

OAC Rule #	Paragraph	Restriction	Description/Quotation	Statutory Authority	State or Fed Law?	If Fed, crosswalk?	Federally delegated program?	Removal would require state or federal law change?	Requirement on the agency or director?
3745-14-01	(B)(1)	shall	Except as otherwise provided in this rule, the definitions in rule 3745-15-01 of the Administrative Code shall apply to this chapter.	3704.03(E)	Federal	CAA Sections 126 and 110(a)(2)(D)(i); 40 CFR 51.121	SIP	Federal	No
3745-14-01	(B)(2)(l)	shall	Except as provided in paragraph (C)(2) of this rule, for a unit that is a NOx budget unit under paragraph (C)(1) of this rule on the date the unit commences commercial operation, such date shall remain the unit's date of commencement of commercial operation even if the unit is subsequently modified, reconstructed, or repowered.	3704.03(E)	Federal	CAA Sections 126 and 110(a)(2)(D)(i); 40 CFR 51.121	SIP	Federal	No
3745-14-01	(B)(2)(l)	shall	Except as provided in paragraph (C)(2) of this rule, for a unit that is not a NOx budget unit under paragraph (C)(1) of this rule on the date the unit commences commercial operation, the date the unit becomes a NOx budget unit under paragraph (C)(1) of this rule shall be the unit's date of commencement of commercial operation.	3704.03(E)	Federal	CAA Sections 126 and 110(a)(2)(D)(i); 40 CFR 51.121	SIP	Federal	No
3745-14-01	(B)(2)(m)	shall	Except as provided in paragraph (C)(2) of this rule, for a unit that is a NOx budget unit under paragraph (C)(1) of this rule on the date of commencement of operation, such date shall remain the unit's date of commencement of operation even if the unit is subsequently modified, reconstructed, or repowered.	3704.03(E)	Federal	CAA Sections 126 and 110(a)(2)(D)(i); 40 CFR 51.121	SIP	Federal	No
3745-14-01	(B)(2)(m)	shall	Except as provided in paragraph (C)(2) of this rule, for a unit that is not a NOx budget unit under paragraph (C)(1) of this rule on the date of commencement of operation, the date the unit becomes a NOx budget unit under paragraph (C)(1) of this rule shall be the unit's date of commencement of operation.	3704.03(E)	Federal	CAA Sections 126 and 110(a)(2)(D)(i); 40 CFR 51.121	SIP	Federal	No
3745-14-01	(B)(2)(r)	shall	For Title V sources, the designated representative shall be the responsible official under paragraph (II) of rule 3745-77-01 of the Administrative Code.	3704.03(E)	Federal	CAA Sections 126 and 110(a)(2)(D)(i); 40 CFR 51.121	SIP	Federal	No
3745-14-01	(B)(2)(r)	shall	For non- Title V sources, the designated representative shall be the signatory authority under paragraph (B) of rule 3745-31-04 of the Administrative Code.	3704.03(E)	Federal	CAA Sections 126 and 110(a)(2)(D)(i); 40 CFR 51.121	SIP	Federal	No
3745-14-01	(B)(2)(x)(iii)(b)	shall	The combustion of fossil fuel, alone or in combination with any other fuel, where fossil fuel is projected to comprise more than fifty per cent of the annual heat input, on a Btu basis, during any year, provided that the unit shall be "fossil fueled" as of the date, during such year, on which the unit begins combusting fossil fuel.	3704.03(E)	Federal	CAA Sections 126 and 110(a)(2)(D)(i); 40 CFR 51.121	SIP	Federal	No
3745-14-01	(B)(2)(dd)	shall	If the unit intends to use Appendix D of 40 CFR Part 75 to report heat input, this value shall be calculated, in accordance with 40 CFR Part 75, using the maximum fuel flow rate and the maximum gross calorific value.	3704.03(E)	Federal	CAA Sections 126 and 110(a)(2)(D)(i); 40 CFR 51.121	SIP	Federal	No
3745-14-01	(B)(2)(dd)	shall	If the unit intends to use a flow monitor and a diluent gas monitor, this value shall be reported, in accordance with 40 CFR Part 75...	3704.03(E)	Federal	CAA Sections 126 and 110(a)(2)(D)(i); 40 CFR 51.121	SIP	Federal	No
3745-14-01	(B)(2)(pp)	shall	"Operator" means any person who operates, controls, or supervises a NOx budget unit or a NOx budget source and shall include, but not be limited to, any holding company, utility system, or plant manager of such a unit or source.	3704.03(E)	Federal	CAA Sections 126 and 110(a)(2)(D)(i); 40 CFR 51.121	SIP	Federal	No
3745-14-01	(B)(2)(qq)(iii)	shall	Any purchaser of power from a NOx budget unit under a life-of- the-unit, firm power contractual arrangement (however, unless expressly provided for in a leasehold agreement, owner shall not include a passive lessor, or a person who has an equitable interest through such lessor, whose rental payments are not based, either directly or indirectly, upon the revenues or income from the NOx budget unit.	3704.03(E)	Federal	CAA Sections 126 and 110(a)(2)(D)(i); 40 CFR 51.121	SIP	Federal	No
3745-14-01	(B)(2)(uu)	shall	For purposes of Section 502(c) of the Clean Air Act, a source, including a source with multiple units, shall be considered a single facility.	3704.03(E)	Federal	CAA Sections 126 and 110(a)(2)(D)(i); 40 CFR 51.121	SIP	Federal	No
3745-14-01	(B)(2)(xx)(iii)	shall	Compliance with any submission, service, or mailing deadline shall be determined by the date of dispatch, transmission, or mailing and not the date of receipt.	3704.03(E)	Federal	CAA Sections 126 and 110(a)(2)(D)(i); 40 CFR 51.121	SIP	Federal	No
3745-14-01	(B)(2)(aaa)	shall	For the purpose of determining compliance with the NOx budget program, total tons for a control period shall be calculated as...	3704.03(E)	Federal	CAA Sections 126 and 110(a)(2)(D)(i); 40 CFR 51.121	SIP	Federal	No
3745-14-01	(B)(4)(f)	shall	Where such performance test data are not available, the appropriate past NOx emission rate shall be evaluated and approved or denied by the director on a case-by-case basis using, for example, appropriate emission factors or data from the NOx SIP call engine inventory.	3704.03(E)	Federal	CAA Sections 126 and 110(a)(2)(D)(i); 40 CFR 51.121	SIP	Federal	No
3745-14-01	(C)(1)	shall	All of the following units shall be NOx budget units, and any source that includes one or more such units shall be a NOx budget source, subject to the requirements of this chapter:	3704.03(E)	Federal	CAA Sections 126 and 110(a)(2)(D)(i); 40 CFR 51.121	SIP	Federal	No
3745-14-01	(C)(1)	shall	All of the following units shall be NOx budget units, and any source that includes one or more such units shall be a NOx budget source, subject to the requirements of this chapter:	3704.03(E)	Federal	CAA Sections 126 and 110(a)(2)(D)(i); 40 CFR 51.121	SIP	Federal	No
3745-14-01	(C)(2)	shall	The following units shall be exempt from the requirements of the NOx budget program:	3704.03(E)	Federal	CAA Sections 126 and 110(a)(2)(D)(i); 40 CFR 51.121	SIP	Federal	No
3745-14-01	(C)(2)(b)	shall	A unit under paragraph (C)(1) of this rule that has a federally enforceable permit that includes a NOx emission limitation restricting NOx emissions... shall be exempt from the requirements of this chapter, except for the provisions of this paragraph and paragraphs (B), (C)(1) and (E) of this rule.	3704.03(E)	Federal	CAA Sections 126 and 110(a)(2)(D)(i); 40 CFR 51.121	SIP	Federal	No
3745-14-01	(C)(2)(b)	shall	The NOx emission limitation under this paragraph shall restrict NOx emissions during the control period by one of the following methods:	3704.03(E)	Federal	CAA Sections 126 and 110(a)(2)(D)(i); 40 CFR 51.121	SIP	Federal	No
3745-14-01	(C)(2)(b)(ii)	shall	A restriction on unit operating hours calculated by dividing the federally enforceable emission limitation, in tons, determined in accordance with paragraph (C)(2)(b) of this rule, by the unit's maximum potential hourly NOx mass emissions, which shall equal the unit's maximum rated hourly heat input multiplied by the highest default NOx emission rate applicable to the unit under 40 CFR 75.19(c), Table LM-2.	3704.03(E)	Federal	CAA Sections 126 and 110(a)(2)(D)(i); 40 CFR 51.121	SIP	Federal	No
3745-14-01	(C)(2)(c)	shall	The exemption under paragraph (C)(2)(b) of this rule shall become effective upon one of the following:	3704.03(E)	Federal	CAA Sections 126 and 110(a)(2)(D)(i); 40 CFR 51.121	SIP	Federal	No

3745-14-01	(C)(2)(c)(i)	shall	The exemption shall become effective on the date on which the NOx emission limitation and the special provisions in the permit under paragraph (C)(2)(b) of this rule become final; or	3704.03(E)	Federal	CAA Sections 126 and 110(a)(2)(D)(i); 40 CFR 51.121	SIP	Federal	No
3745-14-01	(C)(2)(c)(ii)	shall	If the NOx emission limitation and the special provisions in the permit under paragraph (C)(2)(b) of this rule become final during a control period and after the first date on which the unit operates during such control period, then the exemption shall become effective on May first of such control period, provided that...	3704.03(E)	Federal	CAA Sections 126 and 110(a)(2)(D)(i); 40 CFR 51.121	SIP	Federal	No
3745-14-01	(C)(2)(c)(iii)	shall	If such NOx emission limitation and special provisions do not apply to the unit as of such first date of operation, then the exemption under paragraph (C)(2)(b) of this rule shall become effective on October first of the year during which such NOx emission limitation and the special provisions become final.	3704.03(E)	Federal	CAA Sections 126 and 110(a)(2)(D)(i); 40 CFR 51.121	SIP	Federal	No
3745-14-01	(C)(2)(d)	shall	The director shall provide the administrator written notice of the issuance of any permit under paragraph (C)(2)(b) of this rule and, upon request, a copy of the permit.	3704.03(E)	Federal	CAA Sections 126 and 110(a)(2)(D)(i); 40 CFR 51.121	SIP	Federal	Yes
3745-14-01	(C)(2)(e)(i)	shall	A unit exempt under paragraph (C)(2)(b) of this rule shall comply with the restriction on unit operating hours and fuel use described in paragraph (C)(2)(b) of this rule during the control period in each year.	3704.03(E)	Federal	CAA Sections 126 and 110(a)(2)(D)(i); 40 CFR 51.121	SIP	Federal	No
3745-14-01	(C)(2)(e)(ii)	shall	A unit exempt under paragraph (C)(2)(b) of this rule shall report hours of unit operation or fuel usage during the control period in each year to the director by November first of that year.	3704.03(E)	Federal	CAA Sections 126 and 110(a)(2)(D)(i); 40 CFR 51.121	SIP	Federal	No
3745-14-01	(C)(2)(e)(iii)	shall	For a period of five years from the date the records are created, the owners and operators of a unit exempt under paragraph (C)(2)(b) of this rule shall retain, at the source that includes the unit, records demonstrating...	3704.03(E)	Federal	CAA Sections 126 and 110(a)(2)(D)(i); 40 CFR 51.121	SIP	Federal	No
3745-14-01	(C)(2)(e)(iv)	shall	The owners and operators and, to the extent applicable, the designated representative of a unit exempt under paragraph (C)(2)(b) of this rule shall comply with the requirements of the NOx budget program concerning all periods for which the exemption is not in effect, even if such requirements arise, or shall be complied with, after the exemption takes effect.	3704.03(E)	Federal	CAA Sections 126 and 110(a)(2)(D)(i); 40 CFR 51.121	SIP	Federal	No
3745-14-01	(C)(2)(e)(iv)	shall	The owners and operators and, to the extent applicable, the designated representative of a unit exempt under paragraph (C)(2)(b) of this rule shall comply with the requirements of the NOx budget program concerning all periods for which the exemption is not in effect, even if such requirements arise, or shall be complied with, after the exemption takes effect.	3704.03(E)	Federal	CAA Sections 126 and 110(a)(2)(D)(i); 40 CFR 51.121	SIP	Federal	No
3745-14-01	(C)(2)(e)(v)	shall	On the earlier of the following dates, a unit exempt under paragraph (C)(2)(b) of this rule shall lose its exemption:	3704.03(E)	Federal	CAA Sections 126 and 110(a)(2)(D)(i); 40 CFR 51.121	SIP	Federal	No
3745-14-01	(C)(2)(e)(vi)	shall	A unit that loses its exemption in accordance with paragraph (C)(2) (e)(v) of this rule shall be subject to the requirements of this chapter.	3704.03(E)	Federal	CAA Sections 126 and 110(a)(2)(D)(i); 40 CFR 51.121	SIP	Federal	No
3745-14-01	(C)(2)(e)(vi)	shall	For the purpose of applying permitting requirements under rule 3745-14-03 of the Administrative Code and applying monitoring requirements under rule 3745-14-08 of the Administrative Code, the unit shall be treated as commencing operation and, if the unit is covered by paragraph (C)(1)(b) of this rule, commencing commercial operation on the date the unit loses its exemption.	3704.03(E)	Federal	CAA Sections 126 and 110(a)(2)(D)(i); 40 CFR 51.121	SIP	Federal	No
3745-14-01	(D)(1)(a)	shall	The sum of the total number of tons of NOx emitted from the NOx budget units under paragraph (C)(1)(a) for the control period plus the sum of the NOx emission limitations (in tons) for each EGU unit exempt under paragraph (C)(2) of this rule shall be less than or equal to the state program budget for EGUs.	3704.03(E)	Federal	CAA Sections 126 and 110(a)(2)(D)(i); 40 CFR 51.121	SIP	Federal	Yes
3745-14-01	(D)(1)(b)	shall	The sum of the total number of tons of NOx emitted from the NOx budget units under paragraph (C)(1)(b) of this rule for the control period plus the sum of the NOx emission limitations (in tons) for each non-EGU unit exempt under paragraph (C)(2) of this rule shall be less than or equal to the state program budget for non-EGUs.	3704.03(E)	Federal	CAA Sections 126 and 110(a)(2)(D)(i); 40 CFR 51.121	SIP	Federal	Yes
3745-14-01	(D)(2)	shall	The owners or operators and, to the extent applicable, the designated representative of each NOx budget unit or NOx budget source shall meet the permit requirements in rule 3745-14-03 of the Administrative Code.	3704.03(E)	Federal	CAA Sections 126 and 110(a)(2)(D)(i); 40 CFR 51.121	SIP	Federal	No
3745-14-01	(D)(3)(a)	shall	The owners and operators and, to the extent applicable, the designated representative of each NOx budget source and each NOx budget unit at the source shall comply with the monitoring requirements of rule 3745-14-08 of the Administrative Code.	3704.03(E)	Federal	CAA Sections 126 and 110(a)(2)(D)(i); 40 CFR 51.121	SIP	Federal	No
3745-14-01	(D)(3)(b)	shall	The emissions measurements recorded and reported in accordance with rule 3745-14-08 of the Administrative Code shall be used to determine compliance with the NOx state program budget under paragraph (D)(1) of this rule.	3704.03(E)	Federal	CAA Sections 126 and 110(a)(2)(D)(i); 40 CFR 51.121	SIP	Federal	Yes
3745-14-01	(D)(4)(a)	shall	Unless otherwise provided, the owners and operators of a NOx budget source and each NOx budget unit at the source shall keep on site at the source, or at a central location in Ohio for unattended sources, each of the following documents for a period of five years from the date the document is created:	3704.03(E)	Federal	CAA Sections 126 and 110(a)(2)(D)(i); 40 CFR 51.121	SIP	Federal	No
3745-14-01	(D)(4)(a)	shall	Records for unattended sources retained at a central location shall be available immediately...	3704.03(E)	Federal	CAA Sections 126 and 110(a)(2)(D)(i); 40 CFR 51.121	SIP	Federal	No
3745-14-01	(D)(4)(a)(i)	shall	Documents demonstrating the designated representative's authority necessary to carry out his or her duties and responsibilities under the NOx budget program on behalf of the owners and operators of the NOx budget source and of each NOx budget unit at the source and certifying that each such owner and operator shall be fully bound by the designated representative's representations, actions, inactions, or submissions and by any decision or order issued to the designated representative by the director, the Administrator, or a court regarding the source or unit...	3704.03(E)	Federal	CAA Sections 126 and 110(a)(2)(D)(i); 40 CFR 51.121	SIP	Federal	No
3745-14-01	(D)(4)(a)(i)	shall	...the documents shall be retained on site at the source beyond such five-year period until such documents are superseded because of the selection of a new designated representative.	3704.03(E)	Federal	CAA Sections 126 and 110(a)(2)(D)(i); 40 CFR 51.121	SIP	Federal	No
3745-14-01	(D)(4)(b)	shall	The designated representative of a NOx budget source and each NOx budget unit at the source shall submit the reports and compliance certifications required under the NOx budget program, including those under rule 3745-14-04 and rule 3745-14-08 of the Administrative Code.	3704.03(E)	Federal	CAA Sections 126 and 110(a)(2)(D)(i); 40 CFR 51.121	SIP	Federal	No

3745-14-01	(D)(5)(a)	shall	Any person who knowingly violates any requirement or prohibition of the NOx budget program, a permit, or an exemption under paragraph (C)(2) of this rule shall be subject to enforcement pursuant to applicable state and federal law.	3704.03(E)	Federal	CAA Sections 126 and 110(a)(2)(D)(i); 40 CFR 51.121	SIP	Federal	No
3745-14-01	(D)(5)(b)	shall	Any person who knowingly makes a false material statement in any record, submission, or report under the NOx budget program shall be subject to criminal enforcement pursuant to applicable state and federal law.	3704.03(E)	Federal	CAA Sections 126 and 110(a)(2)(D)(i); 40 CFR 51.121	SIP	Federal	No
3745-14-01	(D)(5)(c)	shall	No permit revision shall excuse any violation of the requirements of the NOx budget program that occurs prior to the date that the revision takes effect.	3704.03(E)	Federal	CAA Sections 126 and 110(a)(2)(D)(i); 40 CFR 51.121	SIP	Federal	No
3745-14-01	(D)(5)(d)	shall	Each NOx budget source and each NOx budget unit shall meet the requirements of the NOx budget program.	3704.03(E)	Federal	CAA Sections 126 and 110(a)(2)(D)(i); 40 CFR 51.121	SIP	Federal	No
3745-14-01	(D)(5)(e)	shall	Any provision of the NOx budget program that applies to a NOx budget source (including a provision applicable to the designated representative of a NOx budget source) shall also apply to the owners and operators of such source and of the NOx budget units at the source.	3704.03(E)	Federal	CAA Sections 126 and 110(a)(2)(D)(i); 40 CFR 51.121	SIP	Federal	No
3745-14-01	(D)(5)(f)	shall	Any provision of the NOx budget program that applies to a NOx budget unit (including a provision applicable to the designated representative of a NOx budget unit) shall also apply to the owners and operators of such unit.	3704.03(E)	Federal	CAA Sections 126 and 110(a)(2)(D)(i); 40 CFR 51.121	SIP	Federal	No
3745-14-01	(D)(5)(f)	shall	Except with regard to the requirements applicable to units with a common stack under rule 3745-14-08 of the Administrative Code, the owners and operators and the designated representative of one NOx budget unit shall not be liable for any violation by any other NOx budget unit of which they are not owners or operators or the designated representative and that is located at a source of which they are not owners or operators or the designated representative.	3704.03(E)	Federal	CAA Sections 126 and 110(a)(2)(D)(i); 40 CFR 51.121	SIP	Federal	No
3745-14-01	(D)(6)	shall	No provision of the NOx budget program, a permit application, a permit, or an exemption under paragraph (C)(2) of this rule shall be construed as exempting or excluding the owners and operators and, to the extent applicable, the designated representative of a NOx budget source or NOx budget unit from compliance with any other provision of the applicable, approved state implementation plan, a federally enforceable permit, or the Clean Air Act.	3704.03(E)	Federal	CAA Sections 126 and 110(a)(2)(D)(i); 40 CFR 51.121	SIP	Federal	No
3745-14-01	(E)(1)	shall	Unless otherwise stated, any time period scheduled, under the NOx budget program, to begin on the occurrence of an act or event shall begin on the day the act or event occurs.	3704.03(E)	Federal	CAA Sections 126 and 110(a)(2)(D)(i); 40 CFR 51.121	SIP	Federal	No
3745-14-01	(E)(2)	shall	Unless otherwise stated, any time period scheduled, under the NOx budget program, to begin before the occurrence of an act or event shall be computed so that the period ends the day before the act or event occurs.	3704.03(E)	Federal	CAA Sections 126 and 110(a)(2)(D)(i); 40 CFR 51.121	SIP	Federal	No
3745-14-01	(E)(3)	shall	Unless otherwise stated, if the final day of any time period under the NOx budget program, except for the control period defined in paragraph (B)(2)(o) of this rule, falls on a weekend or a state or federal holiday, the time period shall be extended to the next business day.	3704.03(E)	Federal	CAA Sections 126 and 110(a)(2)(D)(i); 40 CFR 51.121	SIP	Federal	No
3745-14-03	(A)(1)	shall	The designated representative of a NOx budget source subject to this rule required to have a federally enforceable permit for the source shall submit an application for an operating permit or an application for a modification to an operating permit...	3704.03(E)	Federal	CAA Sections 126 and 110(a)(2)(D)(i); 40 CFR 51.121	SIP	Federal	No
3745-14-03	(A)(2)	shall	The designated representative of a NOx budget source subject to this rule shall submit in a timely manner any supplemental information that the director determines is necessary in order to review a permit application and issue or deny a permit.	3704.03(E)	Federal	CAA Sections 126 and 110(a)(2)(D)(i); 40 CFR 51.121	SIP	Federal	No
3745-14-03	(A)(3)	shall	The owners and operators of each NOx budget source required to have a federally enforceable permit shall operate the source in compliance with such permit.	3704.03(E)	Federal	CAA Sections 126 and 110(a)(2)(D)(i); 40 CFR 51.121	SIP	Federal	No
3745-14-03	(B)(1)(a)(i)	shall	For any source, with one or more NOx budget units that commence operation before January 1, 2000, the designated representative shall submit a complete permit application...	3704.03(E)	Federal	CAA Sections 126 and 110(a)(2)(D)(i); 40 CFR 51.121	SIP	Federal	No
3745-14-03	(B)(1)(a)(ii)	shall	For any source, with one or more NOx budget units that commence operation on or after January 1, 2000, the designated representative shall submit a complete permit application...	3704.03(E)	Federal	CAA Sections 126 and 110(a)(2)(D)(i); 40 CFR 51.121	SIP	Federal	No
3745-14-03	(B)(1)(b)(i)	shall	For any source, with one or more NOx budget units that commence operation before January 1, 2000, the designated representative shall submit a complete permit application...	3704.03(E)	Federal	CAA Sections 126 and 110(a)(2)(D)(i); 40 CFR 51.121	SIP	Federal	No
3745-14-03	(B)(1)(a)(ii)	shall	For any source, with any NOx budget unit that commences operation on or after January 1, 2000, the designated representative shall submit a complete permit application...	3704.03(E)	Federal	CAA Sections 126 and 110(a)(2)(D)(i); 40 CFR 51.121	SIP	Federal	No
3745-14-03	(B)(2)(a)	shall	For a NOx budget source required to have a Title V operating permit, the designated representative shall submit a complete permit renewal application...	3704.03(E)	Federal	CAA Sections 126 and 110(a)(2)(D)(i); 40 CFR 51.121	SIP	Federal	No
3745-14-03	(B)(2)(b)	shall	For a NOx budget source required to have a non-Title V operating permit, the designated representative shall submit a complete permit application...	3704.03(E)	Federal	CAA Sections 126 and 110(a)(2)(D)(i); 40 CFR 51.121	SIP	Federal	No
3745-14-03	(C)(1)	shall	A complete permit application for a NOx budget source shall include all of the following elements...	3704.03(E)	Federal	CAA Sections 126 and 110(a)(2)(D)(i); 40 CFR 51.121	SIP	Federal	No
3745-14-03	(D)(1)	shall	Each permit (including any draft or proposed permit, if applicable) shall contain...	3704.03(E)	Federal	CAA Sections 126 and 110(a)(2)(D)(i); 40 CFR 51.121	SIP	Federal	No
3745-14-03	(E)(1)	shall	For a NOx budget source with a Title V operating permit, the director shall revise the permit, as necessary, in accordance with rule 3745-77-08 of the Administrative Code.	3704.03(E)	Federal	CAA Sections 126 and 110(a)(2)(D)(i); 40 CFR 51.121	SIP	Federal	Yes
3745-14-03	(E)(2)	shall	For a NOx budget source with a non-Title V operating permit, the director shall revise the permit, as necessary, in accordance with rule 3745-31-04 of the Administrative Code.	3704.03(E)	Federal	CAA Sections 126 and 110(a)(2)(D)(i); 40 CFR 51.121	SIP	Federal	Yes
3745-14-04	(A)	shall	For each control period in which one or more NOx budget units at a source are subject to the NOx budget program, the designated representative of the source shall submit to the director, by November thirtieth of that year, in a format prescribed by the director, a compliance certification report for each unit at the source.	3704.03(E)	Federal	CAA Sections 126 and 110(a)(2)(D)(i); 40 CFR 51.121	SIP	Federal	No

3745-14-04	(A)	shall	The compliance certification report shall include all of the following:	3704.03(E)	Federal	CAA Sections 126 and 110(a)(2)(D)(i); 40 CFR 51.121	SIP	Federal	No
3745-14-04	(A)(2)(a)(iii)	shall	...if conditional data were reported, the owner or operator shall indicate whether the status of all conditional data has been resolved and all necessary quarterly report resubmissions have been made.	3704.03(E)	Federal	CAA Sections 126 and 110(a)(2)(D)(i); 40 CFR 51.121	SIP	Federal	No
3745-14-08	opening paragraph	shall	The owners and operators, and to the extent applicable, the designated representative of a NOx budget unit, shall comply with the monitoring and reporting requirements as provided in paragraphs (A) to (G) of this rule, except when complying with approved alternative monitoring and reporting requirements provided in paragraph (H) of this rule.	3704.03(E)	Federal	CAA Sections 126 and 110(a)(2)(D)(i); 40 CFR 51.121	SIP	Federal	No
3745-14-08	(A)(1)	shall	The owners and operators, and to the extent applicable, the designated representative of a NOx budget unit, shall comply with the monitoring and reporting requirements as provided in paragraphs (A) to (G) of this rule and in 40 CFR Part 75, Subpart H.	3704.03(E)	Federal	CAA Sections 126 and 110(a)(2)(D)(i); 40 CFR 51.121	SIP	Federal	No
3745-14-08	(A)(1)	shall	For purposes of complying with such requirements, the definitions in paragraph (B) of rule 3745-14-01 of the Administrative Code and in 40 CFR 72.2 shall apply, and the terms "affected unit" and "continuous emission monitoring system" (or "CEMS") in 40 CFR Part 75 shall be replaced by the terms "NOx budget unit" and "continuous emission monitoring system" (or "CEMS"), respectively, as defined in paragraph (B) of rule 3745-14-01 of the Administrative Code.	3704.03(E)	Federal	CAA Sections 126 and 110(a)(2)(D)(i); 40 CFR 51.121	SIP	Federal	No
3745-14-08	(A)(1)	shall	For purposes of complying with such requirements, the definitions in paragraph (B) of rule 3745-14-01 of the Administrative Code and in 40 CFR 72.2 shall apply, and the terms "affected unit" and "continuous emission monitoring system" (or "CEMS") in 40 CFR Part 75 shall be replaced by the terms "NOx budget unit" and "continuous emission monitoring system" (or "CEMS"), respectively, as defined in paragraph (B) of rule 3745-14-01 of the Administrative Code.	3704.03(E)	Federal	CAA Sections 126 and 110(a)(2)(D)(i); 40 CFR 51.121	SIP	Federal	No
3745-14-08	(A)(2)	shall	The owner or operator of each NOx budget unit shall meet all of the following requirements:	3704.03(E)	Federal	CAA Sections 126 and 110(a)(2)(D)(i); 40 CFR 51.121	SIP	Federal	No
3745-14-08	(A)(3)	shall	The owner or operator shall meet the certification and other requirements of paragraphs (A)(2)(a) to (A)(2)(c) of this rule on or before the following dates.	3704.03(E)	Federal	CAA Sections 126 and 110(a)(2)(D)(i); 40 CFR 51.121	SIP	Federal	No
3745-14-08	(A)(3)	shall	The owner or operator shall record, report and quality-assure the data from the monitoring systems under paragraphs (A)(2)(a) and (A)(2)(b) of this rule on and after the following dates:	3704.03(E)	Federal	CAA Sections 126 and 110(a)(2)(D)(i); 40 CFR 51.121	SIP	Federal	No
3745-14-08	(A)(4)	shall	The owner or operator of a NOx budget unit under paragraph (A)(3)(b), (A)(3) (c), (A)(3)(d) or (A)(3)(e) of this rule shall determine, record and report NOx mass emissions, heat input rate, and any other values required to determine NOx mass emissions...	3704.03(E)	Federal	CAA Sections 126 and 110(a)(2)(D)(i); 40 CFR 51.121	SIP	Federal	No
3745-14-08	(A)(5)(a)	shall	No owner or operator of a NOx budget unit shall use any alternative monitoring system, alternative reference method, or any other alternative for the required continuous emission monitoring system without having obtained prior written approval in accordance with paragraph (F) or (H) of this rule.	3704.03(E)	Federal	CAA Sections 126 and 110(a)(2)(D)(i); 40 CFR 51.121	SIP	Federal	No
3745-14-08	(A)(5)(b)	shall	No owner or operator of a NOx budget unit shall operate the unit so as to discharge, or allow to be discharged, NOx emissions to the atmosphere without accounting for all such emissions in accordance with the applicable provisions of paragraphs (A) to (G) of this rule and 40 CFR Part 75 except as provided for in 40 CFR 75.74.	3704.03(E)	Federal	CAA Sections 126 and 110(a)(2)(D)(i); 40 CFR 51.121	SIP	Federal	No
3745-14-08	(A)(5)(c)	shall	No owner or operator of a NOx budget unit shall disrupt the continuous emission monitoring system...	3704.03(E)	Federal	CAA Sections 126 and 110(a)(2)(D)(i); 40 CFR 51.121	SIP	Federal	No
3745-14-08	(A)(5)(d)	shall	No owner or operator of a NOx budget unit shall retire or permanently discontinue use of the continuous emission monitoring system, any component thereof, or any other approved emission monitoring system, except under any one of the following circumstances:	3704.03(E)	Federal	CAA Sections 126 and 110(a)(2)(D)(i); 40 CFR 51.121	SIP	Federal	No
3745-14-08	(B)(1)	shall	The owner or operator of a NOx budget unit that is subject to an acid rain emissions limitation shall comply with the initial certification and recertification procedures of 40 CFR Part 75...	3704.03(E)	Federal	CAA Sections 126 and 110(a)(2)(D)(i); 40 CFR 51.121	SIP	Federal	No
3745-14-08	(B)(1)(a)	shall	If, prior to January 1, 1998, the administrator approved a petition under 40 CFR 75.17(a) or 40 CFR 75.17(b) for apportioning the NOx emission rate measured in a common stack or a petition under 40 CFR 75.66 for an alternative to a requirement in 40 CFR 75.17, the designated representative shall resubmit the petition, under paragraph (F)(1) of this rule, to the administrator to determine if the approval applies under the NOx budget program.	3704.03(E)	Federal	CAA Sections 126 and 110(a)(2)(D)(i); 40 CFR 51.121	SIP	Federal	No
3745-14-08	(B)(1)(b)	shall	For any additional CEMS required under the common stack provisions in 40 CFR 75.72, or for any NOx concentration CEMS used under the provisions of 40 CFR 75.71(a)(2), the owner or operator shall meet the requirements of paragraph (B)(2) of this rule.	3704.03(E)	Federal	CAA Sections 126 and 110(a)(2)(D)(i); 40 CFR 51.121	SIP	Federal	No
3745-14-08	(B)(2)	shall	The owner or operator of a NOx budget unit that is not subject to an acid rain emissions limitation shall comply with the following initial certification and recertification procedures.	3704.03(E)	Federal	CAA Sections 126 and 110(a)(2)(D)(i); 40 CFR 51.121	SIP	Federal	No
3745-14-08	(B)(2)	shall	The owner or operator of such a unit that qualifies to use the low mass emissions excepted monitoring methodology under 40 CFR 75.19 or that qualifies to use an alternative monitoring system under subpart E of 40 CFR Part 75 shall comply with the following procedures, as modified by paragraph (B)(3) or (B)(4) of this rule.	3704.03(E)	Federal	CAA Sections 126 and 110(a)(2)(D)(i); 40 CFR 51.121	SIP	Federal	No
3745-14-08	(B)(2)	shall	The owner or operator of a NOx budget unit that is subject to an acid rain emissions limitation and that requires additional CEMS under the common stack provisions in 40 CFR 75.72 or uses a NOx concentration CEMS under 40 CFR 75.71(a)(2) shall comply with the following:	3704.03(E)	Federal	CAA Sections 126 and 110(a)(2)(D)(i); 40 CFR 51.121	SIP	Federal	No
3745-14-08	(B)(2)(a)	shall	The owner or operator shall ensure that each monitoring system required by 40 CFR Part 75, Subpart H (which includes the automated data acquisition and handling system) successfully completes all of the initial certification testing required under 40 CFR 75.20 by the applicable deadline in paragraph (A)(3) of this rule.	3704.03(E)	Federal	CAA Sections 126 and 110(a)(2)(D)(i); 40 CFR 51.121	SIP	Federal	No

3745-14-08	(B)(2)(b)	shall	Whenever the owner or operator makes a replacement, modification, or change in a certified monitoring system ... the owner or operator shall recertify the monitoring system in accordance with 40 CFR 75.20(b).	3704.03(E)	Federal	CAA Sections 126 and 110(a)(2)(D)(i); 40 CFR 51.121	SIP	Federal	No
3745-14-08	(B)(2)(b)	shall	Furthermore, whenever the owner or operator makes a replacement, modification, or change to the flue gas handling system or the unit's operation that may significantly change the stack flow or concentration profile, the owner or operator shall recertify the continuous emissions monitoring system in accordance with 40 CFR 75.20(b).	3704.03(E)	Federal	CAA Sections 126 and 110(a)(2)(D)(i); 40 CFR 51.121	SIP	Federal	No
3745-14-08	(B)(2)(c)(i)	shall	The designated representative shall submit to the administrator, the United States environmental protection agency region 5 office, and the director a written notice of the dates of certification in accordance with paragraph (D) of this rule.	3704.03(E)	Federal	CAA Sections 126 and 110(a)(2)(D)(i); 40 CFR 51.121	SIP	Federal	No
3745-14-08	(B)(2)(c)(ii)	shall	The designated representative shall submit to the administrator, the United States environmental protection agency region 5 office, and director a certification application for each monitoring system required under 40 CFR Part 75, Subpart H.	3704.03(E)	Federal	CAA Sections 126 and 110(a)(2)(D)(i); 40 CFR 51.121	SIP	Federal	No
3745-14-08	(B)(2)(c)(ii)	shall	A complete certification application shall include the information specified in. 40 CFR Part 75, Subpart H.	3704.03(E)	Federal	CAA Sections 126 and 110(a)(2)(D)(i); 40 CFR 51.121	SIP	Federal	No
3745-14-08	(B)(2)(c)(iii)	shall	Except for units using the low mass emission excepted methodology under 40 CFR 75.19, the provisional certification date for a monitor shall be determined in accordance with 40 CFR 75.20(a)(3).	3704.03(E)	Federal	CAA Sections 126 and 110(a)(2)(D)(i); 40 CFR 51.121	SIP	Federal	No
3745-14-08	(B)(2)(c)(iii)	shall	Data measured and recorded by the provisionally certified monitoring system or component thereof, in accordance with the requirements of 40 CFR Part 75, shall be considered valid quality-assured data...	3704.03(E)	Federal	CAA Sections 126 and 110(a)(2)(D)(i); 40 CFR 51.121	SIP	Federal	No
3745-14-08	(B)(2)(c)(iv)	shall	The director shall issue a written notice of approval or disapproval of the certification application to the owner or operator within one hundred twenty days of receipt of the complete certification application under paragraph (B)(2)(c)(ii) of this rule.	3704.03(E)	Federal	CAA Sections 126 and 110(a)(2)(D)(i); 40 CFR 51.121	SIP	Federal	Yes
3745-14-08	(B)(2)(c)(iv)	shall	In the event the director does not issue such a notice within such one hundred twenty-day period, each monitoring system that meets the 3745-14-08 7 applicable performance requirements of 40 CFR Part 75 and is included in the certification application shall be deemed certified for use under the NOx budget program.	3704.03(E)	Federal	CAA Sections 126 and 110(a)(2)(D)(i); 40 CFR 51.121	SIP	Federal	No
3745-14-08	(B)(2)(c)(iv)(a)	shall	If the certification application is complete and shows that each monitoring system meets the applicable performance requirements of 40 CFR Part 75, then the director shall issue a written notice of approval of the certification application within one hundred twenty days of receipt.	3704.03(E)	Federal	CAA Sections 126 and 110(a)(2)(D)(i); 40 CFR 51.121	SIP	Federal	Yes
3745-14-08	(B)(2)(c)(iv)(b)	shall	A certification application shall be considered complete when all of the applicable information required to be submitted under paragraph (B)(2)(c)(ii) of this rule has been received by the director.	3704.03(E)	Federal	CAA Sections 126 and 110(a)(2)(D)(i); 40 CFR 51.121	SIP	Federal	Yes
3745-14-08	(B)(2)(c)(iv)(b)	shall	If the certification application is not complete, then the director shall issue a written notice of incompleteness...	3704.03(E)	Federal	CAA Sections 126 and 110(a)(2)(D)(i); 40 CFR 51.121	SIP	Federal	Yes
3745-14-08	(B)(2)(c)(iv)(b)	shall	The one hundred twenty-day review period shall not begin prior to receipt of a complete certification application.	3704.03(E)	Federal	CAA Sections 126 and 110(a)(2)(D)(i); 40 CFR 51.121	SIP	Federal	Yes
3745-14-08	(B)(2)(c)(iv)(c)	shall	If the certification application shows that any monitoring system or component thereof does not meet the performance requirements of this chapter, or if the certification application is incomplete and the requirement for disapproval under paragraph (B)(2)(c)(iv)(b) of this rule has been met, then the director shall issue a written notice of disapproval of the certification application.	3704.03(E)	Federal	CAA Sections 126 and 110(a)(2)(D)(i); 40 CFR 51.121	SIP	Federal	Yes
3745-14-08	(B)(2)(c)(iv)(c)	shall	Upon issuance of such notice of disapproval, the provisional certification is invalidated by the director and the data measured and recorded by each uncertified monitoring system or component thereof shall not be considered valid quality-assured data beginning with the date and hour of provisional certification [as defined under 40 CFR 75.20(a)(3)].	3704.03(E)	Federal	CAA Sections 126 and 110(a)(2)(D)(i); 40 CFR 51.121	SIP	Federal	No
3745-14-08	(B)(2)(c)(iv)(c)	shall	The owner or operator shall follow the procedures for loss of certification in paragraph (B)(2)(c)(v) of this rule for each monitoring system or component thereof which is disapproved for initial certification.	3704.03(E)	Federal	CAA Sections 126 and 110(a)(2)(D)(i); 40 CFR 51.121	SIP	Federal	No
3745-14-08	(B)(2)(c)(v)	shall	If the director issues a notice of disapproval of a certification application under paragraph (B)(2)(c)(iv)(c) of this rule or a notice of disapproval of certification status under paragraph (B)(2)(c)(iv) (d) of this rule, the following shall occur	3704.03(E)	Federal	CAA Sections 126 and 110(a)(2)(D)(i); 40 CFR 51.121	SIP	Federal	No
3745-14-08	(B)(2)(c)(v)(a)	shall	The owner or operator shall substitute the following values, for each hour of unit operation during the period of invalid data...	3704.03(E)	Federal	CAA Sections 126 and 110(a)(2)(D)(i); 40 CFR 51.121	SIP	Federal	No
3745-14-08	(B)(2)(c)(v)(b)	shall	The designated representative shall submit a notification of certification retest dates and a new certification application in accordance with paragraphs (B)(2)(c)(i) and (B)(2)(c)(ii) of this rule.	3704.03(E)	Federal	CAA Sections 126 and 110(a)(2)(D)(i); 40 CFR 51.121	SIP	Federal	No
3745-14-08	(B)(2)(c)(v)(c)	shall	The owner or operator shall repeat all certification tests or other requirements that were failed by the monitoring system, as indicated in the director's notice of disapproval, no later than thirty unit operating days after the date of issuance of the notice of disapproval.	3704.03(E)	Federal	CAA Sections 126 and 110(a)(2)(D)(i); 40 CFR 51.121	SIP	Federal	No
3745-14-08	(B)(3)	shall	The owner or operator of a gas fired or oil fired unit using the low mass emissions excepted methodology under 40 CFR 75.19 and not subject to an acid rain emission limitation shall meet the applicable general operating requirements of 40 CFR 75.10 and the applicable requirements of 40 CFR 75.19.	3704.03(E)	Federal	CAA Sections 126 and 110(a)(2)(D)(i); 40 CFR 51.121	SIP	Federal	No
3745-14-08	(B)(3)	shall	The owner or operator of such a unit shall also meet the applicable certification and recertification procedures of paragraph (B)(2) of this rule, except that the excepted methodology shall be deemed provisionally certified for use under the NOx budget program as of the following dates:	3704.03(E)	Federal	CAA Sections 126 and 110(a)(2)(D)(i); 40 CFR 51.121	SIP	Federal	No
3745-14-08	(B)(3)	shall	The owner or operator of such a unit shall also meet the applicable certification and recertification procedures of paragraph (B)(2) of this rule, except that the excepted methodology shall be deemed provisionally certified for use under the NOx budget program as of the following dates:	3704.03(E)	Federal	CAA Sections 126 and 110(a)(2)(D)(i); 40 CFR 51.121	SIP	Federal	No

3745-14-08	(B)(4)	shall	The designated representative of each unit not subject to an acid rain emissions limitation for which the owner or operator intends to use an alternative monitoring system approved by the administrator under subpart E of 40 CFR Part 75, shall comply with the applicable certification procedures in paragraph (B)(2) of this rule before using the system under the NOx budget program.	3704.03(E)	Federal	CAA Sections 126 and 110(a)(2)(D)(i); 40 CFR 51.121	SIP	Federal	No
3745-14-08	(B)(4)	shall	The designated representative shall also comply with the applicable recertification procedures in paragraph (B)(2)(c) of this rule.	3704.03(E)	Federal	CAA Sections 126 and 110(a)(2)(D)(i); 40 CFR 51.121	SIP	Federal	No
3745-14-08	(B)(4)	shall	The requirements of 40 CFR 75.20(f) shall apply to such alternative monitoring system.	3704.03(E)	Federal	CAA Sections 126 and 110(a)(2)(D)(i); 40 CFR 51.121	SIP	Federal	No
3745-14-08	(C)(1)	shall	Whenever any monitoring system fails to meet the quality assurance or data validation requirements of 40 CFR Part 75, data shall be substituted using the applicable procedures in 40 CFR Part 75, Appendix D, 40 CFR Part 75, Appendix E, or 40 CFR Part 75, Subpart D.	3704.03(E)	Federal	CAA Sections 126 and 110(a)(2)(D)(i); 40 CFR 51.121	SIP	Federal	No
3745-14-08	(C)(2)	shall	Whenever... the director shall issue a notice of disapproval of the certification status of such system or component.	3704.03(E)	Federal	CAA Sections 126 and 110(a)(2)(D)(i); 40 CFR 51.121	SIP	Federal	Yes
3745-14-08	(C)(2)	shall	For the purposes of this paragraph, an audit shall be either a field audit or an audit of any information submitted to the director or the administrator.	3704.03(E)	Federal	CAA Sections 126 and 110(a)(2)(D)(i); 40 CFR 51.121	SIP	Federal	No
3745-14-08	(C)(2)	shall	The data measured and recorded by the system or component shall not be considered valid quality-assured data from the date of issuance of the notification of the revoked certification status until the date and time that the owner or operator completes subsequently approved initial certification or recertification tests for the system or component.	3704.03(E)	Federal	CAA Sections 126 and 110(a)(2)(D)(i); 40 CFR 51.121	SIP	Federal	No
3745-14-08	(D)	shall	The designated representative for a NOx budget unit shall submit written notice of certification and recertification test dates to the director and the administrator in accordance with 40 CFR 75.61...	3704.03(E)	Federal	CAA Sections 126 and 110(a)(2)(D)(i); 40 CFR 51.121	SIP	Federal	No
3745-14-08	(E)(1)(a)	shall	The designated representative shall comply with all record keeping and reporting requirements in paragraphs (A) to (G) of this rule.	3704.03(E)	Federal	CAA Sections 126 and 110(a)(2)(D)(i); 40 CFR 51.121	SIP	Federal	No
3745-14-08	(E)(1)(b)	shall	If the designated representative for a NOx budget unit subject to an acid rain emission limitation who signed and certified any submission ... is not the same person as the designated representative or the alternative designated representative for the unit under 40 CFR Part 72, then the submission shall also be signed by the designated representative or the alternative designated representative.	3704.03(E)	Federal	CAA Sections 126 and 110(a)(2)(D)(i); 40 CFR 51.121	SIP	Federal	No
3745-14-08	(E)(2)(a)	shall	The owner or operator of a unit subject to an acid rain emissions limitation shall comply with the requirements of 40 CFR 75.62, except that the monitoring plan shall also include all of the information required by 40 CFR Part 75, Subpart H.	3704.03(E)	Federal	CAA Sections 126 and 110(a)(2)(D)(i); 40 CFR 51.121	SIP	Federal	No
3745-14-08	(E)(2)(a)	shall	The owner or operator of a unit subject to an acid rain emissions limitation shall comply with the requirements of 40 CFR 75.62, except that the monitoring plan shall also include all of the information required by 40 CFR Part 75, Subpart H.	3704.03(E)	Federal	CAA Sections 126 and 110(a)(2)(D)(i); 40 CFR 51.121	SIP	Federal	No
3745-14-08	(E)(2)(b)	shall	The owner or operator of a unit that is not subject to an acid rain emissions limitation shall comply with the requirements of 40 CFR 75.62, except that the monitoring plan is only required to include the information required by 40 CFR Part 75, Subpart H.	3704.03(E)	Federal	CAA Sections 126 and 110(a)(2)(D)(i); 40 CFR 51.121	SIP	Federal	No
3745-14-08	(E)(3)	shall	The designated representative shall submit an application to the administrator, United States environmental protection agency region 5 office, and the director within forty-five days after completing all initial certification or recertification tests required under paragraph (B) of this rule including the information required under 40 CFR Part 75, Subpart H.	3704.03(E)	Federal	CAA Sections 126 and 110(a)(2)(D)(i); 40 CFR 51.121	SIP	Federal	No
3745-14-08	(E)(4)	shall	The designated representative shall submit quarterly reports as follows:	3704.03(E)	Federal	CAA Sections 126 and 110(a)(2)(D)(i); 40 CFR 51.121	SIP	Federal	No
3745-14-08	(E)(4)(a)	shall	If a unit is subject to an acid rain emission limitation or if the owner or operator of the NOx budget unit chooses to meet the annual reporting requirements of paragraphs (A) to (G) of this rule, the designated representative shall submit a quarterly report for each calendar quarter beginning with the following:	3704.03(E)	Federal	CAA Sections 126 and 110(a)(2)(D)(i); 40 CFR 51.121	SIP	Federal	No
3745-14-08	(E)(4)(a)(i)	shall	Data shall be recorded and reported from the earlier of the date and hour corresponding to the date and hour of provisional certification or the first hour on May 1, 2003.	3704.03(E)	Federal	CAA Sections 126 and 110(a)(2)(D)(i); 40 CFR 51.121	SIP	Federal	No
3745-14-08	(E)(4)(a)(ii)	shall	Data shall be reported from the date and hour corresponding to when the unit commenced operation.	3704.03(E)	Federal	CAA Sections 126 and 110(a)(2)(D)(i); 40 CFR 51.121	SIP	Federal	No
3745-14-08	(E)(4)(b)	shall	If a NOx budget unit is not subject to an acid rain emission limitation, then the designated representative shall do either of the following:	3704.03(E)	Federal	CAA Sections 126 and 110(a)(2)(D)(i); 40 CFR 51.121	SIP	Federal	No
3745-14-08	(E)(4)(b)(ii)	shall	The designated representative shall submit such quarterly reports, beginning with:	3704.03(E)	Federal	CAA Sections 126 and 110(a)(2)(D)(i); 40 CFR 51.121	SIP	Federal	No
3745-14-08	(E)(4)(b)(iii)(a)	shall	Data shall be recorded and reported from the earlier of the date and hour corresponding to the date and hour of initial certification under paragraph (B)(2)(c)(iii) or (B)(3) of this rule or the first hour of May 1, 2003.	3704.03(E)	Federal	CAA Sections 126 and 110(a)(2)(D)(i); 40 CFR 51.121	SIP	Federal	No
3745-14-08	(E)(4)(b)(ii)(b)	shall	Data shall be reported from the date and hour corresponding to when the unit commences operation.	3704.03(E)	Federal	CAA Sections 126 and 110(a)(2)(D)(i); 40 CFR 51.121	SIP	Federal	No
3745-14-08	(E)(4)(b)(iii)(c)	shall	Data shall be recorded and reported from the earlier of the date and hour corresponding to the date and hour of initial provisional certification under paragraph (B)(2)(c)(iii) or (B)(3) of this rule or the first hour of May first of the first control period after the unit commences operation.	3704.03(E)	Federal	CAA Sections 126 and 110(a)(2)(D)(i); 40 CFR 51.121	SIP	Federal	No

3745-14-08	(E)(4)(c)	shall	The designated representative shall submit each quarterly report to the administrator within thirty days following the end of the calendar quarter covered by the report.	3704.03(E)	Federal	CAA Sections 126 and 110(a)(2)(D)(i); 40 CFR 51.121	SIP	Federal	No
3745-14-08	(E)(4)(c)	shall	Quarterly reports shall be submitted in the manner specified in 40 CFR Part 75, Subpart H and 40 CFR 75.64, as follows:	3704.03(E)	Federal	CAA Sections 126 and 110(a)(2)(D)(i); 40 CFR 51.121	SIP	Federal	No
3745-14-08	(E)(4)(c)(i)	shall	For units subject to an acid rain emissions limitation, quarterly reports shall include all of the data and information required in 40 CFR Part 75, Subpart H for each NOx budget unit (or group of units using a common stack) and the data and information required in 40 CFR Part 75, Subpart G.	3704.03(E)	Federal	CAA Sections 126 and 110(a)(2)(D)(i); 40 CFR 51.121	SIP	Federal	No
3745-14-08	(E)(4)(d)	shall	The designated representative shall submit to the administrator a compliance certification in support of each quarterly report based on reasonable inquiry of those persons with primary responsibility for ensuring that all of the units' emissions are correctly and fully monitored.	3704.03(E)	Federal	CAA Sections 126 and 110(a)(2)(D)(i); 40 CFR 51.121	SIP	Federal	No
3745-14-08	(E)(4)(d)	shall	The compliance certification shall state the following:	3704.03(E)	Federal	CAA Sections 126 and 110(a)(2)(D)(i); 40 CFR 51.121	SIP	Federal	No
3745-14-08	(F)(1)(a)	shall	Application of an alternative to any requirement of paragraphs (A) to (G) of this rule shall be in accordance with paragraphs (A) to (G) of this rule only to the extent that the petition is approved by the administrator in consultation with the director.	3704.03(E)	Federal	CAA Sections 126 and 110(a)(2)(D)(i); 40 CFR 51.121	SIP	Federal	No
3745-14-08	(F)(1)(b)	shall	Notwithstanding paragraph (F)(1)(a) of this rule, if the petition requests approval to apply an alternative to a requirement concerning any additional CEMS required under the common stack provisions of 40 CFR 75.72, the petition shall be governed by paragraph (F)(2) of this rule.	3704.03(E)	Federal	CAA Sections 126 and 110(a)(2)(D)(i); 40 CFR 51.121	SIP	Federal	No
3745-14-08	(F)(2)(b)	shall	Application of an alternative to any requirement of paragraphs (A) to (G) of this rule shall be in accordance with paragraphs (A) to (G) of this rule only to the extent the petition under paragraph (F)(2) of this rule is approved by both the director and the administrator.	3704.03(E)	Federal	CAA Sections 126 and 110(a)(2)(D)(i); 40 CFR 51.121	SIP	Federal	No
3745-14-08	(G)	shall	The owner or operator of a NOx budget unit that monitors and reports NOx mass emissions using a NOx concentration system and a flow system shall also monitor and report heat input rate at the unit level using the procedures set forth in 40 CFR Part 75.	3704.03(E)	Federal	CAA Sections 126 and 110(a)(2)(D)(i); 40 CFR 51.121	SIP	Federal	No
3745-14-08	(H)(1)	shall	Alternative monitoring and reporting requirements shall be based on the best available data, provide for reporting the nature and amount of emissions of a NOx budget unit, and shall be sufficient to determine compliance with this Chapter.	3704.03(E)	Federal	CAA Sections 126 and 110(a)(2)(D)(i); 40 CFR 51.121	SIP	Federal	No
3745-14-08	(H)(1)	shall	Alternative monitoring and reporting requirements shall be based on the best available data, provide for reporting the nature and amount of emissions of a NOx budget unit, and shall be sufficient to determine compliance with this Chapter.	3704.03(E)	Federal	CAA Sections 126 and 110(a)(2)(D)(i); 40 CFR 51.121	SIP	Federal	No
3745-14-08	(H)(1)	shall	Alternative monitoring and reporting shall include either monitoring and reporting in accordance with 40 CFR Part 60, or monitoring of heat input and fuel use for each control period and an approved emission factor for current operating conditions.	3704.03(E)	Federal	CAA Sections 126 and 110(a)(2)(D)(i); 40 CFR 51.121	SIP	Federal	No
3745-14-08	(H)(2)	shall	The designated representative of a NOx budget unit requesting alternative monitoring and reporting shall submit an application for an installation permit or an application for modification of an installation permit in accordance with Chapter 3745-31 of the Administrative Code, or shall submit an application for an operating permit or an application for a modification to an operating permit in accordance with the following:	3704.03(E)	Federal	CAA Sections 126 and 110(a)(2)(D)(i); 40 CFR 51.121	SIP	Federal	No
3745-14-08	(H)(2)	shall	The designated representative of a NOx budget unit requesting alternative monitoring and reporting shall submit an application for an installation permit or an application for modification of an installation permit in accordance with Chapter 3745-31 of the Administrative Code, or shall submit an application for an operating permit or an application for a modification to an operating permit in accordance with the following:	3704.03(E)	Federal	CAA Sections 126 and 110(a)(2)(D)(i); 40 CFR 51.121	SIP	Federal	No
3745-14-08	(H)(3)	shall	The application for an installation or operating permit requesting alternative monitoring and reporting shall include all of the following:	3704.03(E)	Federal	CAA Sections 126 and 110(a)(2)(D)(i); 40 CFR 51.121	SIP	Federal	No
3745-14-08	(H)(4)	shall	Prior to the use of alternative monitoring and reporting, applicable terms and conditions, including 40 CFR Part 60 monitoring and reporting requirements, or an approved emission factor and monitoring procedures for fuel use and heat input, shall be specified in an installation permit...	3704.03(E)	Federal	CAA Sections 126 and 110(a)(2)(D)(i); 40 CFR 51.121	SIP	Federal	No
3745-14-08	(H)(5)	shall	When approved by the director, the owners and operators, and to the extent applicable, the designated representative of a NOx budget unit, shall comply with the monitoring and reporting requirements as provided during the control period.	3704.03(E)	Federal	CAA Sections 126 and 110(a)(2)(D)(i); 40 CFR 51.121	SIP	Federal	No
3745-14-08	(H)(6)	shall	The owners and operators, and to the extent applicable, the designated representative, of a NOx budget unit approved for alternative monitoring and reporting under paragraph (H) of this rule shall meet all of the following:	3704.03(E)	Federal	CAA Sections 126 and 110(a)(2)(D)(i); 40 CFR 51.121	SIP	Federal	No
3745-14-08	(H)(6)(d)	shall	If the emissions factor analysis submitted in accordance with (H)(3)(b) of this rule did not include a stack test, an initial stack test shall be conducted within ninety 3745-14-08 17 days of permit issuance.	3704.03(E)	Federal	CAA Sections 126 and 110(a)(2)(D)(i); 40 CFR 51.121	SIP	Federal	No
3745-14-08	(H)(6)(d)	shall	Ongoing stack tests shall be conducted at least once every five years from the date of the previous stack test for units still in operation.	3704.03(E)	Federal	CAA Sections 126 and 110(a)(2)(D)(i); 40 CFR 51.121	SIP	Federal	No
3745-14-08	(H)(6)(d)	shall	In the event a unit not in operation at the time a stack test was required under this paragraph resumes operation, a stack test shall be conducted within ninety days of resuming operation.	3704.03(E)	Federal	CAA Sections 126 and 110(a)(2)(D)(i); 40 CFR 51.121	SIP	Federal	No
3745-14-08	(H)(6)(d)	shall	Stack tests shall be conducted in accordance with a test method specified in the installation or operating permit and reported to the director within thirty days of the test.	3704.03(E)	Federal	CAA Sections 126 and 110(a)(2)(D)(i); 40 CFR 51.121	SIP	Federal	No
3745-14-08	(H)(6)(d)	shall	The designated representative shall submit an application in accordance with paragraph (H) of this rule within sixty days of notification by the director.	3704.03(E)	Federal	CAA Sections 126 and 110(a)(2)(D)(i); 40 CFR 51.121	SIP	Federal	No

3745-14-08	(H)(6)(e)	shall	These records shall be made available to the director or his representative upon request.	3704.03(E)	Federal	CAA Sections 126 and 110(a)(2)(D)(i); 40 CFR 51.121	SIP	Federal	No
3745-14-08	(H)(7)(a)	shall	No owner or operator of a NOx budget unit shall operate the unit so as to discharge, or allow to be discharged, NOx emissions to the atmosphere without accounting for all such emissions in accordance with the applicable provisions of paragraphs (H) of this rule.	3704.03(E)	Federal	CAA Sections 126 and 110(a)(2)(D)(i); 40 CFR 51.121	SIP	Federal	No
3745-14-08	(H)(7)(b)	shall	No owner or operator of a NOx budget unit shall retire or permanently discontinue use of the monitoring system, or any component thereof, except under any one of the following circumstances:	3704.03(E)	Federal	CAA Sections 126 and 110(a)(2)(D)(i); 40 CFR 51.121	SIP	Federal	No
3745-14-11	(A)	shall	The requirements of this rule shall apply only to following types of portland cement kilns	3704.03(E)	Federal	CAA Sections 126 and 110(a)(2)(D)(i); 40 CFR 51.121	SIP	Federal	No
3745-14-11	(B)	shall	After April 30, 2004, an owner or operator of any portland cement kiln subject to this rule shall not operate the kiln during May first through September thirtieth unless...	3704.03(E)	Federal	CAA Sections 126 and 110(a)(2)(D)(i); 40 CFR 51.121	SIP	Federal	No
3745-14-11	(C)(1)	shall	Any owner or operator subject to the requirements of paragraph (B) of this rule shall comply with the following requirements:	3704.03(E)	Federal	CAA Sections 126 and 110(a)(2)(D)(i); 40 CFR 51.121	SIP	Federal	No
3745-14-11	(C)(2)	shall	Any owner or operator of a unit subject to paragraph (B) of this rule shall complete an initial performance test and subsequent annual testing...	3704.03(E)	Federal	CAA Sections 126 and 110(a)(2)(D)(i); 40 CFR 51.121	SIP	Federal	No
3745-14-11	(C)(3)	shall	Any owner or operator of a unit subject to paragraph (B) of this rule shall produce and maintain records which shall include...	3704.03(E)	Federal	CAA Sections 126 and 110(a)(2)(D)(i); 40 CFR 51.121	SIP	Federal	No
3745-14-11	(C)(4)	shall	All records required to be produced or maintained shall be retained on site for a minimum of two years and be made available to the director or administrator upon request.	3704.03(E)	Federal	CAA Sections 126 and 110(a)(2)(D)(i); 40 CFR 51.121	SIP	Federal	No
3745-14-11	(D)	shall	The requirements of this rule shall not apply to the following periods of operation:	3704.03(E)	Federal	CAA Sections 126 and 110(a)(2)(D)(i); 40 CFR 51.121	SIP	Federal	No
3745-14-12	(B)(1)	shall	After May 1, 2007, an owner or operator of a large NOx SIP call engine shall not operate the engine in the 2007 control period or any subsequent year's control period unless the owner or operator complies with the requirements of a compliance plan which meets the following provisions:	3704.03(E)	Federal	CAA Sections 126 and 110(a)(2)(D)(i); 40 CFR 51.121	SIP	Federal	No
3745-14-12	(B)(1)(a)	shall	The compliance plan shall be approved by the director.	3704.03(E)	Federal	CAA Sections 126 and 110(a)(2)(D)(i); 40 CFR 51.121	SIP	Federal	No
3745-14-12	(B)(1)(b)	shall	The compliance plan shall demonstrate enforceable emission reductions...	3704.03(E)	Federal	CAA Sections 126 and 110(a)(2)(D)(i); 40 CFR 51.121	SIP	Federal	No
3745-14-12	(B)(1)(d)	shall	The compliance plan shall be submitted to the director by May 1, 2006.	3704.03(E)	Federal	CAA Sections 126 and 110(a)(2)(D)(i); 40 CFR 51.121	SIP	Federal	No
3745-14-12	(B)(1)(f)	shall	The compliance plan shall include the following items:	3704.03(E)	Federal	CAA Sections 126 and 110(a)(2)(D)(i); 40 CFR 51.121	SIP	Federal	No
3745-14-12	(B)(2)	shall	The projected NOx emission rate in grams per brake horsepower-hour for each affected engine shall be included in a federally enforceable permit.	3704.03(E)	Federal	CAA Sections 126 and 110(a)(2)(D)(i); 40 CFR 51.121	SIP	Federal	No
3745-14-12	(C)	shall	Any owner or operator subject to the requirements of paragraph (B) of this rule shall comply with the following:	3704.03(E)	Federal	CAA Sections 126 and 110(a)(2)(D)(i); 40 CFR 51.121	SIP	Federal	No
3745-14-12	(C)(2)	shall	The records shall be made available to the director and administrator upon request.	3704.03(E)	Federal	CAA Sections 126 and 110(a)(2)(D)(i); 40 CFR 51.121	SIP	Federal	No
3745-14-12	(C)(2)(b)	shall	For each engine subject to the requirements of this rule, the owner or operator shall maintain records of:	3704.03(E)	Federal	CAA Sections 126 and 110(a)(2)(D)(i); 40 CFR 51.121	SIP	Federal	No
3745-14-12	(C)(3)	shall	Any owner or operator subject to the requirements of this rule shall submit results of all compliance tests to the director.	3704.03(E)	Federal	CAA Sections 126 and 110(a)(2)(D)(i); 40 CFR 51.121	SIP	Federal	No
3745-14-01	(B)(2)(e)	required	"Automated data acquisition and handling system" or "DAHS" means that component of the CEMS... to produce a continuous record of the measured parameters in the measurement units required by paragraphs (A) to (G) of rule 3745-14-08 of the Administrative Code.	3704.03(E)	Federal	CAA Sections 126 and 110(a)(2)(D)(i); 40 CFR 51.121	SIP	Federal	No
3745-14-01	(B)(2)(o)	required	"Continuous emission monitoring system" or "CEMS" means the equipment required under paragraphs (A) to (G) of rule 3745-14-08...	3704.03(E)	Federal	CAA Sections 126 and 110(a)(2)(D)(i); 40 CFR 51.121	SIP	Federal	No
3745-14-01	(B)(2)(o)	required	The following are the principal types of continuous emission monitoring systems required under paragraphs (A) to (G) of rule 3745-14-08 of the Administrative Code and 40 CFR Part 75:	3704.03(E)	Federal	CAA Sections 126 and 110(a)(2)(D)(i); 40 CFR 51.121	SIP	Federal	No
3745-14-01	(D)(4)(a)(iii)	required	Copies of all reports, compliance certifications, and other submissions and all records made or required under the NOx budget program.	3704.03(E)	Federal	CAA Sections 126 and 110(a)(2)(D)(i); 40 CFR 51.121	SIP	Federal	No
3745-14-01	(D)(4)(b)	required	The designated representative of a NOx budget source and each NOx budget unit at the source shall submit the reports and compliance certifications required under the NOx budget program, including those under rule 3745-14-04 and rule 3745-14-08 of the Administrative Code.	3704.03(E)	Federal	CAA Sections 126 and 110(a)(2)(D)(i); 40 CFR 51.121	SIP	Federal	No
3745-14-03	(A)(1)	required	The designated representative of a NOx budget source subject to this rule required to have a federally enforceable permit for the source shall submit an application...	3704.03(E)	Federal	CAA Sections 126 and 110(a)(2)(D)(i); 40 CFR 51.121	SIP	Federal	No
3745-14-03	(A)(3)	required	The owners and operators of each NOx budget source required to have a federally enforceable permit shall operate the source in compliance with such permit.	3704.03(E)	Federal	CAA Sections 126 and 110(a)(2)(D)(i); 40 CFR 51.121	SIP	Federal	No
3745-14-03	(A)(4)	required	The owners and operators of a NOx budget source that is not otherwise required to have a federally enforceable permit are not required to submit a permit application, and to have a permit for such NOx budget source.	3704.03(E)	Federal	CAA Sections 126 and 110(a)(2)(D)(i); 40 CFR 51.121	SIP	Federal	No
3745-14-03	(A)(4)	required	The owners and operators of a NOx budget source that is not otherwise required to have a federally enforceable permit are not required to submit a permit application, and to have a permit for such NOx budget source.	3704.03(E)	Federal	CAA Sections 126 and 110(a)(2)(D)(i); 40 CFR 51.121	SIP	Federal	No

3745-14-03	(B)(1)(a)	required	For NOx budget sources required to have a Title V operating permit:	3704.03(E)	Federal	CAA Sections 126 and 110(a)(2)(D)(i); 40 CFR 51.121	SIP	Federal	No
3745-14-03	(B)(1)(b)	required	For NOx budget sources required to have a non-Title V operating permit:	3704.03(E)	Federal	CAA Sections 126 and 110(a)(2)(D)(i); 40 CFR 51.121	SIP	Federal	No
3745-14-03	(B)(2)(a)	required	For a NOx budget source required to have a Title V operating permit, the designated representative shall submit a complete permit renewal application...	3704.03(E)	Federal	CAA Sections 126 and 110(a)(2)(D)(i); 40 CFR 51.121	SIP	Federal	No
3745-14-03	(B)(2)(b)	required	For a NOx budget source required to have a non-Title V operating permit, the designated representative shall submit a complete permit application...	3704.03(E)	Federal	CAA Sections 126 and 110(a)(2)(D)(i); 40 CFR 51.121	SIP	Federal	No
3745-14-03	(D)(1)	required	Each permit (including any draft or proposed permit, if applicable) shall contain, in a format prescribed by the director, all elements required for a complete permit application under paragraph (C) of this rule.	3704.03(E)	Federal	CAA Sections 126 and 110(a)(2)(D)(i); 40 CFR 51.121	SIP	Federal	No
3745-14-04	(A)(2)(d)	required	If a change is required to be reported under paragraph (A)(2)(c) of this rule, specify the nature of the change, the reason for the change, when the change occurred, and how the unit's compliance status was determined subsequent to the change, including what method was used to determine emissions when a change mandated the need for monitor recertification.	3704.03(E)	Federal	CAA Sections 126 and 110(a)(2)(D)(i); 40 CFR 51.121	SIP	Federal	No
3745-14-08	(A)(2)(a)	required	Install all monitoring systems required under paragraphs (A) to (G) of this rule for monitoring NOx mass emissions.	3704.03(E)	Federal	CAA Sections 126 and 110(a)(2)(D)(i); 40 CFR 51.121	SIP	Federal	No
3745-14-08	(A)(2)(a)	required	(This includes all systems required to monitor NOx emission rate, NOx concentration, heat input rate, and stack flow rate, in accordance with 40 CFR 75.71 and 40 CFR 75.72.)	3704.03(E)	Federal	CAA Sections 126 and 110(a)(2)(D)(i); 40 CFR 51.121	SIP	Federal	No
3745-14-08	(A)(2)(c)	required	Successfully complete all certification tests required under paragraph (B) of this rule...	3704.03(E)	Federal	CAA Sections 126 and 110(a)(2)(D)(i); 40 CFR 51.121	SIP	Federal	No
3745-14-08	(A)(2)(d)	required	Record, report and quality assure the data from the monitoring systems required under paragraphs (A)(2)(a) and (A)(2)(b) of this rule.	3704.03(E)	Federal	CAA Sections 126 and 110(a)(2)(D)(i); 40 CFR 51.121	SIP	Federal	No
3745-14-08	(A)(2)(d)	required	The owner or operator of a NOx budget unit under paragraph (A)(3)(b), (A)(3) (c), (A)(3)(d) or (A)(3)(e) of this rule shall determine, record and report NOx mass emissions, heat input rate, and any other values required to determine NOx mass emissions...	3704.03(E)	Federal	CAA Sections 126 and 110(a)(2)(D)(i); 40 CFR 51.121	SIP	Federal	No
3745-14-08	(A)(2)(d)	required	No owner or operator of a NOx budget unit shall use any alternative monitoring system, alternative reference method, or any other alternative for the required continuous emission monitoring system without having obtained prior written approval in accordance with paragraph (F) or (H) of this rule.	3704.03(E)	Federal	CAA Sections 126 and 110(a)(2)(D)(i); 40 CFR 51.121	SIP	Federal	No
3745-14-08	(B)(1)(b)	required	For any additional CEMS required under the common stack provisions in 40 CFR 75.72, or for any NOx concentration CEMS used under the provisions of 40 CFR 75.71(a)(2), the owner or operator shall meet the requirements of paragraph (B)(2) of this rule.	3704.03(E)	Federal	CAA Sections 126 and 110(a)(2)(D)(i); 40 CFR 51.121	SIP	Federal	No
3745-14-08	(B)(1)(b)	requires	The owner or operator of a NOx budget unit that is subject to an acid rain emissions limitation and that requires additional CEMS under the common stack provisions in 40 CFR 75.72 or uses a NOx concentration CEMS under 40 CFR 75.71(a)(2) shall comply with the following.	3704.03(E)	Federal	CAA Sections 126 and 110(a)(2)(D)(i); 40 CFR 51.121	SIP	Federal	No
3745-14-08	(B)(2)(a)	required	The owner or operator shall ensure that each monitoring system required by 40 CFR Part 75, Subpart H (which includes the automated data acquisition and handling system) successfully completes all of the initial certification testing required under 40 CFR 75.20 by the applicable deadline in paragraph (A)(3) of this rule.	3704.03(E)	Federal	CAA Sections 126 and 110(a)(2)(D)(i); 40 CFR 51.121	SIP	Federal	No
3745-14-08	(B)(2)(a)	required	The owner or operator shall ensure that each monitoring system required by 40 CFR Part 75, Subpart H (which includes the automated data acquisition and handling system) successfully completes all of the initial certification testing required under 40 CFR 75.20 by the applicable deadline in paragraph (A)(3) of this rule.	3704.03(E)	Federal	CAA Sections 126 and 110(a)(2)(D)(i); 40 CFR 51.121	SIP	Federal	No
3745-14-08	(B)(2)(a)	required	In addition, whenever the owner or operator installs a monitoring system in order to meet the requirements of this chapter in a location where no such monitoring system was previously installed, initial certification according to 40 CFR 75.20 is required .	3704.03(E)	Federal	CAA Sections 126 and 110(a)(2)(D)(i); 40 CFR 51.121	SIP	Federal	No
3745-14-08	(B)(2)(b)	require	Examples of changes that require recertification include: replacement of the analyzer, complete replacement of an existing continuous emission monitoring system, or change in location or orientation of the sampling probe or site.	3704.03(E)	Federal	CAA Sections 126 and 110(a)(2)(D)(i); 40 CFR 51.121	SIP	Federal	No
3745-14-08	(B)(2)(c)(ii)	required	The designated representative shall submit to the administrator, the United States environmental protection agency region 5 office, and director a certification application for each monitoring system required under 40 CFR Part 75, Subpart H.	3704.03(E)	Federal	CAA Sections 126 and 110(a)(2)(D)(i); 40 CFR 51.121	SIP	Federal	No
3745-14-08	(B)(2)(c)(iv)(b)	required	A certification application shall be considered complete when all of the applicable information required to be submitted under paragraph (B)(2)(c)(ii) of this rule has been received by the director.	3704.03(E)	Federal	CAA Sections 126 and 110(a)(2)(D)(i); 40 CFR 51.121	SIP	Federal	No
3745-14-08	(B)(2)(c)(iv)(b)	required	If the certification application is not complete, then the director shall issue a written notice of incompleteness that sets a reasonable date by which the designated representative shall submit the additional information required to complete the certification application.	3704.03(E)	Federal	CAA Sections 126 and 110(a)(2)(D)(i); 40 CFR 51.121	SIP	Federal	No
3745-14-08	(D)	required	The designated representative for a NOx budget unit shall submit written notice of certification and recertification test dates to the director and the administrator in accordance with 40 CFR 75.61, except that if a unit is not subject to an acid rain emission limitation, notification is only required to be sent to the director.	3704.03(E)	Federal	CAA Sections 126 and 110(a)(2)(D)(i); 40 CFR 51.121	SIP	Federal	No
3745-14-08	(E)(1)(b)	required	If the designated representative for a NOx budget unit subject to an acid rain emission limitation who signed and certified any submission that is made under 40 CFR Part 75, Subpart F or 40 CFR Part 75, Subpart G and which includes data and information required under paragraphs (A) to (G) of this rule or 40 CFR Part 75, Subpart H...	3704.03(E)	Federal	CAA Sections 126 and 110(a)(2)(D)(i); 40 CFR 51.121	SIP	Federal	No
3745-14-08	(E)(2)(b)	required	The owner or operator of a unit subject to an acid rain emissions limitation shall comply with the requirements of 40 CFR 75.62, except that the monitoring plan shall also include all of the information required by 40 CFR Part 75, Subpart H.	3704.03(E)	Federal	CAA Sections 126 and 110(a)(2)(D)(i); 40 CFR 51.121	SIP	Federal	No

3745-14-08	(E)(2)(b)	required	The owner or operator of a unit that is not subject to an acid rain emissions limitation shall comply with the requirements of 40 CFR 75.62, except that the monitoring plan is only required to include the information required by 40 CFR Part 75, Subpart H.	3704.03(E)	Federal	CAA Sections 126 and 110(a)(2)(D)(i); 40 CFR 51.121	SIP	Federal	No
3745-14-08	(E)(2)(b)	required	The owner or operator of a unit that is not subject to an acid rain emissions limitation shall comply with the requirements of 40 CFR 75.62, except that the monitoring plan is only required to include the information required by 40 CFR Part 75, Subpart H.	3704.03(E)	Federal	CAA Sections 126 and 110(a)(2)(D)(i); 40 CFR 51.121	SIP	Federal	No
3745-14-08	(E)(3)	required	The designated representative shall submit an application to the administrator, United States environmental protection agency region 5 office, and the director within forty-five days after completing all initial certification or recertification tests required under paragraph (B) of this rule including the information required under 40 CFR Part 75, Subpart H.	3704.03(E)	Federal	CAA Sections 126 and 110(a)(2)(D)(i); 40 CFR 51.121	SIP	Federal	No
3745-14-08	(E)(3)	required	The designated representative shall submit an application to the administrator, United States environmental protection agency region 5 office, and the director within forty-five days after completing all initial certification or recertification tests required under paragraph (B) of this rule including the information required under 40 CFR Part 75, Subpart H.	3704.03(E)	Federal	CAA Sections 126 and 110(a)(2)(D)(i); 40 CFR 51.121	SIP	Federal	No
3745-14-08	(E)(4)(c)(i)	required	For units subject to an acid rain emissions limitation, quarterly reports shall include all of the data and information required in 40 CFR Part 75, Subpart H for each NOx budget unit (or group of units using a common stack) and the data and information required in 40 CFR Part 75, Subpart G.	3704.03(E)	Federal	CAA Sections 126 and 110(a)(2)(D)(i); 40 CFR 51.121	SIP	Federal	No
3745-14-08	(E)(4)(c)(i)	required	For units subject to an acid rain emissions limitation, quarterly reports shall include all of the data and information required in 40 CFR Part 75, Subpart H for each NOx budget unit (or group of units using a common stack) and the data and information required in 40 CFR Part 75, Subpart G.	3704.03(E)	Federal	CAA Sections 126 and 110(a)(2)(D)(i); 40 CFR 51.121	SIP	Federal	No
3745-14-08	(E)(4)(c)(ii)	required	For units not subject to an acid rain emissions limitation, quarterly reports are only required to include all of the data and information required in 40 CFR Part 75, Subpart H for each NOx budget unit (or group of units using a common stack).	3704.03(E)	Federal	CAA Sections 126 and 110(a)(2)(D)(i); 40 CFR 51.121	SIP	Federal	No
3745-14-08	(E)(4)(c)(ii)	required	For units not subject to an acid rain emissions limitation, quarterly reports are only required to include all of the data and information required in 40 CFR Part 75, Subpart H for each NOx budget unit (or group of units using a common stack).	3704.03(E)	Federal	CAA Sections 126 and 110(a)(2)(D)(i); 40 CFR 51.121	SIP	Federal	No
3745-14-08	(F)(1)(b)	required	Notwithstanding paragraph (F)(1)(a) of this rule, if the petition requests approval to apply an alternative to a requirement concerning any additional CEMS required under the common stack provisions of 40 CFR 75.72, the petition shall be governed by paragraph (F)(2) of this rule.	3704.03(E)	Federal	CAA Sections 126 and 110(a)(2)(D)(i); 40 CFR 51.121	SIP	Federal	No
3745-14-08	(F)(2)(a)	required	The designated representative of a NOx budget unit that is subject to an acid rain emission limitation may submit a petition under 40 CFR 75.66 to the director and the administrator requesting approval to apply an alternative to a requirement concerning any additional CEMS required under the common stack provisions of 40 CFR 75.72 or a NOx concentration CEMS used under 40 CFR 75.71(a)(2).	3704.03(E)	Federal	CAA Sections 126 and 110(a)(2)(D)(i); 40 CFR 51.121	SIP	Federal	No
3745-14-08	(H)(6)(b)	required	Install all monitoring systems required for alternative monitoring.	3704.03(E)	Federal	CAA Sections 126 and 110(a)(2)(D)(i); 40 CFR 51.121	SIP	Federal	No
3745-14-08	(H)(6)(c)	required	Record and report the data from the monitoring systems required under paragraph (H) of this rule in accordance with the terms and conditions in the installation or operating permit.	3704.03(E)	Federal	CAA Sections 126 and 110(a)(2)(D)(i); 40 CFR 51.121	SIP	Federal	No
3745-14-08	(H)(6)(c)	required	By April fifteenth of each year, report actual NOx emissions in tons, as determined using the approved alternative monitoring procedures, for the previous control period in the fee emissions report required in accordance with rule 3745-78-02 of the Administrative Code.	3704.03(E)	Federal	CAA Sections 126 and 110(a)(2)(D)(i); 40 CFR 51.121	SIP	Federal	No
3745-14-08	(H)(6)(d)	required	In the event a unit not in operation at the time a stack test was required under this paragraph resumes operation, a stack test shall be conducted within ninety days of resuming operation.	3704.03(E)	Federal	CAA Sections 126 and 110(a)(2)(D)(i); 40 CFR 51.121	SIP	Federal	No
3745-14-08	(H)(6)(d)	require	If a stack test indicates an emission factor may require adjustment, the director may require submission of an application in accordance with paragraph (H)(2) of this rule.	3704.03(E)	Federal	CAA Sections 126 and 110(a)(2)(D)(i); 40 CFR 51.121	SIP	Federal	No
3745-14-08	(H)(6)(d)	require	If a stack test indicates an emission factor may require adjustment, the director may require submission of an application in accordance with paragraph (H)(2) of this rule.	3704.03(E)	Federal	CAA Sections 126 and 110(a)(2)(D)(i); 40 CFR 51.121	SIP	Federal	No
3745-14-11	(C)(4)	required	All records required to be produced or maintained shall be retained on site for a minimum of two years and be made available to the director or administrator upon request.	3704.03(E)	Federal	CAA Sections 126 and 110(a)(2)(D)(i); 40 CFR 51.121	SIP	Federal	No
3745-14-11	(C)(1)(a)	required	Complete an initial performance test consistent with the requirements of 40 CFR Part 60, Appendix A, following installation of emission controls required to achieve the emission rate limit specified in paragraph (B)(2) of this rule.	3704.03(E)	Federal	CAA Sections 126 and 110(a)(2)(D)(i); 40 CFR 51.121	SIP	Federal	No

OAC Rule #	Paragraph	Restriction	Description/Quotation	Statutory Authority	State or Fed Law?	If Fed, crosswalk?	Federally delegated program?	Removal would require state or federal law change?	Requirement on the agency or director?
3745-15-01	(S)	require	"Ohio EPA" or "OEPA," means the Ohio environmental protection agency or the director as the context or other law or rules may require .	3704.03(E)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-15-02	None	shall	It is the purpose of all air pollution rules adopted ... to set forth such requirements as shall be necessary to secure and maintain those levels of air quality which are consistent with the protection of health...	3704.03(E)	Fed	CAA Section 110(a)	SIP	Yes	Yes
3745-15-02	None	shall	All regulations of the director shall be construed in such manner as to effectuate this purpose.	3704.03(E)	Fed	CAA Section 110(a)	SIP	Yes	Yes
3745-15-03	(A)	require	The director may require the keeping and periodic submission of records and reports	3704.03(E)	Fed	CAA Section 110(a)	SIP	Yes	Yes
3745-15-03	(A)	shall	Such information shall be recorded, compiled, and submitted in a manner and form prescribed by the director.	3704.03(E)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-15-03	(B)(1)	shall	Requirements under paragraph (C) of this rule shall be applicable to an owner or operator...	3704.03(E)	State	N/A	No	No	No
3745-15-03	(B)(1)(b)	shall	A federally enforceable permit-to-install and operate ... ; however, this requirement shall only be applicable to the terms and conditions specifically identified in the FEPTIO as subject to reporting under paragraph (C)...	3704.03(E)	State	N/A	No	No	No
3745-15-03	(B)(2)	shall	Requirements under paragraph (D) of this rule shall be applicable to an owner or operator...	3704.03(E)	State	N/A	No	No	No
3745-15-03	(C)(1)	shall	... each permit described under paragraph (B)(1) of this rule shall require the owner or operator submit a quarterly report of the following:	3704.03(E)	State	N/A	No	No	No
3745-15-03	(C)(1)	require	... each permit described under paragraph (B)(1) of this rule shall require the owner or operator submit a quarterly report of the following:	3704.03(E)	State	N/A	No	No	No
3745-15-03	(C)(1)(b)	shall	...the owner or operator shall submit a quarterly report...	3704.03(E)	State	N/A	No	No	No
3745-15-03	(C)(2)	shall	For the purposes of this rule, quarterly shall mean January to March, April to June, July to September, and October to December...	3704.03(E)	State	N/A	No	No	Yes
3745-15-03	(C)(2)	shall	...Each report shall be submitted by the thirty-first of January, thirtieth of April, ...	3704.03(E)	State	N/A	No	No	No
3745-15-03	(C)(2)	shall	...Each report ... shall cover the previous calendar quarter.	3704.03(E)	State	N/A	No	No	No
3745-15-03	(C)(3)	required	Unless required by Chapter 3745-77 of the Administrative Code, quarterly reports may exclude the requirements of paragraphs	3704.03(E)	State	N/A	No	No	No
3745-15-03	(C)(3)	shall	... reports may exclude the requirements of paragraphs (C)(1)(a) to (C)(1)(c) of this rule for reported deviations resulting from malfunctions reported in accordance with rule 3745-15-06 of the Administrative Code. In lieu of the requirements of paragraphs (C)(1)(a) to (C)(1)(c) of this rule, the owner or operator shall identify in the quarterly report...	3704.03(E)	State	N/A	No	No	No
3745-15-03	(C)(4)	shall	Reports submitted in accordance with Chapter 3745-77 of the Administrative Code for sources subject to Chapter 3745-77 of the Administrative Code, shall be deemed to meet the requirements...	3704.03(E)	State	N/A	No	No	No
3745-15-03	(C)(4)	required	... shall be deemed to meet the requirements for quarterly reporting under this rule if the requirements contained in paragraph (C) of this rule are satisfied in the reporting required under Chapter 3745-77 of the Administrative Code.		State	N/A	No	No	No
3745-15-03	(C)(4)	shall	The owner or operator shall identify in any report submitted...	3704.03(E)	State	N/A	No	No	No
3745-15-03	(D)(1)	shall	...each permit described under paragraph (B)(2) of this rule shall require the owner or operator to submit a permit evaluation report...	3704.03(E)	State	N/A	No	No	No
3745-15-03	(D)(1)	require	...each permit described under paragraph (B)(2) of this rule shall require the owner or operator to submit a permit evaluation report...	3704.03(E)	State	N/A	No	No	No
3745-15-03	(D)(1)(d)	shall	...the owner or operator shall identify in the permit evaluation report...	3704.03(E)	State	N/A	No	No	No
3745-15-03	(D)(2)(a)	shall	...the permit evaluation report shall be submitted annually...	3704.03(E)	State	N/A	No	No	No
3745-15-03	(D)(2)(a)	shall	The first permit, described under paragraph (B)(2) of this rule, issued to an owner or operator shall identify the reporting period for the covered air contaminant source.	3704.03(E)	State	N/A	No	No	No
3745-15-03	(D)(2)(a)	shall	This reporting period shall be applied to all subsequent air contaminant sources issued permits described under paragraph (B)(2) of this rule.	3704.03(E)	State	N/A	No	No	No
3745-15-03	(D)(2)(b)	shall	The permit evaluation report shall be submitted... by the due date specified.	3704.03(E)	State	N/A	No	No	No
3745-15-03	(D)(2)(c)	shall	The Ohio environmental protection agency shall provide opportunity for an owner or operator to request a change in the permit evaluation reporting period and due date through procedures established by the director.	3704.03(E)	State	N/A	No	No	Yes
3745-15-03	(D)(3)	required	Unless required by Chapter 3745-77 of the Administrative Code, permit evaluation reports may exclude...	3704.03(E)	State	N/A	No	No	No

3745-15-03	(D)(3)	shall	In lieu of the requirements of paragraphs (D)(1)(c) to (D)(1)(e) of this rule, the owner or operator shall identify in the permit evaluation report the date the malfunction occurred...	3704.03(E)	State	N/A	No	No	No
3745-15-04	(A)	require	The director may require ... have made tests to determine the emission of air contaminants...	3704.03(E)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-15-04	(A)	shall	All tests shall be conducted by qualified persons...	3704.03(E)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-15-04	(A)	shall	The owner or the owner's authorized agent shall notify the director	3704.03(E)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-15-04	(A)	shall	... the director's authorized representative shall be permitted to witness the tests.	3704.03(E)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-15-04	(A)	shall	The director shall be furnished with a written report...	3704.03(E)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-15-04	(A)	shall	...report shall be signed by the person...	3704.03(E)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-15-04	(A)	required	... The director may reject the results of any compliance test ... which is performed without the advance notice and information required by this paragraph.	3704.03(E)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-15-04	(B)	shall	... person responsible for the source to be tested shall provide necessary holes in stacks or ducts...	3704.03(E)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-15-04	(C)	require	The director may install, or require the owner or operator of any source of air contamination, at the owner or operator's expense, to install, use, and maintain monitoring equipment,...	3704.03(E)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-15-05	(A)(4)	shall	"Air pollution control equipment" shall mean...	3704.03(E)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-15-05	(A)(6)	shall	"Potential to emit" or "potential emissions" shall mean...	3704.03(E)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-15-05	(A)(6)	shall	Potential emissions shall be based on maximum rated capacity.	3704.03(E)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-15-05	(C)	shall	The exemption contained in paragraph (B) of this rule shall not apply to a source if any of the following applies...	3704.03(E)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-15-05	(C)(4)	shall	In determining the total emissions from a group of similar sources, an enforceable permit emission limit shall be used in lieu of the potential to emit for such source or sources.	3704.03(E)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-15-05	(E)	shall	...the owner or operator of the source shall maintain records that show that emissions...	3704.03(E)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-15-05	(E)	shall	...Records consisting of one or more of the following types of information, if applicable, shall be adequate to make that demonstration...	3704.03(E)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-15-05	(E)(4)	required	A description of all production constraints required for the source to comply with the exemption levels.	3704.03(E)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-15-05	(E)(6)	shall	... Compliance with paragraph (C)(4) of this rule shall be demonstrated.	3704.03(E)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-15-05	(F)	shall	Records developed under paragraph (E) of this rule shall be maintained...	3704.03(E)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-15-05	(F)	shall	... and shall be provided, upon request, to the director.	3704.03(E)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-15-05	(G)	shall	... shall provide information that is adequate to demonstrate that the source qualifies for the exemption.	3704.03(E)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-15-05	(H)	shall	Nothing in this rule shall be construed to exempt any source from requirements of the CAA...	3704.03(E)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-15-05	(H)	required	... this rule does not exempt any source that is a part of a major new source or major modification that would be required to meet any requirements under applicable state or federal regulations.	3704.03(E)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-15-05	(I)	shall	... the owner or operator of such source shall immediately submit a written report...	3704.03(E)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-15-05	(I)	shall	Upon request by the director, the owner or operator of such source shall submit an application for a permit to install...	3704.03(E)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-15-05	(I)	required	Upon request by the director, the owner or operator of such source shall submit an application for a permit to install if required by Chapter 3745-31...	3704.03(E)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-15-06	(A)	shall	Scheduled maintenance of air pollution control equipment shall be conducted according to the following:	3704.03(E)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-15-06	(A)(1)	shall	... maintenance of air pollution control equipment ... shall be considered to be a malfunction...	3704.03(E)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-15-06	(A)(1)	shall	... maintenance of air pollution control equipment ... and shall be subject to the provisions of paragraph (B) of this rule.	3704.03(E)	Fed	CAA Section 110(a)	SIP	Yes	No

3745-15-06	(A)(2)	requires	... scheduled maintenance of air pollution control equipment, that requires the shutdown or bypassing of said equipment, ...	3704.03(E)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-15-06	(A)(2)	must	... requires the shutdown or bypassing of said equipment, must be accompanied by the shutdown of the associated air pollution sources.	3704.03(E)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-15-06	(A)(3)	shall	... Any such request shall be made in a written report...	3704.03(E)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-15-06	(A)(3)	shall	... The director shall authorize the shutdown of the air pollution control equipment...	3704.03(E)	Fed	CAA Section 110(a)	SIP	Yes	Yes
3745-15-06	(A)(3)	shall	... Any written report submitted pursuant to this paragraph shall contain the following:	3704.03(E)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-15-06	(A)(3)(a)	shall	Identification and location of the specific source for which air pollution control equipment will be taken out of service. The identification shall include...	3704.03(E)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-15-06	(B)	shall	Malfunctions of air pollution control equipment shall be reported as follows:	3704.03(E)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-15-06	(B)(1)	shall	In the event that any emission source ... breaks down ... , the person responsible for such equipment shall immediately notify...	3704.03(E)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-15-06	(B)(1)	shall	... If the malfunction continues for more than seventy-two hours, the source owner or operator shall provide a written statement...	3704.03(E)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-15-06	(B)(1)	shall	... The immediate notification and written statement shall include the following data:	3704.03(E)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-15-06	(B)(1)(d)(iv)	required	All actions necessary and required by any ... plan will be or have been implemented.	3704.03(E)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-15-06	(B)(2)	shall	The Ohio environmental protection agency district office or delegate agency shall be notified...	3704.03(E)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-15-06	(B)(2)	shall	... Otherwise, such notification shall be in writing.	3704.03(E)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-15-06	(B)(3)	shall	... operator of such equipment shall prepare and submit a detailed report...	3704.03(E)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-15-06	(C)	shall	The director shall take appropriate action ...	3704.03(E)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-15-06	(D)	require	... the director may require the owner or operator ... to prepare, submit and implement a preventive maintenance and malfunction abatement plan	3704.03(E)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-15-06	(D)	shall	... Such plan shall be designed to prevent, detect and correct malfunctions...	3704.03(E)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-15-06	(D)(1)	shall	Each preventive maintenance and malfunction abatement plan shall be in writing and specify the following:	3704.03(E)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-15-06	(D)(2)	shall	... plan shall be specified in the terms and conditions of any permit...	3704.03(E)	Fed	CAA Section 110(a)	SIP	Yes	Yes
3745-15-06	(D)(3)	shall	...records shall be maintained by the owner or operator...	3704.03(E)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-15-06	(D)(3)	shall	... All such records shall be maintained for a minimum of two years...	3704.03(E)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-15-06	(D)(3)	shall	... and shall be subject to inspection by the director or his representative upon request.	3704.03(E)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-15-07	Rule Title	prohibited	Air pollution nuisances prohibited .	3704.03(E)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-15-07	(A)	shall	... smoke, ashes, dust, dirt, grime, acids, fumes, gases, vapors, or any other substances... It shall be unlawful for any person to cause, permit or maintain any such public nuisance.	3704.03(E)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-15-07	(B)	shall	... odors... It shall be unlawful for any person to cause, permit or maintain any such public nuisance.	3704.03(E)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-15-08	None	shall	No person shall cause or permit the installation...	3704.03(E)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-15-09	None	shall	... such invalidity shall not affect other provisions...	3704.03(E)	Fed	CAA Section 110(a)	SIP	Yes	No

OAC Rule #	Paragraph	Restriction	Description/Quotation	Statutory Authority	State or Fed Law?	If Fed, crosswalk?	Federally delegated program?	Removal would require state or federal law change?	Requirement on the agency or director?
OAC Chapter 3745-16 exempt from the JCARR process, and therefore exempt from the need for inclusion in the inventory									

OAC Rule #	Paragraph	Restriction	Description/Quotation	Statutory Authority	State or Fed Law?	If Fed, crosswalk?	Federally delegated program?	Removal would require state or federal law change?	Requirement on the agency or director?
3745-17-01	(A)	shall	Except as otherwise provided in this rule, the definitions in rule 3745-15-01 of the Administrative Code shall apply to this chapter	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-01	(B)(5)	shall	the definition of facility shall not include agricultural activities, such as the tilling of land, the harvesting of crops, the application of fertilizers, pesticides or herbicides, and grain drying, which are conducted on a farm.	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-01	(B)(6)(c)	shall	The stack gas average carbon dioxide and carbon monoxide concentrations for the test run shall be determined in accordance with the requirements in CSA B415.1-10 (R2015), clause 6.3, using a sampling interval no greater than one minute.	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-01	(B)(6)(c)	shall	The average stack gas carbon dioxide and carbon monoxide concentrations for purposes of this determination shall be the average of the stack gas concentrations from all sampling intervals over the full test run.	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-03	(A)	shall	For purposes of ascertaining, defining, and measuring ambient air quality, PM2.5 and PM10 shall be measured by the methods specified in paragraphs (B)(20) and (B)(21) of rule 3745-17-01 of the Administrative Code.	3704.03(E)	Federal Law	CAA 110(a)(1) add CAA 110(a)(2)(B)	SIP	Yes - Federal	No
3745-17-03	(A)	shall	Such measurements for PM10 shall be corrected to standard conditions for purposes of comparing measurements with the ambient air quality standards set forth in rule 3745-25-02 of the Administrative Code	3704.03(E)	Federal Law	CAA 110(a)(1) add CAA 110(a)(2)(B)	SIP	Yes - Federal	No
3745-17-03	(B)(1)	shall	For the purpose of determining compliance with paragraph (A)(1) of rule 3745-17-07 of the Administrative Code, visible particulate emissions shall be determined according to the following	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-03	(B)(1)(a)	shall	Except as provided in paragraph (B)(1)(b) of this rule, USEPA method 9 or continuous opacity monitoring as specified in paragraph (C) of this rule shall be employed	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-03	(B)(1)(b)	shall	The continuous opacity monitoring system shall comply with the requirements specified in 40 CFR 60.13 and shall be certified in accordance with "USEPA Performance Specification 1."	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-03	(B)(1)(b)	shall	The continuous opacity monitoring system shall comply with the requirements specified in 40 CFR 60.13 and shall be certified in accordance with "USEPA Performance Specification 1."	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-03	(B)(1)(b)	shall	During each calendar quarter, the permittee shall be deemed in compliance with paragraph (A)(1) of rule 3745-17-07 of the Administrative Code if the following conditions are met	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-03	(B)(2)(a)(i)	shall	The charging period shall begin when the coal from the charging system starts to enter the oven and shall end when the last charge port lid is replaced. Such charging period shall not include the period of time during which the port lids are reopened in order to sweep spilled coal into the oven	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-03	(B)(2)(a)(i)	shall	The charging period shall begin when the coal from the charging system starts to enter the oven and shall end when the last charge port lid is replaced. Such charging period shall not include the period of time during which the port lids are reopened in order to sweep spilled coal into the oven	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-03	(B)(2)(a)(ii)	shall	The observer shall stand on the topside of the coke oven battery such that a good view of all charge ports of the oven being charged and the charging system is possible	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-03	(B)(2)(a)(ii)	shall	During the charging period, the observer shall watch all the potential emission sources including the charge ports and the entire charging system.	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-03	(B)(2)(a)(ii)	shall	Upon observing the release of any visible particulate emission, an accumulative stopwatch shall be started	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-03	(B)(2)(a)(ii)	shall	The watch shall be stopped when the visible particulate emission stops and shall be restarted when a visible particulate emission reappears.	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-03	(B)(2)(a)(ii)	shall	The watch shall be stopped when the visible particulate emission stops and shall be restarted when a visible particulate emission reappears.	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-03	(B)(2)(a)(ii)	shall	The observer shall continue this procedure for the entire charging period.	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-03	(B)(2)(a)(ii)	shall	If visible particulate emissions should occur simultaneously from several points during a charge, the visible particulate emissions shall be timed collectively as one continuous visible particulate emission.	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-03	(B)(2)(a)(ii)	shall	Furthermore, visible particulate emissions which may start from one source immediately after those from another source shall be timed as one continuous visible particulate emission.	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-03	(B)(2)(a)(ii)	shall	The following visible particulate emissions shall not be timed: steam vapor, visible particulate emissions from burning ...	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-03	(B)(2)(a)(ii)	shall	The time recorded on the stopwatch shall represent the total time that visible particulate emissions are observed during a charge	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-03	(B)(2)(a)(ii)	shall	The number of seconds of visible particulate emissions observed for each charge shall be recorded on a data sheet	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No

3745-17-03	(B)(2)(a)(iii)	shall	A minimum of six consecutive charges shall be observed and the time in seconds of visible particulate emissions during such charges shall be totalled	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-03	(B)(2)(a)(iii)	shall	A minimum of six consecutive charges shall be observed and the time in seconds of visible particulate emissions during such charges shall be totalled	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-03	(B)(2)(a)(iii)	shall	If the observations of a set of consecutive charges is interrupted by an event not in the control of an observer, then the data for the interrupted charges shall be discarded and additional charges shall be observed until the total number of consecutive charges equals at least six	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-03	(B)(2)(a)(iii)	shall	If the observations of a set of consecutive charges is interrupted by an event not in the control of an observer, then the data for the interrupted charges shall be discarded and additional charges shall be observed until the total number of consecutive charges equals at least six	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-03	(B)(2)(a)(iii)	shall	For purposes of this paragraph, charges immediately preceding and following any interrupted or discarded charges shall be deemed consecutive.	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-03	(B)(2)(b)(i)	shall	The observer shall walk down the length of the top of the battery and shall complete the inspection in an expeditious manner consistent with the safety of the observer	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-03	(B)(2)(b)(i)	shall	The observer shall walk down the length of the top of the battery and shall complete the inspection in an expeditious manner consistent with the safety of the observer	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-03	(B)(2)(b)(i)	shall	If an observer elects to make two traverses for a battery which has two collector mains, the observer shall inspect one collector main during the first traverse and inspect the other collector main during the second traverse	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-03	(B)(2)(b)(i)	shall	During each traverse, the observer shall record the time of the beginning and end of each traverse and the identity of any charging hole or offtake piping system having visible particulate emissions.	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-03	(B)(2)(b)(ii)	shall	Visible particulate emissions from offtake piping shall include emissions from cracks or defects in the piping ...	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-03	(B)(2)(b)(ii)	shall	Visible particulate emissions from charging holes shall include emissions from the seal between the charging hole or stationary jumper pipe	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-03	(B)(2)(b)(ii)	shall	Visible particulate emissions which shall not be included are emissions caused by maintenance work in progress at an oven ...	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-03	(B)(2)(b)(ii)	shall	Visible particulate emissions from open offtake piping and charging holes, from a maximum of three ovens, shall be exempt. Regardless of the number of points from ...	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-03	(B)(2)(b)(ii)	shall	... the maximum entry for any oven with a single offtake system shall be one and the maximum entry for any oven with two offtake piping systems shall be two	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-03	(B)(2)(b)(ii)	shall	.... the maximum entry for any oven with a single offtake system shall be one and the maximum entry for any oven with two offtake piping systems shall be two	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-03	(B)(2)(b)(ii)	shall	The maximum number of charging hole leaks recorded for any oven shall not exceed the number of charging holes on that oven.	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-03	(B)(2)(b)(iii)	shall	The percentage of charging holes and offtake piping with visible particulate emissions shall be determined by totalling the number of charging holes ...	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-03	(B)(2)(b)(iii)	shall	For purposes of this paragraph, any oven which is not out of service for rebuild or maintenance work that is extensive enough to require the oven to be skipped in the charging sequence shall constitute an operating oven.	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-03	(B)(2)(b)(iii)	shall	Further, any opened charging hole or offtake piping lids on operating ovens shall be included as observed charging holes and offtake piping.	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-03	(B)(2)(c)(i)	shall	The observer shall observe visible particulate emissions by completely walking around the coke oven battery at a steady distance from a position just outside	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-03	(B)(2)(c)(i)	shall	The observer shall traverse each side of a battery expeditiously, recording the time of the beginning and end of each side traverse, the identity of each door having visible particulate emissions, and the identity of any door not observable during the traverse.	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-03	(B)(2)(c)(i)	shall	visible particulate emission from an individual door shall be noted on an inspection sheet when an observer determines any visible particulate emissions are occurring from any location on the perimeter of a coke oven door or chuck door	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-03	(B)(2)(c)(i)	shall	Visible particulate emissions observed at the top of the battery above a specific oven door but not clearly attributable to such door shall not be counted in this procedure	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-03	(B)(2)(c)(i)	shall	An observer shall observe each oven door only once while scanning the perimeter for any visible particulate emissions.	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-03	(B)(2)(c)(i)	shall	After a brief scan of an oven door, the observer shall move along his/her traverse, checking subsequent doors on the battery in a like manner	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-03	(B)(2)(c)(i)	shall	If a temporary machine obstruction occurs which blocks the view of a series of ovens, the ovens shall be bypassed and the remaining oven doors on that side of the battery shall be observed	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No

3745-17-03	(B)(2)(c)(i)	shall	If a temporary machine obstruction occurs which blocks the view of a series of ovens, the ovens shall be bypassed and the remaining oven doors on that side of the battery shall be observed	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-03	(B)(2)(c)(i)	shall	After completing one side, the observer shall proceed directly to the opposite side of the battery and	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-03	(B)(2)(c)(ii)	shall	The percentage of oven doors with visible particulate emissions shall be determined by totalling the number of doors with visible particulate emissions, dividing that sum by the total number of observed doors on operating ovens, and multiplying the result by one hundred per cent	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-03	(B)(2)(c)(ii)	shall	For purposes of this paragraph, any oven which is not out of service for a rebuild or maintenance work that is extensive enough to require that oven to be skipped in the charging sequence shall constitute an operating oven	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-03	(B)(2)(c)(ii)	shall	Further, any doors that are removed from operating ovens shall constitute unobserved doors	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-03	(B)(2)(d)	shall	For any pushing operations, visible particulate emissions shall be determined according to USEPA method 9 with the following modifications	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-03	(B)(2)(d)(i)	shall	Paragraph 2.5 ("Data Reduction") of USEPA method 9 shall not be used	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-03	(B)(2)(d)(ii)	shall	Visible particulate emission readings shall be recorded at fifteen-second intervals during each pushing operation observed and the average reading during each such operation shall be determined by summing the opacity readings and dividing this sum by the number of observations during that pushing operation	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-03	(B)(2)(d)(ii)	shall	Visible particulate emission readings shall be recorded at fifteen-second intervals during each pushing operation observed and the average reading during each such operation shall be determined by summing the opacity readings and dividing this sum by the number of observations during that pushing operation	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-03	(B)(3)	shall	visible emissions of fugitive dust shall be determined according to USEPA method 9 with the following modifications	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-03	(B)(3)(a)	shall	the data reduction and average opacity calculation shall be based upon sets of twelve consecutive visible emission observations recorded at fifteen-second intervals.	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-03	(B)(3)(b)	shall	Opacity observations shall be made from a position that provides the observer a clear view of the source and the fugitive dust with the sun behind the observer	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-03	(B)(3)(b)	shall	Except as provided in paragraphs (B)(3)(d) and (B)(3)(e) of this rule, opacity observations shall be made for the point of highest opacity within the fugitive dust.	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-03	(B)(3)(b)	shall	observations shall be made where the fugitive dust plume is distinctly separate from the falling material and from the surface of the pile.	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-03	(B)(3)(d)(i)	shall	A data set shall consist of twelve observations based on four uninterrupted vehicle passes,	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-03	(B)(3)(d)(i)	shall	The initial observation shall be taken immediately after passage of the first vehicle, at the point of highest opacity within the fugitive dust, and at four feet above the surface of the roadway or parking area	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-03	(B)(3)(d)(i)	shall	Two additional observations shall be taken at the same point as the initial observation and at five seconds and ten seconds after the initial reading.	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-03	(B)(3)(d)(i)	shall	The same procedure shall be conducted for the next three vehicle passes	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-03	(B)(3)(d)(i)	shall	If any interruption in observations during any vehicle pass occurs, the observations taken during that vehicle pass shall be discarded and the next vehicle pass shall be observed.	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-03	(B)(3)(d)(i)	shall	If any interruption in observations during any vehicle pass occurs, the observations taken during that vehicle pass shall be discarded and the next vehicle pass shall be observed.	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-03	(B)(3)(d)(ii)	shall	The data reduction and average opacity calculation shall be based upon the average of twelve observations in each data set	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-03	(B)(3)(e)	shall	...observations of fugitive dust resulting from a vehicle's movement upon a coal storage pile shall be made at a point no less than one vehicle length from the rear of the vehicle and at an elevation no lower than the maximum height of the vehicle.	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-03	(B)(3)(e)	shall	For purposes of this rule, vehicle length and height shall be based upon the length and height of the vehicle being observed.	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-03	(B)(4)	shall	visible emissions of fugitive dust shall be determined according to USEPA method 22 with the following modifications	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-03	(B)(4)(a)	shall	If the observer's view is obscured and observations shall be terminated prior to completing the necessary or desired observation period, the observer shall clearly note this fact on the observation form.	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-03	(B)(4)(a)	shall	If the observer's view is obscured and observations shall be terminated prior to completing the necessary or desired observation period, the observer shall clearly note this fact on the observation form.	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-03	(B)(4)(a)	shall	When the observer's view of the source is no longer obscured, the observations shall recommence to complete the observation period.	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-03	(B)(4)(b)	shall	The observer shall identify on the observation form all interruptions due to rest breaks.	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-03	(B)(4)(c)	shall	For the purpose of determining compliance with the applicable visible emission limitation, the observations, excluding break periods and periods of obscured vision, shall be considered continuous.	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No

3745-17-03	(B)(4)(d)	shall	For any roadway or parking area, the observer shall determine the presence and duration of visible particulate matter at the same point of the potential emissions and at a height approximately four feet above the surface of the roadway or parking area	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-03	(B)(5)	shall	Visible particulate emission readings other than those referenced in paragraph (B)(4) of this rule shall be determined by observers qualified according to tests and procedures set forth in USEPA method 9	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-03	(B)(6)	shall	Test specifications shall be submitted for this purpose at least thirty days before the proposed test date	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-03	(B)(7)(a)	shall	The amount of particulate emissions shall be determined by the test methods specified in paragraph (B)(15) of rule 3745-17-01 of the Administrative Code	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-03	(B)(7)(b)	shall	For electric arc furnaces at iron foundries, steel foundries and iron and steel mills, the sampling and measurement of the particulate emissions shall be performed	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-03	(B)(7)(c)	shall	For argon-oxygen decarburization vessels, the sampling and measurement of the particulate emissions shall be performed only during those operating intervals commencing with the pouring of hot metal into the vessel and ending with the completion of the tapping of the vessel.	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-03	(B)(7)(d)	shall	For basic oxygen furnaces, the sampling and measurement of the particulate emissions shall be performed only during those operating intervals commencing	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-03	(B)(7)(e)	shall	For hot metal transfer operations, the sampling and measurement of the particulate emissions shall be performed only during those operating intervals when hot metal is being poured	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-03	(B)(7)(f)	shall	For hot metal desulfurization operations, the sampling and measurement of the particulate emissions shall be performed only during those operating intervals	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-03	(B)(7)(g)	shall	For blast furnace casthouses, the sampling and measurement of the particulate emissions shall be performed only during the casting operation, commencing	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-03	(B)(7)(h)	shall	For pushing operations at coke oven batteries, one point of a probe traverse shall be sampled during each pushing operation and the sampling and measurement	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-03	(B)(7)(h)	shall	... of the particulate emissions shall be performed only during those operating intervals commencing with the first movement of the ram and ending with the full extension of the ram plus ten seconds or with the first movement of the quench car, whichever occurs first	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-03	(B)(8)(a)	shall	The amount of particulate emissions from an incinerator shall be determined by test methods specified in paragraph (B)(15)	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-03	(B)(8)(a)	shall	Emission tests shall be conducted at maximum burning capacity of the incinerator.	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-03	(B)(8)(b)	shall	The maximum burning capacity of an incinerator shall be the manufacturer's or designer's guaranteed maximum rate or such other rate as may be determined by the director in accordance with good engineering practices	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-03	(B)(8)(b)	shall	In case of conflict, the determination made by the director shall govern.	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-03	(B)(9)(a)	shall	The amount of particulate emissions shall be determined by test methods specified in paragraph (B)(15)	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-03	(B)(9)(a)	shall	...except that for USEPA method 5 the probe and filter holder heating systems in the sampling train shall be set to provide a gas temperature no greater than three hundred twenty degrees Fahrenheit (one hundred sixty degrees Celsius).	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-03	(B)(9)(b)	shall	The heat content of fuels shall be determined according to ASTM D5685-11	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-03	(B)(9)(c)	shall	The ash content of coal shall be determined according to ASTM D3174-12.	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-03	(B)(10)(a)	shall	The amount of particulate emissions shall be determined by test methods specified in paragraph (B)(15)	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-03	(B)(10)(b)	shall	The controlled mass rate of particulate emissions from sources equipped with control equipment, or the uncontrolled mass rate of particulate emissions from sources not equipped with control equipment, shall be determined by sampling	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-03	(B)(10)(c)	shall	For coke quench towers, the concentration of total dissolved solids in the quench water shall be determined according to Section 209(C),	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-03	(B)(10)(c)	shall	Analyses shall be performed on grab samples of the quench water as applied to the coke. Samples shall be collected at a minimum of five days per week per quench tower	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-03	(B)(10)(c)	shall	Samples shall be collected at a minimum of five days per week per quench tower and analyzed to report a weekly average concentration for each quench tower. Samples for each week shall be analyzed either	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-03	(B)(10)(c)	shall	Samples for each week shall be analyzed either:	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-03	(C)(1)	shall	Except as provided in paragraphs (D) and (E) of this rule, for any air contaminant source subject to 40 CFR part 51, appendix P, "Minimum Emission Monitoring Requirements," shall operate and maintain a continuous opacity monitoring system (COMS) for measuring opacity	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-03	(C)(1)	shall	The COMS shall comply with all specifications outlined in 40 CFR part 60, appendix B,	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-03	(C)(1)	shall	The COMS shall be capable of providing external calibration filter access in accordance with Section 5.1.9 of "USEPA Performance Specification 1.	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-03	(C)(2)	shall	Any owner or operator of a facility that meets the applicability requirements specified in paragraph (C)(1) of this rule shall submit reports to the director of excess	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No

3745-17-03	(C)(2)	shall	The reports shall include, but not be limited to, the times and values of all six-minute average readings of opacity above the applicable standard	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-03	(C)(2)	shall	In addition, the reports shall include the dates and times of each period during which the continuous emission monitoring system was inoperative, except for zero and span checks, and the nature of system repairs or adjustments.	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-03	(D)	shall	Upon approval of the use of the CEMS by the director and the administrator, the air contaminant source shall comply with the following	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-03	(D)(1)	shall	The owner or operator shall install, operate and maintain a CEMS for particulate emissions that meets 40 CFR part 60	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-03	(D)(1)(a)	shall	The owner or operator shall conduct a performance evaluation of the CEMS according to 40 CFR 60.13	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-03	(D)(1)(b)	shall	During each particulate emissions correlation testing run of the CEMS required by performance specification 11, particulate emissions and oxygen or carbon dioxide data shall be collected concurrently	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-03	(D)(1)(a)(i)	shall	For particulate emissions, USEPA method 5 or 5B of 40 CFR part 60, appendix A shall be used	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-03	(D)(1)(a)(ii)	shall	For oxygen or carbon dioxide, USEPA method 3A or 3B of 40 CFR part 60, appendix A, shall be used	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-03	(D)(1)(c)	shall	Quarterly accuracy determinations and the daily calibration drift tests shall be performed in accordance with 40 CFR part 60	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-03	(D)(1)(c)	shall	Relative response audits shall be performed annually and response correlation audits using one-hour test runs shall be performed every three years	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-03	(D)(1)(c)	shall	Relative response audits shall be performed annually and response correlation audits using one-hour test runs shall be performed every three years	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-03	(D)(2)	shall	Each air contaminant source that is equipped with a CEMS for particulate emissions in lieu of using COMS shall comply with a particulate emissions limit of 0.030	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-03	(D)(3)	shall	Compliance with the daily average particulate emission limitation shall be determined by calculating the arithmetic average of all valid CEMS hourly emission rates for particulate emissions for each air contaminant source operating day	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-03	(E)	shall	Upon approval of the use of the alternative monitoring plan by the director and the administrator, the air contaminant source shall comply with the following	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-03	(E)(1)	shall	The monitoring requirements and ranges of the parameters to be monitored shall be incorporated into the underlying federally enforceable permit-to-install and Title V permit as federally enforceable limits	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-03	(E)(2)	shall	The federally enforceable ranges of the parameters to be monitored shall be established such that, during the initial performance testing required under 40 CFR 60.8,	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-03	(E)(3)	shall	Each instance where any parameter required to be monitored under the alternative monitoring plan falls outside the federally enforceable ranges is considered a violation of the applicable particulate emissions limit, and shall be reported	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-03	(E)(3)	shall	The quarterly excess emission reports shall satisfy 40 CFR 60.7 and the permits and shall include, at a minimum, the following	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-03	(E)(3)	shall	The quarterly excess emission reports shall satisfy 40 CFR 60.7 and the permits and shall include, at a minimum, the following	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-04	(A)(1)	shall	... shall do either of the following	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-04	(A)(1)(a)	shall	Certify in writing to the director that such source is in compliance with paragraph (B)(2) of rule 3745-17-07 of the Administrative Code and paragraph (B) of rule 3745-17-08 of the Administrative Code, as applicable. Such certification shall include	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-04	(A)(1)(a)	shall	The certification shall also include an application for a permit-to-operate such source in accordance with rule 3745-35-02 of the Administrative Code if such source does not possess an effective permit	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-04	(A)(1)(b)	shall	Such application shall include a final control	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-04	(A)(2)	shall	Sandusky county, Ohio, shall comply with the certification and permit application requirements in paragraph (A)(1) of this rule by no later than October 1, 1982	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-04	(A)(4)	shall	shall comply with the requirements in either of the following	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-04	(A)(4)(a)	shall	Such certification shall include	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-04	(A)(4)(a)	shall	The certification shall also include an application for a permit-to-operate such source	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-04	(A)(4)(b)	shall	Such application shall include a final control plan and a compliance schedule which will bring the source into compliance	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-04	(A)(5)	shall	... shall comply with either of the following	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-04	(A)(5)(a)	shall	Such certification shall include: equipment description, Ohio EPA permit application number, and all necessary data	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-04	(A)(5)(a)	shall	The certification shall also include an application for a permit-to-operate such source in accordance with rule 3745-35-02	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-04	(A)(5)(b)	shall	Such application shall include a final control plan and a compliance schedule	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No

3745-17-04	(A)(6)	shall	... shall submit an application for a permit-to-operate in accordance with rule 3745-35-02	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-04	(A)(6)	shall	Such application shall include a final control plan and a compliance schedule	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-04	(B)(1)	shall	Any owner or operator of an air contaminant source, which is subject to rule 3745-17-07 of the Administrative Code, shall achieve compliance with the requirements by the following deadlines	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-04	(B)(2)	shall	Except as otherwise provided in paragraph (B)(3) of this rule, any owner or operator of a fugitive dust source, which is subject to paragraph (D) of rule 3745-17-08 of the Administrative Code, shall achieve compliance with paragraph (B) of rule 3745-17-08	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-04	(B)(3)	shall	... shall achieve compliance with paragraph (B) of rule 3745-17-08 of the Administrative Code as expeditiously as practicable	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-04	(B)(4)	shall	... shall achieve compliance with paragraph (C)(6)(b) of rule 3745-17-10	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-04	(B)(5)	shall	... shall achieve compliance with the requirements as expeditiously as practicable, but not later than the deadlines established in the following schedules	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-04	(B)(6)	shall	... shall achieve compliance with the requirements as expeditiously as practicable, but not later than the deadlines established in the following schedules	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-04	(B)(7)	shall	.... shall achieve compliance with the requirements as expeditiously as practicable, but not later than the deadlines established in the following schedules:	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-04	(B)(8)	shall	Any owner or operator of a facility, which is subject to paragraph (C)(1) of rule 3745-17-03 of the Administrative Code, shall achieve compliance with the requirements by January 31, 1998	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-07	(A)(1)(a)	shall	Except as otherwise specified in paragraphs (A)(1)(b), (A)(2) and (A)(3) of this rule, visible particulate emissions from any stack shall not exceed twenty per cent opacity, as a six-minute average	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-07	(A)(1)(a)	shall	for not more than six consecutive minutes in any sixty minutes, but shall not exceed sixty per cent opacity, as a six-minute average, at any time.	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-07	(A)(2)	shall	It shall be deemed not to be a violation of this rule where the presence of uncombined water is the only reason for failure of a stack emission to meet this rule	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-07	(A)(3)	shall	The visible particulate emission limitations established in paragraph (A)(1) of this rule shall not apply to the following	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-07	(A)(3)(j)	shall	For the purposes of this paragraph, "start-up" shall be defined as the point of commencement of firing the kiln until such time as the process is operating in a steady-state condition using its primary fuel	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-07	(B)(1)	shall	Except as provided in paragraphs (B)(2) to (B)(11) of this rule, visible particulate emissions from any fugitive dust source shall not exceed twenty per cent opacity as a three-minute average	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-07	(B)(2)	shall	Except as provided in paragraph (B)(11) of this rule, visible particulate emissions from the fugitive dust sources associated with a coke oven battery shall comply with the following:	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-07	(B)(2)(a)	shall	There shall be no visible particulate emissions from any charging operations except for a period of time not to exceed one hundred twenty-five seconds during any five consecutive charges.	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-07	(B)(2)(b)	shall	At no time shall there be visible particulate emissions from more than ten per cent of the offtake piping	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-07	(B)(2)(c)	shall	At no time shall there be visible particulate emissions from more than five per cent of the charging hole lids	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-07	(B)(2)(d)(ii)	shall	At no time shall there be visible particulate emissions from more than ten per cent of the oven doors	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-07	(B)(2)(d)(ii)	shall	... rule 3745-17-03 of the Administrative Code, shall be exempted from this visible emission limitation	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-07	(B)(2)(d)(iii)	shall	For purposes of this paragraph, an oven door and the associated chuck door on the pusher side of the battery shall be considered as one	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-07	(B)(2)(e)	shall	Visible particulate emissions during any pushing operations shall not exceed an average of twenty per cent opacity read above the battery top. For purposes of this paragraph, the duration of a pushing operation shall commence with the moving (or pushing) of the coke mass from an oven and shall conclude when the quench car enters the quench tower.	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-07	(B)(2)(e)	shall	Visible particulate emissions during any pushing operations shall not exceed an average of twenty per cent opacity read above the battery top. For purposes of this paragraph, the duration of a pushing operation shall commence with the moving (or pushing) of the coke mass from an oven and shall conclude when the quench car enters the quench tower.	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-07	(B)(2)(e)	shall	Visible particulate emissions during any pushing operations shall not exceed an average of twenty per cent opacity read above the battery top. For purposes of this paragraph, the duration of a pushing operation shall commence with the moving (or pushing) of the coke mass from an oven and shall conclude when the quench car enters the quench tower.	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-07	(B)(3)	shall	... blast furnace casthouses and sintering operations shall not exceed twenty per cent opacity as a six-minute average	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-07	(B)(4)	shall	Except as provided in paragraphs (B)(7), (B)(8), and (B)(11) of this rule, there shall be no visible particulate emissions from any paved roadway or parking area	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-07	(B)(5)	shall	Except as provided in paragraphs (B)(7), (B)(8), and (B)(11) of this rule, there shall be no visible particulate emissions	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No

3745-17-07	(B)(6)	shall	Except as provided in paragraphs (B)(7) to (B)(11) of this rule, there shall be no visible particulate emissions from any material storage pile except for a period of time not to exceed thirteen minutes during any sixty-minute observation period	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-07	(B)(7)	shall	.... Ohio Power Company, and The Toledo Edison Company" or any subsequent owners or operators of such facilities shall not exceed any of the following limitations	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-07	(B)(8)	shall	The Timken Company, or USS/KOBE Steel Company" or any subsequent owner or operator of such facilities shall not exceed any of the following limitations	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-07	(B)(11)	shall	The visible particulate emission limitations specified in paragraphs (B)(1) to (B)(9) of this rule shall not apply to the following	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-07	(B)(12)	shall	It shall be deemed not to be a violation of this rule where the presence of uncombined water is the only reason for failure of a fugitive dust emission to meet this rule	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-07	(C)(1)	shall	Any such request shall be made in writing at the time the test specifications and procedures are submitted to the director pursuant to paragraph (B)(6) of rule 3745-17-03 of the Administrative Code	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-07	(C)(2)	shall	... the director shall notify the owner or operator as expeditiously as practicable that he may request the director to establish an equivalent visible particulate emission limitation for the source. Such request shall be made in writing not later than thirty days following receipt of the notification from the director	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-07	(C)(2)	shall	... the director shall notify the owner or operator as expeditiously as practicable that he may request the director to establish an equivalent visible particulate emission limitation for the source. Such request shall be made in writing not later than thirty days following receipt of the notification from the director	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-07	(C)(3)	shall	Any written request for an equivalent visible particulate emission limitation from an owner or operator of an air contaminant source shall include information which demonstrates the following	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-07	(C)(4)	shall	Any such equivalent visible particulate emission limitation shall be specified in the terms and conditions of the permit, variance or order issued by the director for said source	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-07	(D)	shall	Any revision approved by the director in accordance with paragraphs (A)(3)(a)(i), (A)(3)(a)(ii), (A)(3)(b)(i), and (A)(3)(b)(ii) of this rule shall not revise the federally enforceable requirements of the state implementation plan until approved by the United States environmental protection agency	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-08	(A)(1)	shall	Except as otherwise specified in paragraph (A)(3) of this rule, paragraph (B) of this rule shall apply to any fugitive dust source which is located within the areas identified in appendix A to this rule	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-08	(A)(1)	shall	Except as additional time for achieving compliance is provided in paragraph (B) of rule 3745-17-04 of the Administrative Code, any such source shall comply with paragraph (B) of this rule by August 7, 1972 or the date of initial startup of the source, whichever is later	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-08	(A)(2)	shall	Notwithstanding the exemptions in paragraph (A)(3) of this rule, paragraph (B) of this rule shall apply to any fugitive dust source regardless of location if, in the director's judgment,	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-08	(A)(4)	shall	Paragraph (B) of this rule shall not apply to	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-08	(B)	shall	No person shall cause or permit any fugitive dust source to be operated; or any materials to be handled, transported, or stored; or a building or its appurtenances or a road to be used, constructed, altered, repaired, or demolished without taking or installing reasonably available control measures to prevent fugitive dust from becoming airborne	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-08	(B)	shall	Such reasonably available control measures shall include, but not be limited to, one or more of the following which are appropriate to minimize or eliminate visible particulate emissions of fugitive dust	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-08	(B)(3)	shall	The installation and use of hoods, fans, and other equipment to adequately enclose, contain, capture, vent and control the fugitive dust. Such equipment shall meet the following requirements	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-08	(C)	shall	For purposes of determining compliance with paragraph (B) of this rule, the director shall consider a control measure to be adequate if it complies with the following	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-08	(D)	shall	Any owner or operator of a facility which contains a fugitive dust source and which is located within any area identified in appendix A to this rule shall submit a certification or application for a permit-to-operate in accordance with paragraphs (A) and (B) of rule 3745-17-04 of the Administrative Code.	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-08	(D)	shall	This paragraph shall not exempt the owner or operator of a fugitive dust source which is not located within an area identified in appendix A to this rule from rule 3745-35-02 or 3745-77-02 of the Administrative Code	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-09	(A)(1)	shall	This rule shall apply to any incinerator except those regulated under Chapter 3745-75 of the Administrative Code	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-09	(A)(2)	shall	For the purposes of this rule, the total of the capacities of all incinerators which are united either physically or operationally shall be considered as the incineration capacity.	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-09	(B)	shall	No person shall cause, suffer, or allow to be emitted into the ambient air from any incinerators, particulate emissions in the exhaust gases in excess of either of the following	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-09	(C)	shall	Incinerators, including all associated equipment and grounds, shall be designed, operated and maintained so as to prevent the emission of objectionable odors	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No

3745-17-10	(B)	shall	For purposes of this rule the actual heat input shall be the aggregate heat content of all fuels whose products of combustion emanate from a single fuel burning unit	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-10	(B)	shall	The maximum capacity shall be the equipment manufacturer's or designer's guaranteed maximum heat input, whichever is greater	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-10	(B)	shall	.... the total heat input of all fuel burning units on a plant or premises which are united either physically or operationally shall be the total of the maximum capacities for all such units.	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-10	(B)	shall	The total heat input shall be used for determining the maximum allowable amount of particulate emissions per million Btu of actual heat input from any single fuel burning unit.	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-10	(B)(1)	shall	Any new or existing fuel burning equipment which is fired only with gaseous fuels or number two fuel oil and which is physically or operationally united with other fuel burning equipment on a plant or premises shall not be included by the director ...	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-10	(B)(1)	shall	The maximum allowable amount of particulate emissions for any new or existing fuel burning equipment which is fired only with gaseous fuels, excluding blast furnace gas or number two fuel oil shall be 0.020 pound per million Btu of actual heat input.	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-10	(B)(1)	shall	The maximum allowable amount of particulate emissions for any new or existing fuel burning equipment which is fired only with blast furnace gas or any mixture of blast furnace gas with other gaseous fuels or number two fuel oil shall be 0.040 pound per million Btu of actual heat input	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-10	(B)(2)	shall	Stand-by fuel burning equipment which is physically or operationally united with other fuel burning equipment on a plant or premises shall be exempted by the director	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-10	(B)(2)	shall	Except as provided in paragraph (B)(1) of this rule, the total heat input for such other fuel burning equipment shall be used for determining the maximum allowable amount of particulate emissions per million Btu of actual heat input for any stand-by fuel burning equipment.	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-10	(B)(3)(a)	shall	For purposes of this paragraph, fuel burning equipment shall include, where appropriate, all equipment on a plant or premises which are united either physically or operationally	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-10	(B)(3)(b)	shall	Any owner or operator requesting derating of fuel burning equipment shall demonstrate to the director	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-10	(B)(3)(c)	shall	The terms and conditions of any permit, variance, or order for equipment which has been granted a derated total heat input value shall prohibit the operation of such equipment at a level in excess of the derated total heat input value	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-10	(B)(3)(d)	shall	Any derating of fuel burning equipment approved by the director shall not revise the federally enforceable requirements of the state implementation plan until approved by the United States environmental protection agency	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-10	(B)(4)	shall	Fuel burning equipment which constitutes a new source and is physically or operationally united with existing fuel burning equipment on a plant or premises shall not be included by the director for purposes of	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-10	(B)(4)	shall	Except as may be provided in paragraphs (B)(1) or (B)(2) of this rule, the total heat input for the new and existing fuel burning equipment shall be used for determining	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-10	(C)(1)	shall	Except as provided in paragraph (B)(1) of this rule (as it pertains to gaseous fuels and number two fuel oil) and paragraphs (C)(3) to (C)(7) of this rule, any owner or operator of fuel burning equipment which is located within the following counties shall operate said equipment so that	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-10	(C)(2)	shall	any owner or operator of fuel burning equipment which is located within the following counties shall operate said equipment so that ...	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-10	(C)(6)(a)	shall	Conesville, Ohio" shall not cause or permit the particulate emissions from unit 4 main boiler	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-10	(C)(6)(b)	shall	Conesville, Ohio" shall not cause or permit the particulate emissions from unit 4 main boiler	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-10	(C)(7)(a)(i)	shall	The coal received for use in the fuel burning equipment has an ash content of less than 8.0 per cent by weight and a heat content of greater than thirteen thousand Btu per pound (ash content and heat content shall be determined on a dry basis	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-10	(C)(7)(a)(iv)	shall	No coal-fired fuel burning equipment which is subject to the alternative emission requirements of this rule shall be eligible for an equivalent visible particulate emission limitation pursuant to paragraph (C) of rule 3745-17-07 of the Administrative Code	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-10	(C)(7)(a)(iv)	shall	During January and July of each year, the owner or operator shall submit reports to the director which document the quality and quantity (on a dry basis) of each shipment of coal received during the previous six calendar months	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-10	(C)(7)(a)(vi)	shall	During January and July of each year, the owner or operator shall submit reports to the director which document the quality and quantity (on a dry basis) of each shipment of coal	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-10	(C)(7)(b)	shall	Any owner or operator of coal-fired fuel burning equipment who chooses to comply with paragraph (C)(7)(a) of this rule in lieu of paragraph (C)(1) or (C)(2) of this rule shall notify the director in writing.	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-10	(C)(7)(b)	shall	The written notification shall include sufficient information and commitments to demonstrate compliance with paragraph (C)(7)(a) of this rule	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No

3745-17-10	(C)(7)(b)	shall	the alternative emission requirements shall be specified in the terms and conditions of the permit to operate or variance issued for the source	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-11	(A)(1)(I)	shall	(any such exemption approved by the director shall be approved by the United States environmental protection agency as a revision of the state implementation plan	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-11	(A)(2)	shall	Except as otherwise indicated in paragraphs (A)(2)(a) to (A)(2)(c) of this rule, the more stringent of the two requirements shall apply.	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-11	(A)(2)(a)	shall	Figure II in the appendix to this rule shall not apply to any of the following	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-11	(A)(2)(b)	shall	Table I in the appendix to this rule shall not apply to any of the following	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-11	(A)(2)(c)	shall	Table I in the appendix to this rule shall apply to any fluid catalytic cracking unit at a petroleum refinery	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-11	(A)(3)	shall	.... shall be used for determining the maximum allowable mass rate of particulate emissions that pass through a stack or stacks from all such units	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-11	(A)(4)	shall	For fluid catalytic cracking units at petroleum refineries, "process weight" shall mean the total weight of recirculated catalyst and cold catalyst introduced into the catalyst regenerator	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-11	(B)(1)	shall	Except as specified in paragraph (B)(4), (B)(5), (B) (6) or (C) of this rule, any owner or operator of a source of particulate emissions which is located within the following counties shall operate said source so that ...	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-11	(B)(2)	shall	Except as otherwise provided in paragraph (B)(4), (B)(5) or (C) of this rule, any owner or operator of a source of emissions which is located within the following counties shall operate said source so that ..	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-11	(B)(3)	shall	Except as otherwise provided in paragraph (B)(4), (B)(5) or (C) of this rule, any owner or operator of a source of particulate emissions which is located within the following counties shall operate said source so that ...	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-11	(B)(4)	shall	Any owner or operator of a stationary gas turbine shall not cause or permit the particulate emissions from the turbine's exhaust to exceed 0.040 pound per million Btu of actual heat input	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-11	(B)(5)	shall	Any owner or operator of a stationary internal combustion engine shall not cause or permit the particulate emissions from the engine's exhaust to exceed the following	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-11	(B)(6)	shall	The "ArcelorMittal Cleveland LLC" (OEPA premise number 1318001613) or any subsequent owner or operator of the "ArcelorMittal Cleveland LLC" facility located at 3060 Eggers avenue, Cleveland, Ohio shall not cause ...	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-11	(C)(1)	shall	Any surface coating process not exempt under paragraphs (A)(1)(h) to (A)(1)(I) of this rule shall be controlled by a dry particulate filter, waterwash, or equivalent control device or devices	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-11	(C)(2)	shall	Any surface coating process not exempt under paragraphs (A)(1)(h) to (A)(1)(I) of this rule shall follow all of the following work practices	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-11	(C)(2)(a)	shall	The owner or operator shall maintain documentation of the manufacturer's recommendations, instructions, or operating manuals for the control devices	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-11	(C)(2)(b)	shall	The owner or operator shall operate the control devices in accordance with the manufacturer's recommendations, instructions, or operating manuals with any modifications deemed necessary by the owner or operator	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-11	(C)(2)(c)	shall	The owner or operator shall conduct periodic inspections of the control devices to determine whether the devices are operating in accordance with	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-11	(C)(2)(c)	shall	The periodic inspections of each control device shall be performed at a frequency that	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-11	(C)(2)(c)	shall	.... the owner or operator shall maintain a copy of the manufacturer's recommended inspection frequency.	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-11	(C)(2)(c)	shall	In addition to these periodic inspections, not less than once each calendar year the owner or operator shall conduct a comprehensive inspection of the control device while the emissions unit is shut down	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-11	(C)(2)(d)	shall	The owner or operator shall document each inspection of a control device by maintaining a record that includes the date of the inspection,	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-11	(C)(2)(e)	shall	... the control devices shall be expeditiously repaired or otherwise returned to operation in accordance with such requirements.	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-11	(C)(2)(e)	shall	The owner or operator shall maintain documentation of those periods when the control devices are not operating in accordance with such requirements.	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-11	(C)(2)(f)	shall	Any documentation required under paragraphs (C)(2)(d) and (C)(2)(e) of this rule shall be maintained for not less than five years	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-11	(C)(2)(g)	shall	Any documentation required under paragraphs (C)(2)(a) to (C)(2)(e) of this rule shall be maintained at the facility and shall be made available to Ohio EPA upon request	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-11	(C)(2)(g)	shall	Any documentation required under paragraphs (C)(2)(a) to (C)(2)(e) of this rule shall be maintained at the facility and shall be made available to Ohio EPA upon request	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-11	(C)(3)	shall	... the lowest achievable emission rate shall comply with such limitations and measures instead of paragraphs (C)(1) and (C)(2) of this rule	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-11	Appendix A	shall	The allowable rate of particulate emission (E) for process weight rates (P) not specifically listed in this table shall be obtained by use of the following equations	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No

3745-17-12	(A)	shall	Compliance with the emission limitations and control requirements specified in this rule shall be achieved in accordance with the time schedules contained in rule 3745-17-04 of the Administrative Code	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-12	(C)	shall	The "Cuyahoga Materials" (OEPA premise number 1318006023) or any subsequent owner or operator of the "Cuyahoga Materials" facility located at 2929 Rockefeller avenue, Cleveland, Ohio shall comply with all the following	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-12	(C)(1)	shall	For the unpaved roadways and parking areas (OEPA source number F001), there shall be no visible particulate emissions except for a period of time not to exceed three minutes during any sixty-minute observation period	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-12	(C)(2)	shall	For the crushed concrete storage piles (OEPA source number F002), there shall be no visible particulate emissions except for a period of time not to exceed one minute during any sixty-minute observation period	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-12	(C)(3)(a)	shall	All of the particulate emissions from source F004 shall either be vented to a baghouse or controlled by a wet suppression system	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-12	(C)(3)(b)	shall	If a baghouse is employed to control source F004, the total combined particulate emissions from all stacks associated with source F004 shall not exceed 2.4 pounds per hour	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-12	(C)(3)(c)	shall	Visible particulate emissions of fugitive dust from source F003, and from source F004 if a wet suppression system is employed, shall not exceed the following	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-12	(D)	shall	The "Boyas Excavating, Incorporated" (OEPA premise number 1318007300) or any subsequent owner or operator of the "Boyas Excavating, Incorporated" facility located at 2929 Broadway avenue, Cleveland, Ohio shall comply ...	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-12	(D)(1)	shall	All of the particulate emissions from this operation shall either be vented to a baghouse or controlled by a wet suppression system	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-12	(D)(2)	shall	If a baghouse is employed, the total combined particulate emissions from all stacks shall not exceed 1.2 pounds per hour	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-12	(D)(3)	shall	If a wet suppression system is employed, visible particulate emissions of fugitive dust shall not exceed ten per cent opacity as a six-minute average	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-12	(E)	shall	The "Boyas Excavating, Incorporated" (OEPA premise number 1318578710) or any subsequent owner or operator of the "Boyas Excavating, Incorporated" facility located at 11311 Rockside road, Valley View, Ohio shall not ...	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-12	(F)	shall	The "Cuyahoga Concrete Hummell Rd Plant" (OEPA premise number 1318122676) or any subsequent owner or operator of the facility located at 17251 Hummel road, Brook Park, Ohio shall comply with all the following ...	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-12	(F)(1)	shall	For the unpaved roadways and parking areas (OEPA source number F001), there shall be no visible particulate emissions except for a period of time not to exceed three minutes during any sixty-minute observation period	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-12	(F)(2)	shall	For the paved roadways and parking areas (OEPA source number F001), there shall be no visible particulate emissions except for a period of time not to exceed one minute during any sixty-minute observation period	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-12	(F)(3)	shall	For the cement transfer system associated with the concrete block manufacturing plant (OEPA source number F003), there shall be no visible particulate emissions	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-12	(F)(4)(a)	shall	All of the particulate emissions from this operation shall either be vented to a baghouse or controlled by a wet suppression system	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-12	(F)(4)(b)	shall	If a baghouse is employed, the total combined particulate emissions from all stacks shall not exceed 0.12 pound per hour	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-12	(F)(4)(c)	shall	If a wet suppression system is employed, visible particulate emissions of fugitive dust shall not exceed ten per cent opacity as a six-minute average	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-12	(F)(5)	shall	For the wet concrete batching operation (OEPA source number F004), the particulate emissions shall not exceed 0.17 pound per hour	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-12	(G)	shall	The "Cleveland Trinidad Paving Company" (OEPA premise number 1318001799) or any subsequent owner or operator of the "Cleveland Trinidad Paving Company" facility located at 3601 Trumbull avenue, Cleveland, Ohio shall comply with all the following emission limitations for particulate matter	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-12	(G)(1)	shall	For asphalt plant number 1 (OEPA source number P901), the particulate emissions shall not exceed 26.3 pounds per hour	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-12	(G)(2)	shall	For asphalt plant number 2 (OEPA source number P902), the particulate emissions shall not exceed 9.3 pounds per hour	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-12	(H)	shall	The "Cuyahoga Foundry Company" (OEPA premise number 1318171954) or any subsequent owner or operator of the "Cuyahoga Foundry Company" facility located at 4530 East 71st street, Cuyahoga Heights, Ohio shall not cause ...	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-12	(K)	shall	The "Harval, Incorporated" (OEPA premise number 1318005960) or any subsequent owner or operator of the "Harval, Incorporated" facility located at 1971 Carter road, Cleveland, Ohio shall not cause ...	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No

3745-17-12	(L)	shall	The "Independence Excavating Incorporated" (OEPA premise number 1318225730) or any subsequent owner or operator of the "Independence Excavating Incorporated" facility located at 4905 Warner road, Garfield Heights, Ohio shall comply ...	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-12	(L)(1)	shall	All of the particulate emissions from this operation shall either be vented to a baghouse or controlled by a wet suppression system	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-12	(L)(2)	shall	If a baghouse is employed, the total combined particulate emissions from all stacks shall not exceed 0.87 pound per hour	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-12	(L)(3)	shall	If a wet suppression system is employed, visible particulate emissions of fugitive dust shall not exceed ten per cent opacity as a six-minute average	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-12	(M)	shall	The "Lake Erie Asphalt Products Company" (OEPA premise number 1318220278) or any subsequent owner or operator of the "Lake Erie Asphalt Products Company" facility located at 8200 Old Granger road, Garfield Heights, Ohio shall comply with all the following emission limitations for particulate matter	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-12	(M)(1)	shall	For the unpaved roadways and parking areas (OEPA source number F001), there shall be no visible particulate emissions except for a period of time not to exceed three minutes during any sixty-minute observation period	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-12	(M)(2)	shall	For the paved roadways and parking areas (OEPA source number F001), there shall be no visible particulate emissions except for a period of time not to exceed one minute during any sixty-minute observation period	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-12	(M)(3)	shall	For the asphaltic concrete plant (OEPA source number P901), the particulate emissions shall not exceed 6.0 pounds per hour	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-12	(N)	shall	The "Lincoln Electric Company" (OEPA premise number 1318202137) or any subsequent owner or operator of the "Lincoln Electric Company" facility located at 22801 St. Clair Avenue, Cleveland, Ohio shall comply with all the of following	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-12	(N)(4)	shall	For the rotary flux kilns A to C (OEPA source numbers P902 to P904), the particulate emissions shall not exceed 2.4 pounds per hour from each kiln	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-12	(O)	shall	The "ArcelorMittal Cleveland" (OEPA premise number 1318001613) or any subsequent owner or operator of the "ArcelorMittal Cleveland" facility located at 3060 Eggers avenue, Cleveland, Ohio shall comply with all the following	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-12	(O)(3)	shall	For the hot metal reladling, desulfurization, slag raking, and ladle transfer operations (OEPA source number F209), the total particulate emissions from the baghouse serving this source shall not exceed 21.0 pounds per hour	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-12	(O)(10)	shall	For the numbers 94 and 95 basic oxygen furnace vessels at the number 2 shop (OEPA source numbers P925 and P926), the total particulate emissions from all of the stacks of the electrostatic precipitator serving such sources shall not exceed 39.8 pounds per hour	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-12	(P)	shall	The "ArcelorMittal Cleveland" (OEPA premise number 1318001613) or any subsequent owner or operator of the "ArcelorMittal Cleveland" facility located at 3060 Eggers avenue, Cleveland, Ohio shall comply with all the following	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-12	(P)(1)	shall	For boilers A to C (OEPA source numbers B001 to B003), the particulate emissions shall not exceed 0.086 pound per million Btu of actual heat input from each boiler	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-12	(P)(2)	shall	For the paved and unpaved roadways and parking areas - east and west side (OEPA source number F001), visible particulate emissions shall not exceed five per cent opacity, as determined in accordance with paragraph (B)(3) of rule 3745-17-03 of the Administrative Code	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-12	(P)(5)	shall	For the stove stacks associated with blast furnaces C-5 and C-6 (OEPA source numbers P903 and P904), the particulate emissions shall not exceed 11.7 pounds per hour from each source	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-12	(P)(6)	shall	... the particulate emissions from the stack of the secondary emission control baghouse serving such sources shall not exceed 10.3 pounds per hour	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-12	(P)(10)	shall	For the number 1 and 2 basic oxygen furnace vessels at the number 1 shop (OEPA source numbers P905 and P906), the particulate emissions from the suppressed combustion systems serving these sources shall not exceed 15.0 pounds per hour from each system	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-12	(R)	shall	The "Meech Foundry, Incorporated" (OEPA premise number 1318224005) or any subsequent owner or operator of the "Meech Foundry, Incorporated" facility located at 4730 Warner road, Garfield Heights, Ohio shall comply with all the following control requirements for particulate matter and recordkeeping requirements	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-12	(R)(1)	shall	For the cupola furnace (OEPA source number P901), the particulate emissions shall not exceed 10.8 pounds per hour	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-12	(R)(2)	shall	For the inoculation operation associated with the cupola furnace (OEPA source number P901), the operating hours shall not exceed 0.1 hour during any calendar day.	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-12	(R)(3)	shall	For the iron pouring and cooling operation associated with the cupola furnace (OEPA source number P901), the operating hours shall not exceed 3.0 hours during any calendar day	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No

3745-17-12	(R)(4)	shall	Daily records shall be maintained for the operations identified in paragraphs (R)(2) and (R)(3) of this rule to document compliance with the specified hourly operating restrictions.	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-12	(S)	shall	The "Ohio Aluminum Industries, Incorporated" (OEPA premise number 1318226416) or any subsequent owner or operator of the "Ohio Aluminum Industries, Incorporated" facility located at 4840 Warner road, Garfield Heights, Ohio shall comply with all the following	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-12	(S)(1)	shall	For the sand handling operation associated with the sand reclamation process (OEPA source number F001), the particulate emissions shall not exceed 0.90 pound per hour.	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-12	(S)(2)	shall	For the mold making operation associated with the sand reclamation process (OEPA source number F001), the particulate emissions shall not exceed 0.0055 pound per hour	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-12	(S)(3)	shall	For the casting shakeout operation associated with the sand reclamation process (OEPA source number F001), the particulate emissions shall not exceed 0.016 pound per hour	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-12	(S)(4)(1)	shall	The total combined particulate emissions from the control equipment shall not exceed 0.11 pound per hour	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-12	(S)(4)(2)	shall	There shall be no visible particulate emissions from the cleaning room	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-12	(U)	shall	The "Kokosing Materials Plant 519" (OEPA premise number 0142000095 or any subsequent owner or operator of the "Kokosing Materials Plant 519" facility located at 13700 McCracken road, Cleveland, Ohio shall comply with all the follo	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-12	(U)(1)	shall	For the unpaved roadways and parking areas (OEPA source number F001), there shall be no visible particulate emissions except for a period of time not to exceed three minutes during any sixty-minute observation period	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-12	(U)(2)	shall	For the paved roadways and parking areas (OEPA source number F001), there shall be no visible particulate emissions except for a period of time not to exceed one minute during any sixty-minute observation period	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-12	(U)(3)	shall	For the asphaltic concrete plant (OEPA source number P901), the particulate emissions shall not exceed 6.0 pounds per hour	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-12	(V)	shall	The "Standard Slag Company" (OEPA premise number 1318002662) or any subsequent owner or operator of the "Standard Slag Company" facility located at Campbell road and Harvard avenue, Cleveland, Ohio shall comply with all the following control requirements for particulate matter	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-12	(V)(1)	shall	For the unpaved roadways and parking areas (OEPA source number F001), there shall be no visible particulate emissions except for a period of time not to exceed three minutes during any sixty-minute observation	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-12	(V)(2)	shall	For the paved roadways and parking areas (OEPA source number F001), there shall be no visible particulate emissions except for a period of time not to exceed one minute during any sixty-minute observation period	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-12	(V)(3)	shall	For the slag storage piles (OEPA source number F002), there shall be no visible particulate emissions except for a period of time not to exceed one minute during any sixty-minute observation period.	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-12	(V)(4)(a)	shall	All of the particulate emissions from this operation shall either be vented to a baghouse or controlled by a wet suppression system.	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-12	(V)(4)(b)	shall	If a baghouse is employed, the total combined particulate emissions from all stacks shall not exceed 4.9 pounds per hour	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-12	(V)(4)(c)	shall	If a wet suppression system is employed, visible particulate emissions of fugitive dust shall not exceed ten per cent opacity as a six-minute average	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-12	(W)	shall	The "Stein, Incorporated" (OEPA premise number 1318003929) or any subsequent owner or operator of the "Stein, Incorporated" facility located at 3100 East 45th street, Cleveland, Ohio shall comply with both the following	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-12	(W)(1)	shall	For the slag storage piles (OEPA source number F005), there shall be no visible particulate emissions except for a period of time not to exceed one minute during any sixty-minute observation period	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-12	(W)(2)	shall	For the slag processing operations (OEPA source numbers F006 and F007), visible particulate emissions of fugitive dust shall not exceed ten per cent opacity as a six-minute average	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-12	(X)	shall	The "Stein, Incorporated" (OEPA premise number 1318005076) or any subsequent owner or operator of the "Stein, Incorporated" facility located at 3341 Jennings road, Cleveland, Ohio shall comply with all the following emission limitations for particulate matter	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-12	(X)(1)	shall	For the unpaved roadways and parking areas (OEPA source number F001), there shall be no visible particulate emissions except for a period of time not to exceed three minutes during any sixty-minute observation perio	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-12	(X)(2)	shall	For the slag unloading operation (OEPA source number F002), visible particulate emissions of fugitive dust shall not exceed ten per cent opacity as a six-minute average.	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-12	(X)(3)	shall	For the slag processing operation (OEPA source number F003), visible particulate emissions of fugitive dust shall not exceed ten per cent opacity as a six-minute average	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-12	(X)(4)	shall	For the slag storage piles (OEPA source number F004), there shall be no visible particulate emissions except for a period of time not to exceed one minute during any sixty-minute observation period	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No

3745-17-12	(Z)	shall	If any unpaved roadways and parking areas, or portions thereof, identified in paragraphs (C)(1), (E), (K), and (X)(1) of this rule are paved, the paved portions of the roadways and parking areas shall be subject to a limitation of no visible particulate emissions except for a period of time not to exceed one minute during any sixty-minute observation period.	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-13	(A)	shall	Compliance with the emission limitations and control requirements specified in this rule shall be achieved in accordance with the time schedules contained in rule 3745-17-04 of the Administrative Code	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-13	(B)	shall	The "Cyprus Amax Minerals Company" (OEPA premise number 0641000060) or any subsequent owner or operator of the "Cyprus Amax Minerals Company" facility located at 4243 County road 74, Cross Creek township, Jefferson county, Ohio shall comply with the following:	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-13	(B)(1)	shall	For the unpaved roadways and parking areas (OEPA source number F001), there shall be no visible particulate emissions except for a period of time not to exceed three minutes during any sixty-minute observation period	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-13	(B)(2)	shall	For the paved roadways and parking areas (OEPA source number F001), there shall be no visible particulate emissions except for a period of time not to exceed one minute during any sixty-minute observation period	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-13	(D)	shall	The "Mingo Junction Steel Works LLC" (OEPA premise number 0641090010) or any subsequent owner or operator of the "Mingo Junction Steel Works LLC" south facility located at 540 Commercial avenue, Mingo Junction, Ohio shall comply with all the following	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-13	(D)(1)	shall	For the roadways and parking areas (OEPA source number F001), this facility shall comply with the work practice plan in the appendix to this rule for the control of fugitive dust.	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-13	(D)(2)	shall	For the hot metal transfer operation from railcar to charge ladle (OEPA source number F009), the particulate emissions from the baghouse serving this source shall not exceed 3.5 pounds per hour	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-13	(D)(3)	shall	For the reheat furnaces number 2 through 4 (OEPA source numbers P006 to P008), the particulate emissions from each furnace shall not exceed 6.0 pounds per hour	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-13	(D)(5)	shall	For the basic oxygen furnaces (OEPA source numbers P904 and P905), the total particulate emissions from the scrubbers serving these sources shall not exceed 8.86 pounds per hour	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-13	(D)(6)	shall	For the desulfurization station (OEPA source number P907), the particulate emissions from the baghouse serving this source shall not exceed 3.71 pounds per hour	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-13 App	(A)(2)	shall	Total combined emissions of PM10 from unpaved roads, parking lots, laydown, entrance, unloading areas and berms, and irregular paved surfaces, and from paved roads, which are located at the Mingo Junction facility and are identified in Sections B and C of this Appendix, shall not exceed 7.67 pounds per hour.	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-13 App	(A)(3)	shall	Compliance with the emission limitation specified in Section A.2. of this Appendix shall be determined by the methodology set forth in the U.S. Environmental Protection Agency reference document	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-13 App	(B)(1)	shall	The Company shall employ dust control measures on all unpaved surfaces, and irregular paved surfaces that cannot be adequately cleaned under the provisions of Section C of this Appendix, identified in this Section and in accordance with the following	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-13 App	(B)(1)(a)	shall	All unpaved surfaces and irregular paved surfaces identified in Attachment 1 (map) shall be treated in accordance with the schedule in Attachment 1	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-13 App	(B)(1)(a)	shall	The dust suppressant application intensity and frequency during the first two months of this program shall be sufficient to achieve the ground inventory specified in Section B.1.d. by the end of the two-month period	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-13 App	(B)(1)(b)	shall	Tri-weekly, monthly and quarterly applications shall be accomplished before the end of the first full week of the tri-week/month/quarter except as provided under Sections B.1.e., B.1.f. and D below	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-13 App	(B)(1)(c)	shall	For each dust suppressant application during the initial two-month period of the dust control program, the concentrated dust suppressant shall be diluted at a ratio of not more than five (5) parts	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-13 App	(B)(1)(c)	shall	... water to one (1) part concentrate and the resulting solution shall be applied at a minimum rate of 1.0 gallon per square yard of unpaved or irregular paved surface.	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-13 App	(B)(1)(c)	shall	The dust suppressant shall be applied at sufficient intervals and intensities after the initial two-month period as to maintain the ground inventory	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-13 App	(B)(1)(c)	shall	Except as provided in Sections B.1.f. and D below, the continuing program shall provide for the application of dust suppressant specified in Attachment 1	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-13 App	(B)(1)(d)	shall	.... of the USEPA reference document Control of Open Fugitive Dust Sources (EPA-450/3-88-008) shall be maintained	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-13 App	(B)(2)	shall	Compliance with Section B.1. shall be determined in accordance with procedures set forth in this Appendix	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-13 App	(B)(3)	shall	The Company shall ensure the availability, required scheduling, and proper maintenance of spray trucks that are designed and equipped, at minimum ...	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-13 App	(B)(4)(a)	shall	The Company shall maintain records relative to the program to control emissions from unpaved roads, parking lots, laydown, entrance, unloading areas and berms, and irregular paved surfaces identified in Attachment 1	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-13 App	(B)(4)(a)	shall	These records shall include, at a minimum, the following:	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No

3745-17-13 App	(B)(4)(b)	shall	These records shall be retained by the Company for five (5) years and shall be made available to the Director or his representative upon request.	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-13 App	(B)(4)(b)	shall	These records shall be retained by the Company for five (5) years and shall be made available to the Director or his representative upon request.	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-13 App	(B)(4)(c)	shall	A calendar quarterly report shall be submitted to the Director or his representative	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-13 App	(B)(4)(c)	shall	The report shall contain the information cited above and a description of any deviations from the control program and the reasons for such deviations.	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-13 App	(B)(4)(c)	shall	The report shall be certified to be accurate by management and shall be submitted within fifteen (15) days after the end of the quarter	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-13 App	(B)(4)(c)	shall	The report shall be certified to be accurate by management and shall be submitted within fifteen (15) days after the end of the quarter	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-13 App	(B)(4)(d)	shall	The Company shall notify the Director or his representative, in writing, of any noncompliance with Section B of this Appendix	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-13 App	(B)(4)(d)	shall	Such notice shall be submitted within five (5) days of the non-compliance occurrence and shall include a detailed	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-13 App	(B)(4)(d)	shall	Such notice shall be submitted within five (5) days of the non-compliance occurrence and shall include a detailed	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-13 App	(B)(4)(e)	shall	The Company shall submit to the Director or his representative an annual report which demonstrates compliance with the PM10 emission rate specified in Section A.2. of this Appendix	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-13 App	(B)(4)(e)	shall	The PM10 emission rate for each individual network segment identified in Attachment 1 shall be reported along with the total PM10 emission rate for the facility	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-13 App	(B)(4)(e)	shall	The PM10 emission rates shall be calculated using the methodology specified in Section A.3. of this Appendix and shall reflect the road network as it exists at the end of each calendar year. Each annual report shall be submitted by no later than January 31 of the succeeding year.	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-13 App	(B)(4)(e)	shall	The PM10 emission rates shall be calculated using the methodology specified in Section A.3. of this Appendix and shall reflect the road network as it exists at the end of each calendar year. Each annual report shall be submitted by no later than January 31 of the succeeding year.	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-13 App	(B)(4)(e)	shall	The PM10 emission rates shall be calculated using the methodology specified in Section A.3. of this Appendix and shall reflect the road network as it exists at the end of each calendar year. Each annual report shall be submitted by no later than January 31 of the succeeding year.	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-13 App	(B)(5)	shall	The Company shall implement the dust control measures of Section B no later than the effective date of this rule	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-13 App	(C)(1)	shall	The Company shall employ dust control measures on all paved roads identified in this Section and in accordance with the following	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-13 App	(C)(1)(a)	shall	All paved roads identified in Attachment 1 (map) of this Appendix shall be cleaned via vacuum sweeping on a daily, year-round (twelve-month) basis except	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-13 App	(C)(1)(a)(i)	shall	Daily sweeping may be suspended only when there is snow, ice cover, or standing water on the surface. All such suspensions shall be reported and verified as required under Section C.4.	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-13 App	(C)(1)(a)(ii)	shall	Irregular paved surfaces that cannot feasibly or adequately be cleaned by vacuum sweeping shall be chemically sprayed in accordance with provisions of Section B.	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-13 App	(C)(2)	shall	Compliance with Section C.1. shall be determined in accordance with procedures set forth in this Appendix	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-13 App	(C)(3)(a)	shall	The Company shall ensure the availability, required scheduling, and proper maintenance of vacuum sweeping trucks	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-13 App	(C)(3)(a)	shall	The collection hopper of the vacuum truck shall be designed and maintained so as to prevent fugitive dust emissions.	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-13 App	(C)(3)(b)	shall	Material collected by the vacuum sweeping truck shall be handled and disposed of in a manner that minimizes fugitive dust emissions ...	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-13 App	(C)(4)(a)	shall	The Company shall maintain daily records for the paved road cleaning program. These records shall include, at a minimum, the following	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-13 App	(C)(4)(a)	shall	The Company shall maintain daily records for the paved road cleaning program. These records shall include, at a minimum, the following	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-13 App	(C)(4)(b)	shall	These records shall be retained by the Company for five (5) years and shall be made available to the Director or his representative upon request	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-13 App	(C)(4)(b)	shall	These records shall be retained by the Company for five (5) years and shall be made available to the Director or his representative upon request	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-13 App	(C)(4)(c)	shall	A calendar quarterly report shall be submitted to the Director or his representative.	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-13 App	(C)(4)(c)	shall	The report shall contain all of the information cited above and a description of any deviation from the control program	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No

3745-17-13 App	(C)(4)(c)	shall	The report shall be certified to be accurate by Company management and shall be submitted within fifteen (15) days after the end of the quarter	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-13 App	(C)(4)(c)	shall	The report shall be certified to be accurate by Company management and shall be submitted within fifteen (15) days after the end of the quarter	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-13 App	(C)(4)(d)	shall	The Company shall notify the Director or his representative, in writing, of any non-compliance with Section C of this Appendix	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-13 App	(C)(4)(d)	shall	Such notice shall be submitted within five (5) days of the non-compliance occurrence and shall include a detailed explanation	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-13 App	(C)(4)(d)	shall	Such notice shall be submitted within five (5) days of the non-compliance occurrence and shall include a detailed explanation	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-13 App	(C)(4)(e)	shall	The Company shall submit to the Director or his representative an annual report which demonstrates compliance with the PM10 emission rate	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-13 App	(C)(4)(e)	shall	The PM10 emission rate for each individual network segment identified in Attachment 1 shall be reported along with the total PM10 emission rate for each facility.	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-13 App	(C)(4)(e)	shall	The PM10 emission rates shall be calculated using the methodology specified in Section A.3. of this Appendix and shall reflect the road network as it exists at the end of each calendar year	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-13 App	(C)(4)(e)	shall	The PM10 emission rates shall be calculated using the methodology specified in Section A.3. of this Appendix and shall reflect the road network as it exists at the end of each calendar year	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-13 App	(C)(4)(e)	shall	Each annual report shall be submitted by no later than January 31 of the succeeding year	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-13 App	(C)(5)	shall	The Company shall implement the dust control measures of Section C no later than the effective date of this rule	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-13 App	(D)(1)	shall	No action shall be taken by the Company in employing the alternative practices until the Director or his representative issues a written approval to the Company.	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-13 App	(D)(2)	shall	If the Company begins to utilize any new roadway, parking lot or other vehicular activity area not shown in Attachment 1, it shall notify the Director	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-13 App	(D)(3)	shall	The Director or his representative shall not be precluded from requesting adjustments, including increased chemical suppressant application or cleaning,	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-14	(A)	shall	By not later than April 1, 1992, the owner or operator of each facility identified below shall submit to the Ohio EPA approvable control strategies and compliance schedules which meet the following	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-14	(A)(1)	shall	The control strategies shall be capable of reducing the particulate emissions from each of the facilities identified in this paragraph by each of the two levels specified in this paragraph for each facility:	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-14	(A)(2)	shall	Except as otherwise provided in this paragraph, the particulate emission reductions specified in paragraph (A)(1) of this rule shall be obtained from the sources identified for each affected facility	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-14	(A)(3)	shall	In calculating the control strategy, hourly particulate emission rate for a source, the maximum operating rate for the source shall be used	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-14	(A)(3)	shall	the baseline, hourly particulate emission rate shall be based upon the allowable emission rate specified in those rules and the maximum operating rate	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-14	(A)(3)	shall	and the control strategy shall be designed to reduce the particulate emissions below that baseline, hourly particulate emission rate	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-14	(A)(3)	shall	the baseline, hourly particulate emission rate shall be based upon the actual or allowable emission rate	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-14	(A)(3)	shall	whichever is lower, and the maximum operating rate; and the control strategy shall be designed to reduce the particulate emissions below that baseline, hourly particulate emission rate.	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-14	(A)(4)	shall	The following information shall be submitted for each source for which a control strategy is developed	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-14	(A)(5)	shall	The schedule for implementing each control strategy shall commence upon a formal determination and notification by the Ohio EPA	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-14	(A)(5)	shall	The schedule shall include dates for the following milestones:	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-14	(A)(5)(d)	shall	The owner or operator shall demonstrate to the satisfaction of the director that the schedule is as expeditious as practicable	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-14	(B)	shall	The control strategies and compliance schedules submitted in accordance with paragraph (A) of this rule shall be approved by the director through the issuance	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-14	(B)	shall	The findings and orders shall be submitted to and approved by the United States environmental protection agency as a revision to the Ohio state implementation plan for particulates.	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-14	(C)	shall	...paragraph (A)(1) of this rule shall implement the control strategies and schedules which have been approved by the director	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-14	(C)	shall	(Such formal determination and notification of nonattainment shall not occur prior to January 1, 1994.)	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-14	(C)	shall	the owner or operator of each affected facility shall implement the set of approved control strategies and compliance schedules which are designed to reduce the hourly particulate emission rate by fifteen per cent or more	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No

3745-17-14	(C)	shall	the owner or operator of each affected facility shall implement the approved control strategies and compliance schedules which are designed to reduce the hourly particulate emission rate by twenty-five per cent or more	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-14	(E)	shall	For purposes of this rule, PM10 shall be defined and determined in accordance with paragraph (B)(21) of rule 3745-17-01 of the Administrative Code	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-13 App	(D)(1)	must	Such alternative practices must be demonstrated to the Director or his representative	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-01	(B)(2)	required	British thermal unit or "Btu" means the amount of heat required to raise the temperature of one pound of water from fifty-nine degrees Fahrenheit to sixty degrees Fahrenheit at a constant pressure of one atmosphere	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-01	(B)(6)(a)	required	safety listing only allows operation of the fireplace with doors fully open. Operation with any required safety screen satisfies this requirement.	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-03	(B)(2)(b)(iii)	require	any oven which is not out of service for rebuild or maintenance work that is extensive enough to require the oven to be skipped in the charging sequence shall constitute an operating oven.	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-03	(B)(2)(c)(ii)	require	any oven which is not out of service for a rebuild or maintenance work that is extensive enough to require that oven to be skipped in the charging sequence shall constitute an operating oven	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-03	(D)(1)(b)	required	During each particulate emissions correlation testing run of the CEMS required by performance specification 11, particulate emissions and oxygen or carbon dioxide data shall be collected concurrently by both the CEMS and the performance tests conducted using the following	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-03	(E)(2)	required	The federally enforceable ranges of the parameters to be monitored shall be established such that, during the initial performance testing required under 40 CFR 60.8, performance testing required by permit, or other performance testing as required by law	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-03	(E)(2)	required	The federally enforceable ranges of the parameters to be monitored shall be established such that, during the initial performance testing required under 40 CFR 60.8, performance testing required by permit, or other performance testing as required by law	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-03	(E)(2)	required	The federally enforceable ranges of the parameters to be monitored shall be established such that, during the initial performance testing required under 40 CFR 60.8, performance testing required by permit, or other performance testing as required by law	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-03	(E)(3)	required	Each instance where any parameter required to be monitored under the alternative monitoring plan falls outside the federally enforceable ranges is considered a violation of the applicable particulate emissions limit, and shall be reported in quarterly excess emission reports required by the permit	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-03	(E)(3)	required	Each instance where any parameter required to be monitored under the alternative monitoring plan falls outside the federally enforceable ranges is considered a violation of the applicable particulate emissions limit, and shall be reported in quarterly excess emission reports required by the permit	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-04	(A)(3)	required	Any certification or application required by paragraph (A)(1) of this rule, or any permit issued by the director, may include multiple, similar fugitive dust sources ...	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-07	(A)(3)(a)(ii)	required	the director may incorporate a longer start-up time period in the permit or variance for such source for which an applicant demonstrates to the satisfaction of the director that the longer time period is required .	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-07	(A)(3)(b)(ii)	required	the director may incorporate a longer shutdown time period in the permit or variance for such source for which an applicant demonstrates to the satisfaction of the director that the longer time period is required .	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-07	(B)(11)(e)	requires	Any fugitive dust source which is not located within the geographical areas specified in appendix A of rule 3745-17-08 of the Administrative Code, unless the director, in accordance with paragraph (A)(2) of rule 3745-17-08 of the Administrative Code, requires the owner or operator to submit and implement a control program which will bring the fugitive dust source into compliance with paragraph (B) of rule 3745-17-08 of the Administrative Code	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-08	(A)(2)	require	the director may require the owner or operator of the fugitive dust source to apply for and obtain an operating permit in accordance with Chapter 3745-77 of the Administrative Code	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-08	(A)(2)	require	... require the owner or operator to submit and implement a control program which will bring the fugitive dust source into compliance with paragraph (B) of this rule as expeditiously as practicable	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-11	(C)(2)(f)	required	Any documentation required under paragraphs (C)(2)(d) and (C)(2)(e) of this rule shall be maintained for not less than five years	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-11	(C)(2)(g)	required	Any documentation required under paragraphs (C)(2)(a) to (C)(2)(e) of this rule shall be maintained at the facility and shall be made available to Ohio EPA upon request.	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-13 App	(B)(3)	required	The Company shall ensure the availability, required scheduling, and proper maintenance of spray trucks that are designed and equipped, at minimum, with a 2,000 gallon capacity tank, a	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-13 App	(B)(4)(d)	required	within five (5) days of the non-compliance occurrence and shall include a detailed explanation of the cause of such noncompliance, all remedial actions required , and the date by which compliance was or will be reestablished	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No

3745-17-13 App	(C)(1)(a)(i)	required	Daily sweeping may be suspended only when there is snow, ice cover, or standing water on the surface. All such suspensions shall be reported and verified as required under Section C.4. (Recordkeeping and Reporting).	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-13 App	(C)(3)(a)	required	The Company shall ensure the availability, required scheduling, and proper maintenance of vacuum sweeping trucks. The collection hopper of the vacuum truck shall be designed and maintained so as to prevent fugitive dust emissions	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-13 App	(C)(4)(d)	required	all remedial actions required and the date by which compliance was or will be reestablished	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-13 App	(D)(1)	required	The Company has the right to petition the Ohio EPA for written approval of definitive treatment methods, treatment schedules and procedures or reporting requirements different from those required herein	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-13 App	(D)(2)	required	it shall notify the Director or his representative in the reports required under this Appendix	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-14	(A)(1)	required	Total, required particulate emission reductions for the facility (in pounds per hour at the maximum operating rates)	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-14	(A)(2)	required	If the required reductions cannot reasonably be obtained from those sources, control strategies may be developed for other sources at the facility in order to meet the required reductions for the facility	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-14	(A)(2)	required	If the required reductions cannot reasonably be obtained from those sources, control strategies may be developed for other sources at the facility in order to meet the required reductions for the facility	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-01	(B)(39)	may not	Wood heaters may or may not include air ducts to deliver some portion of the heat produced to areas other than the space where the wood heater is located.	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-10	(B)(3)(c)	prohibit	The terms and conditions of any permit, variance, or order for equipment which has been granted a derated total heat input value shall prohibit the operation of such equipment at a level in excess of the derated total heat input value	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No
3745-17-10	(C)(7)(a)(ii)	prohibited	The use of flyash reinjection in the coal-fired fuel burning equipment is prohibited .	3704.03(E)	Federal Law	CAA 110(a)(1)	SIP	Yes - Federal	No

OAC Rule #	Paragraph	Restriction	Description/Quotation	Statutory Authority	State or Fed Law?	If Fed, crosswalk?	Federally delegated program?	Removal would require state or federal law change?	Requirement on the agency or director?
3745-18-01	(A)	Shall	Except as otherwise provided in paragraph (B) of this rule, the definitions in rule 3745-15-01 of the Administrative Code shall apply to this chapter.	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-01	(B)	Shall	The following definitions shall apply exclusively to this chapter:	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-03	(B)(1)	Shall	...any owner or operator of any sulfur dioxide emissions source subject to, and not specifically exempted from, rules 3745-18-06 to 3745-18-94 of the Administrative Code shall do either of the following:	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-03	(B)(1)(a)	Shall	Such certification shall include the following:	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-03	(B)(1)(b)	Shall	Such application shall include a compliance program which will bring the source into full compliance with...	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-03	(B)(2)	Shall	... any owner or operator of any sulfur dioxide emissions source subject to, and not specifically exempted from, rule 3745-18-56 of the Administrative Code (Mahoning county) shall certify in writing to the director,	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-03	(B)(2)	Shall	... in a form and manner the director shall specify,...	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	yes
3745-18-03	(B)(3)	Shall	... required by paragraphs (B)(1) and (B)(2) of this rule shall include...	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-03	(B)(4)	Shall	"U. S. Steel Seamless Tubular Operations, LLC - Lorain" (Ohio EPA premise number 0247080961), shall submit an application...	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-03	(B)(4)	Shall	...which application shall include a compliance program which will bring the source into full compliance...	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-03	(B)(6)	Shall	... any owner or operator of the "ArcelorMittal Cleveland LLC" (OEPA premise number 1318001613) shall do the following:...	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-03	(B)(7)	Shall	...and not specifically exempted from, rule 3745-18-37 of the Administrative Code, Hamilton county emissions limits, shall do the following:	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-03	(B)(8)	Shall	... and not specifically exempted from, rule 3745-18-15 of the Administrative Code, Butler county emissions limits, shall do the following:	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-03	(B)(9)	Shall	The following shall submit an application for an operating permit or...	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-03	(B)(9)	Shall	Such application shall include a compliance program which will...	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-03	(C)(1)	Shall	Except as otherwise provided in paragraphs (C)(2) to (C)(11) of this rule, no owner or operator shall cause, permit, or allow...	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-03	(C)(2)	Shall	No owner or operator shall cause, permit, or allow the operation or other use...	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-03	(C)(3)	Shall	No owner or operator shall cause, permit, or allow the operation or other use...	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-03	(C)(5)	Shall	Notwithstanding the provisions of paragraph (C)(1) of this rule, no owner or operator shall cause, permit, or allow the operation...	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-03	(C)(6)	Shall	... or who ceases operation in order to comply with the specified emission limits, shall bring any air contaminant source specified...	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-03	(C)(6)	Shall	The compliance time schedule for each source shall commence on the effective date...	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-03	(C)(6)(b)(i)	Shall	... the owner or operator of a facility specified in paragraph (C)(6)(a) of this rule shall notify the director of the intent...	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-03	(C)(6)(b)(i)	Shall	... and if utilizing low sulfur fuel to achieve compliance, the owner or operator shall submit to the director...	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-03	(C)(6)(b)(ii)	Shall	...a facility specified in paragraph (C)(6)(a) of this rule shall submit to the director,...	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-03	(C)(6)(b)(iii)	Shall	... the owner or operator of a facility specified in paragraph (C)(6)(a) of this rule shall submit to the director...	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-03	(C)(6)(b)(iv)	Shall	...the owner or operator of a facility specified in paragraph (C)(6)(a) of this rule shall submit to the director...	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-03	(C)(6)(b)(v)	Shall	... the owner or operator of a facility specified in paragraph (C)(6)(a) of this rule shall award contracts for necessary boiler or emission control modifications...	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-03	(C)(6)(b)(vi)	Shall	... the owner or operator of a facility specified in paragraph (C)(6)(a) of this rule shall initiate on-site modifications,...	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-03	(C)(6)(b)(vii)	Shall	... the owner or operator utilizing low sulfur fuel to achieve compliance at a facility specified in paragraph (C)(6)(a) of this rule shall complete on-site modifications,...	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-03	(C)(6)(b)(viii)	Shall	... The owner or operator using low sulfur fuels to achieve compliance at a facility specified in paragraph (C)(6)(a) of this rule shall achieve final compliance with the applicable emission limits...	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-03	(C)(6)(b)(ix)	Shall	... the owner or operator installing new emission control systems, or modifying existing emission control systems in order to comply with the emission limits at a facility specified in paragraph (C)(6)(a) of this rule shall complete on-site modifications or installations ...	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-03	(C)(6)(b)(x)	Shall	... the owner or operator installing new emission control systems, or modifying existing emission control systems in order to comply with the emission limits at a facility specified in paragraph (C)(6)(a) of this rule shall achieve final compliance with the applicable emission limits specified in rules 3745-18-06 to 3745-18-94 ...	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-03	(C)(7)(a)	Shall	... any owner or operator who utilizes low sulfur fuels, or who installs new emission control systems, or who modifies existing emission control systems, or who ceases operation in order to comply with the specified emission limits, shall bring any subject air contaminant source into compliance with the limits specified in ...	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	

3745-18-03	(C)(7)(a)	Shall	The commencement date of the compliance time schedule shall be October 31, 1991.	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-03	(C)(7)(b)(i)	Shall	... the owner or operator of a facility specified therein shall notify the director...	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-03	(C)(7)(b)(i)	Shall	... the owner or operator shall submit to the director a ten year projection of the amount of fuels...	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-03	(C)(7)(b)(ii)	Shall	... the owner or operator of a facility specified therein shall submit to the director,...	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-03	(C)(7)(b)(iii)	Shall	... the owner or operator of a facility specified therein shall submit to the director a statement...	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-03	(C)(7)(b)(iv)	Shall	... the owner or operator of a facility specified therein shall submit to the director final plans...	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-03	(C)(7)(b)(v)	Shall	... the owner or operator of a facility specified therein shall award contracts for necessary boiler or emission control modifications...	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-03	(C)(7)(b)(vi)	Shall	... the owner or operator of a facility specified therein shall initiate on-site modifications...	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-03	(C)(7)(b)(vii)	Shall	... the owner or operator utilizing low sulfur fuel to achieve compliance at a facility specified therein shall complete on-site modifications...	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-03	(C)(7)(b)(viii)	Shall	... the owner or operator utilizing low sulfur fuel to achieve compliance at a facility specified therein shall achieve final compliance with...	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-03	(C)(7)(b)(ix)	Shall	... the owner or operator installing new emission control systems, or modifying existing emission control systems in order to achieve compliance at a facility specified therein shall complete on-site modifications...	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-03	(C)(7)(b)(x)	Shall	... the owner or operator installing new emission control systems or modifying existing emission control systems in order to achieve compliance at a facility specified therein shall achieve final compliance with...	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-03	(C)(8)(a)	Shall	... any owner or operator who utilizes low sulfur fuels, or who installs new emission control systems, or who modifies existing emission control systems, or who ceases operation in order to comply with the specified emission limits, shall bring any subject air contaminant source into compliance with the limits specified in...	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-03	(C)(8)(a)	Shall	The commencement date of the compliance time schedule shall be October 31, 1991.	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-03	(C)(8)(b)(i)	Shall	... the owner or operator of a facility specified in paragraph (C)(8)(a) of this rule shall notify the director...	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-03	(C)(8)(b)(i)	Shall	... the owner or operator shall submit to the director a ten year projection of the amount of fuels...	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-03	(C)(8)(b)(ii)	Shall	... the owner or operator of a facility specified in paragraph (C)(8)(a) of this rule shall submit to the director...	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-03	(C)(8)(b)(iii)	Shall	... the owner or operator of a facility specified in paragraph (C)(8)(a) of this rule shall submit to the director a statement as to whether...	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-03	(C)(8)(b)(iv)	Shall	... the owner or operator of a facility specified in paragraph (C)(8)(a) of this rule shall submit to the director final plans...	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-03	(C)(8)(b)(v)	Shall	... the owner or operator of a facility specified in paragraph (C)(8)(a) of this rule shall award contracts for necessary boiler or emission control modifications...	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-03	(C)(8)(b)(vi)	Shall	... the owner or operator of a facility specified in paragraph (C)(8)(a) of this rule shall initiate on-site modifications...	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-03	(C)(8)(b)(vii)	Shall	... the owner or operator utilizing low sulfur fuel to achieve compliance at a facility specified in paragraph (C)(8)(a) of this rule shall complete on-site modifications,...	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-03	(C)(8)(b)(viii)	Shall	... the owner or operator utilizing low sulfur fuel to achieve compliance at a facility specified in paragraph (C)(8)(a) of this rule shall achieve final compliance with...	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-03	(C)(8)(b)(ix)	Shall	... the owner or operator installing new emission control systems, or modifying existing emission control systems in order to achieve compliance at a facility specified in paragraph (C)(8)(a) of this rule shall complete on-site modifications or installations...	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-03	(C)(8)(b)(x)	Shall	... the owner or operator installing new emission control systems or modifying existing emission control systems in order to achieve compliance at a facility specified in paragraph (C)(8)(a) of this rule shall achieve final compliance with the applicable emission limits...	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-03	(C)(9)(a)	Shall	... any owner or operator who utilizes low sulfur fuels, or who installs new emission control systems, or who modifies existing emission control systems, or who ceases operation in order to comply with the specified emission limits, shall bring any subject air contaminant source...	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-03	(C)(9)(a)	Shall	The commencement date of the compliance time schedule shall be October 31, 1991.	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-03	(C)(9)(b)(i)	Shall	... the owner or operator of the facility shall submit to the director a final control plan...	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-03	(C)(9)(b)(i)	Shall	... the owner or operator shall submit to the director a ten year projection of the amount of fuels by types that...	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-03	(C)(9)(b)(ii)	Shall	... the owner or operator of the facility shall submit to the director,...	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-03	(C)(9)(b)(iii)	Shall	... the owner or operator of the facility shall negotiate and sign all necessary contracts...	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-03	(C)(9)(b)(iv)	Shall	... the owner or operator of the facility shall initiate on-site construction or installation...	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-03	(C)(9)(b)(v)	Shall	... the owner or operator of the facility shall complete construction,...	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-03	(C)(9)(b)(v)	Shall	... and shall certify compliance to the director in accordance with paragraph (B) of this rule.	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-03	(C)(9)(b)(vi)	Shall not	... source B007 shall not be operated except in compliance with the requirements of paragraph (BB)...	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-03	(C)(11)	Shall	... no owner or operator shall cause, permit, or allow the operation or other use of any air contaminant source...	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-03	(D)(1)	shall	Any owner or operator of an air contaminant source specified ... shall notify the director of the selected emission limits...	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-03	(D)(2)(a)	shall	... the owner or operator shall notify the director of the selected alternative emission limits...	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	

3745-18-03	(D)(2)(a)	shall	... and shall bring any subject source into compliance with the selected alternative emission limits as expeditiously as practicable,...	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-03	(D)(2)(b)	shall	... such owner or operator shall notify the director at least ninety days prior to the intended date of final compliance with...	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-03	(D)(2)(b)	shall	Any air contaminant source having alternative emission limits shall continuously comply...	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-04	(A)	shall	... the non-continuous test methods used for determining compliance with the allowable emission limits in rules 3745-18-06 to 3745-18-94 of the Administrative Code shall be those specified...	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-04	(B)	shall	The test methods and procedures used for determining compliance with the allowable emission limits for any sulfur recovery plant shall be those specified in 40 CFR 60.46.	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-04	(C)	shall	The test methods and procedures used for determining compliance with the allowable emission limit for any sulfuric acid production unit or any primary zinc smelter shall be those specified in 40 CFR 60.85.	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-04	(D)	shall	...the test methods and procedures used for determining compliance with the allowable emission limit for any fuel burning equipment burning coal shall be one of the following:	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-04	(D)(2)	shall	Emission rates shall be determined using methods specified in...	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-04	(D)(2)	shall	... Compliance with the applicable sulfur dioxide emission limitation shall be based on daily calculations using an arithmetic average of all data available for the preceding thirty-day period.	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-04	(D)(3)	shall	The representative sulfur dioxide emission rate from any sample shall be calculated using...	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-04	(D)(3)	shall	Coal monitoring and compliance determination procedures shall include the following:	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-04	(D)(3)(a)	shall	Compliance with the applicable sulfur dioxide emission limit shall be determined based on the weighted arithmetic average...	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-04	(D)(3)(b)	shall	Such composite samples shall be composed of either periodic as-fired samples,...	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-04	(D)(3)(b)	shall	Compliance with the applicable sulfur dioxide emission limit shall be determined based on the analysis of each monthly composite sample.	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-04	(D)(3)(c)	shall	Fuel supplier analyses shall be obtained for each shipment received during the calendar month.	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-04	(D)(3)(c)	shall	Compliance with the applicable sulfur dioxide emission limit shall be determined based on the weighted arithmetic average of all fuel supplier analyses for each calendar month.	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-04	(D)(5)(a)	shall	For any fuel burning equipment burning coal at the following sources, compliance with the applicable sulfur dioxide emission limits shall be determined using...	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-04	(D)(5)(a)	shall not	A determination of noncompliance pursuant to either of these methods shall not be refuted by evidence of compliance pursuant to the other method:	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-04	(D)(5)(b)	shall	Compliance shall be determined by stack gas sampling using method specified in 40 CFR 60.46,...	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-04	(D)(5)(c)	shall	Compliance shall be determined by coal sampling and analysis in accordance with...	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-04	(D)(5)(c)	shall	The representative sulfur dioxide emission rate from any sample shall be calculated using the...	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-04	(D)(5)(c)	shall	Coal monitoring and compliance determination procedures shall include the following:	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-04	(D)(5)(c)(i)	shall	Compliance with the applicable sulfur dioxide emission limit shall be determined based on the weighted arithmetic average of the preceding thirty consecutive daily sample analyses.	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-04	(D)(5)(c)(ii)	shall	Such composite samples shall be composed of either periodic as-fired samples,...	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-04	(D)(5)(c)(ii)	shall	Compliance with the applicable sulfur dioxide emission limit shall be determined based on the analysis of each monthly composite sample.	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-04	(D)(5)(c)(iii)	shall	Fuel supplier analyses shall be obtained for each shipment received during the calendar month.	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-04	(D)(5)(c)(iii)	shall	Compliance with the applicable sulfur dioxide emission limit shall be determined based on...	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-04	(D)(6)	shall	For any fuel burning equipment burning coal at the "ArcelorMittal Cleveland LLC" (OEPA premise number 1318001613) facility located in Cleveland, Ohio, compliance shall be determined using one of the following:	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-04	(D)(6)(b)	shall	Emission rates shall be determined using methods specified in...	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-04	(D)(6)(b)	shall	Compliance with the applicable sulfur dioxide emission limits shall be based on daily average calculations.	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-04	(D)(6)(c)	shall	Coal monitoring and compliance determination procedures shall consist of daily, as-fired fuel sampling for all sources greater than...	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-04	(D)(6)(c)	shall	The representative sulfur dioxide emission rate from any sample shall be calculated using the formulas in...	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-04	(D)(6)(c)	shall	Compliance with the applicable sulfur dioxide emission limits shall be determined based on a daily average....	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-04	(D)(8)	shall	... Hamilton county emission limits, emission tracking, recordkeeping, and reporting requirements shall be one of the following:	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-04	(D)(8)(a)	shall	Emission rates shall be determined using methods specified in 40 CFR 60.45 and 40 CFR 60.47a, 40 CFR 60.47b or 40 CFR 60.47c.	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-04	(D)(8)(b)	shall	Emission tracking procedures shall consist of...	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-04	(D)(8)(b)	shall	The representative sulfur dioxide emission rate from any sample shall be calculated using the formulas in paragraph (F) of this rule.	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-04	(D)(8)(c)	shall	Fuel supplier analyses shall be obtained for each shipment received.	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-04	(D)(8)(c)	shall	The representative sulfur dioxide emission rate from any sample or fuel supplier analysis shall be calculated using the formulas in paragraph (F) of this rule.	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	

3745-18-04	(D)(8)(d)	shall	In lieu of the emission tracking requirements in paragraphs (D)(8)(a) to (D) (8)(c) of this rule, the owners or operators of the following sources shall provide coal sampling and analysis in accordance with USEPA method 19 and in accordance with the requirements indicated:	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-04	(D)(8)(d)(vi)	shall	The coal sample shall consist of at least one sample increment per boiler and each increment shall weigh a minimum of five pounds each.	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-04	(D)(8)(d)(vi)	shall	The coal sample shall consist of at least one sample increment per boiler and each increment shall weigh a minimum of five pounds each.	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-04	(D)(8)(e)	shall	Any owner or operator required to perform emissions tracking pursuant to paragraph (D)(8) of this rule shall maintain such records...	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-04	(D)(8)(e)	shall	...records for a period of not less than three years and shall make such records available for inspection by and submittal to the director upon request.	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-04	(D)(9)	shall	...compliance with the applicable sulfur dioxide emission limits shall be determined using one of the following methods:	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-04	(D)(9)(b)	shall	Emission rates shall be determined using methods specified in 40 CFR 60.45 and 40 CFR 60.47a, 40 CFR 60.47b or 40 CFR 60.47c.	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-04	(D)(9)(b)	shall	Compliance with the applicable sulfur dioxide emission limits shall be based on daily average calculations.	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-04	(D)(9)(c)	shall	The representative sulfur dioxide emission rate from any sample shall be calculated using the...	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-04	(D)(9)(c)	shall	Coal monitoring and compliance determination procedures shall include the following:	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-04	(D)(9)(c)(i)	shall	Compliance with the applicable sulfur dioxide emission limits shall be determined based on a daily average.	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-04	(D)(9)(c)(ii)	shall	Such composite samples shall be composed of either periodic as-fired samples, with the collection frequency determined by the director, or...	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-04	(D)(9)(c)(ii)	shall	Compliance with the applicable sulfur dioxide emission limit shall be determined based on the analysis of each monthly composite sample.	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-04	(D)(9)(c)(iii)	shall	Fuel supplier analyses shall be obtained for each shipment received during...	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-04	(D)(9)(c)(iii)	shall	Compliance with the applicable sulfur dioxide emission limit shall be determined based on the weighted arithmetic average of all fuel supplier analyses for each calendar month.	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-04	(D)(9)	shall not	A determination of noncompliance pursuant to any of these methods shall not be refuted by evidence of compliance pursuant to any other of these methods.	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-04	(D)(10)	shall	...compliance with the sulfur dioxide emissions rates specified in paragraphs (F)(4) to (F)(6) of rule 3745-18-49 of the Administrative Code shall be demonstrated by...	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-04	(D)(10)	shall	Emissions shall be calculated for each operating hour by multiplying the heat input times the applicable emission rate in pounds of sulfur dioxide per MM Btu.	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-04	(D)(10)	shall	The emission rate shall be determined in accordance with paragraph (F) of this rule.	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-04	(D)(10)	shall	The average emission rate shall be calculated using the following equation:	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-04	(D)(10)	shall	If multiple fuels are used, the emission rate shall be calculated as a weighted average based on the heat input of each fuel burned.	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-04	(D)(10)	shall	...an operating day shall mean a twenty-four-hour period between consecutive scheduled emission average calculations...	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-04	(D)(10)	shall	The director shall notify the United States environmental protection agency upon the approval of any alternate averaging schedule.	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-04	(D)(11)	shall	...compliance with the sulfur dioxide emissions rate specified in paragraph (D)(3) of rule 3745-18-47 of the Administrative Code shall be demonstrated by calculating...	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-04	(D)(11)	shall	Emissions shall be calculated for each operating hour for main boiler unit numbers 1, 2 and 3 (OEPA source numbers B001, B002 and B009), combined,	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-04	(D)(11)	shall	Compliance with the combined average sulfur dioxide emission rate shall be calculated using the following equation:	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-04	(D)(11)	shall	A value of Eavg shall be computed for each operating day and the twenty-nine preceding operating days.	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-04	(E)	shall	...the test methods and procedures used for determining compliance with the allowable emission limit for any fuel burning equipment burning fuels other than coal shall be one of the following:	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-04	(E)(2)	shall	Emissions rates shall be determined using methods specified in 40 CFR 60.45 and 40 CFR 60.47a, 40 CFR 60.47b or 40 CFR 60.47c.	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-04	(E)(2)	shall	Compliance with the applicable sulfur dioxide emission limitation shall be based on daily calculations using an arithmetic average of all data available for the preceding thirty-day period.	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-04	(E)(3)	shall	The representative sulfur dioxide emission rate from any sample shall be calculated using the formulas in paragraph (F) of this rule.	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-04	(E)(3)	shall	The sampling frequency shall be, at a minimum, such that a sulfur dioxide emission rate representative of...	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-04	(E)(4)	shall	For any fuel burning equipment burning fuels other than coal at the "ArcelorMittal Cleveland LLC" (OEPA premise number 1318001613) facility located in Cleveland, Ohio, compliance shall be determined using one of the following:	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-04	(E)(4)(b)	shall	Emission rates shall be determined using methods specified in 40 CFR 60.45 and 40 CFR 60.47a.	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-04	(E)(4)(b)	shall	Compliance with the applicable sulfur dioxide emission limits shall be based on daily average calculations.	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	

3745-18-04	(E)(4)(c)	shall	The representative sulfur dioxide emission rate from any sample shall be calculated using the formulas in paragraph (F) of this rule.	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-04	(E)(4)(c)	shall	The sampling frequency shall be, at a minimum, such that a sulfur dioxide emission rate representative of the daily average emission rate can be determined.	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-04	(E)(5)	shall	Hamilton county emission limits, compliance with the applicable sulfur dioxide emission limits shall be determined using stack gas sampling using USEPA methods 1 to 4 and 6, 6A, 6B or 6C.	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-04	(E)(6)	shall	Hamilton county emission limits, emission tracking, recordkeeping and reporting requirements shall be one of the following:	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-04	(E)(6)(a)	shall	Emission rates shall be determined using methods specified in 40 CFR 60.45 and 40 CFR 60.47a, 40 CFR 60.47b or 40 CFR 60.47c.	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-04	(E)(6)(b)	shall	The representative sulfur dioxide emission rate from any sample shall be calculated using the formulas in paragraph (F) of this rule.	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-04	(E)(6)(b)	shall	The sampling frequency shall be, at a minimum, such that at least one analysis is obtained from each shipment of fuel.	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-04	(E)(7)	shall	...Butler county emission limits, compliance with the applicable sulfur dioxide emission limits shall be determined using the methods described in paragraphs (E)(7)(a) to (E)(7)(c) of this rule.	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-04	(E)(7)	shall not	A determination of noncompliance pursuant to any of these methods shall not be refuted by evidence of compliance pursuant to any other of these methods:	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-04	(E)(7)(b)	shall	Emission rates shall be determined using methods specified in 40 CFR 60.45 and 40 CFR 60.47a, 40 CFR 60.47b or 40 CFR 60.47c.	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-04	(E)(7)(b)	shall	Compliance with the applicable sulfur dioxide emission limits shall be based on daily average calculations.	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-04	(E)(7)(c)	shall	The representative sulfur dioxide emission rate from any sample shall be calculated using...	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-04	(E)(7)(c)	shall	The sampling frequency shall be, at a minimum, such that a sulfur dioxide emission rate representative of the thirty-day average emission rate can be determined.	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-04	(F)	shall	Sulfur dioxide emissions from fuel samples shall be calculated as follows:	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-04	(F)(4)	shall	From natural gas, the sulfur dioxide emission rate shall be considered to be equal to 0.0 pounds of sulfur dioxide per MM Btu.	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-04	(G)	shall	All data, calculations and reports from any performance test, continuous monitor or fuel sample developed for the purpose of demonstrating compliance with rules 3745-18-06 to 3745-18-94 of the Administrative Code shall be retained for a minimum of three years and shall be available for inspection by the director or the director's representative.	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-04	(G)	shall	All data, calculations and reports from any performance test, continuous monitor or fuel sample developed for the purpose of demonstrating compliance with rules 3745-18-06 to 3745-18-94 of the Administrative Code shall be retained for a minimum of three years and shall be available for inspection by the director or the director's representative.	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-04	(H)	shall	Any owner or operator of any sulfur dioxide emissions source subject to, and not specifically exempted from, rule 3745-18-37 of the Administrative Code, Hamilton county emission limits, shall document any compliance test or	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-04	(H)	shall	... shall document compliance with any applicable operating rate limits and...	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-04	(H)	shall	... and shall retain all data, calculations and reports from any performance test, continuous emission monitor,...	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-04	(H)	shall	... and shall make such records available for inspection by and submittal to the director upon request.	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-04	(I)	shall	Nothing in this rule shall be interpreted to prevent the director from issuing orders pursuant to section 3704.03 of the Revised Code...	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-04	(J)	shall	Any owner or operator of any sulfur dioxide source subject to, and not specifically exempted from, paragraphs (B)(5), (B)(6), (B)(7), (B)(8), (B)(11), (B)(13) and (B)(14) of rule 3745-18-49 of the Administrative Code, "Lubrizol Corporation" processes "M", "N", "O", "W" and "AC" (OEPA source numbers P012, P013, P014, P022 and P030), shall demonstrate compliance....	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-04	(J)	shall	The combined allowable sulfur dioxide emission limit for these processes for any hour shall be the sum of the individual allowable sulfur dioxide emissions limits for those processes that...	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-04	(J)	shall	The combined allowable sulfur dioxide emission limit for these processes for any rolling three hour period shall be the average of the three, one hour allowable limits comprising the three hour period.	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-05	(B)	shall	...the owner or operator shall submit to the director an "Ambient Air Quality Monitoring Plan."	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-05	(B)	shall	Such plan shall include an air quality and meteorological measurement network consistent with the objective of...	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-05	(B)	shall	The plan shall follow criteria guidelines furnished by the director for number of instruments;...	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-05	(D)	shall	The director shall give consideration to any plan submitted by...	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	Yes
3745-18-05	(E)	shall	Nothing in this rule shall be interpreted to prevent the director from issuing...	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-06	(D)	shall	...no owner or operator of any oil-fired steam generating unit shall cause or permit...	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-06	(E)	shall	... no owner or operator of any process equipment shall cause or permit the...	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-06	(F)	shall	... no owner or operator of any stationary gas turbine shall cause or permit the...	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	

3745-18-06	(G)	shall	... no owner or operator of any stationary internal combustion engine shall cause or permit the...	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-06	(H)	shall	Notwithstanding the provisions of paragraphs (D) to (G) of this rule, the requirements of 40 CFR Part 60 shall be followed where applicable.	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-01	(C)(2)(h)	must	40 CFR 63.7500; "What emission limitations, work practice standards, and operating limits must I meet?;" as published in the July 1, 2016 Code of Federal Regulations.	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-04	(I)	require	Nothing in this rule shall be interpreted to prevent the director from issuing orders pursuant to section 3704.03 of the Revised Code to require performance testing,...	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-04	(I)	require	... performance testing, continuous emission monitoring, or fuel sampling or to require record-keeping and reporting of emission information.	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-05	(A)	require	The director may require , under the authority of section 3704.03 of the Revised Code, any owner or operator responsible for any source of sulfur dioxide emissions...	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	yes
3745-18-05	(B)	require	The director may issue additional orders pursuant to this paragraph to require that a previously submitted plan be clarified, updated, corrected, supplemented, or otherwise amended.	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	yes
3745-18-05	(E)	require	Nothing in this rule shall be interpreted to prevent the director from issuing orders pursuant to section 3704.03 of the Revised Code to require the installation, operation, and maintenance of...	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-05	(E)	require	or to require record keeping and reporting of information without first issuing an order pursuant to paragraph (B) of this rule.	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-03	(B)(3)	required	For fuel burning equipment, the certification or permit applications required by paragraphs (B)(1) and (B)(2) of this rule shall include...	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-04	(D)(8)(e)	required	Any owner or operator required to perform emissions tracking pursuant to paragraph (D)(8) of this rule shall maintain...	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-07	(A)	shall	No owner or operator of any coal-fired steam generating unit in Adams ccounty, unless otherwise specified in this rule, shall cause or permit...	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-07	(B)	shall not	The " DP&L, J. M. Stuart Generating Station" (OEPA premise number 0701000007) or any subsequent owner or operator of the "DP&L, J. M. Stuart Generating Station," Aberdeen, Ohio shall not cause or permit the emission of sulfur dioxide from the following sources to exceed the amounts indicated:	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-07	(C)	shall not	The "Dayton Power and Light Company, Killen Electric Generating Station" (OEPA premise number 0701000060) or any subsequent owner or operator of the "Dayton Power and Light Company, Killen Electric Generating Station," Monroe Township, Ohio shall not cause or permit	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-08	(A)	shall	No owner or operator of any coal-fired steam generating unit in Allen county, unless otherwise specified in this rule, shall cause or permit...	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-08	(C)	shall not	The "Lima Refining Company" (OEPA premise number 0302020012) or any subsequent owner or operator of the "Lima Refining Company," Lima, Ohio shall not cause or permit...	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-08	(D)	shall not	The "PCS Nitrogen Ohio L.P." (OEPA premise number 0302020370) or any subsequent owner or operator of the "PCS Nitrogen Ohio L.P, Fort Amanda and Adgate Roads, Lima, Ohio" shall not cause or permit...	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-08	(H)	shall not	The "Chemtrade Logistics, Inc." (OEPA premise number 0302000001) or any subsequent owner or operator of the "Chemtrade Logistics, Inc.," Cairo, Ohio shall not cause or permit...	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-08	(I)	shall not	The "Joint Systems Manufacturing Center" (OEPA premise number 0302020027) or any subsequent owner or operator of the "Joint Systems Manufacturing Center," Lima, Ohio shall not cause or permit...	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-09		shall	No owner or operator of any coal-fired steam generating unit in Ashland county shall cause or permit the emission of sulfur dioxide from any source to exceed a maximum of 7.2 pounds of sulfur dioxide per MM Btu actual heat input.	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-10	(A)	shall	No owner or operator of any coal-fired steam generating unit in Ashtabula county, unless otherwise specified in this rule, shall cause or permit...	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-10	(H)	shall not	The "EMC Ashtabula, LP" (OEPA premise number 0204010003) or any subsequent owner or operator of the "EMC Ashtabula, LP" facility located in Ashtabula, Ohio shall not cause or permit...	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-11	(A)	shall	No owner or operator of any coal-fired steam generating unit in Athens county, unless otherwise specified in this rule, shall cause or permit...	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-11	(C)	shall not	The "Ohio University-Lausche Heating Plant" (OEPA premise number 0605010016) or any subsequent owner or operator of the "Ohio University-Lausche Heating Plant, Factory Street, Athens, Ohio" shall not cause or permit...	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-12		shall	No owner or operator of any coal-fired steam generating unit in Auglaize county shall cause or permit the emission of sulfur dioxide from any source to exceed a maximum of 2.6 pounds of sulfur dioxide per MM Btu actual heat input.	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-13	(A)	shall	No owner or operator of any coal-fired steam generating unit in Belmont county, unless otherwise specified in this rule, shall cause or permit...	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-13	(C)	shall not	The "4K Industrial Park LLC" (OEPA premise number 0607090013) or any subsequent owner or operator of the "4K Industrial Park LLC" facility located in Martins Ferry, Ohio shall not cause or permit...	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-13	(C)	shall	... and shall limit the operation of said sources such that the indicated average operating rates are not exceeded for any calendar day:	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	

3745-18-14		shall	No owner or operator of any coal-fired steam generating unit in Brown county shall cause or permit the emission of sulfur dioxide from any source to exceed a maximum of 3.6 pounds of sulfur dioxide per MM Btu actual heat input.	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-15	(A)	shall	No owner or operator of any coal-fired steam generating unit in Butler county, unless otherwise specified in this rule, shall cause or permit...	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-15	(C)	shall not	The "AK Steel Corporation, Middletown Works" (OEPA premise number 1409010006) or any subsequent owner or operator of the "AK Steel Corporation, Middletown Works, Crawford Street, Middletown, Ohio" shall not cause or permit...	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-15	(E)	shall not	The "Graphic Packaging International, Inc." (OEPA premise number 1409010021) or any subsequent owner or operator of "Graphic Packaging International, Inc., 407 Charles Street, Middletown, Ohio" shall not cause or permit...	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-15	(F)	shall not	"Wausau Paper Towel & Tissue, LLC" (OEPA premise number 1409010043) or any subsequent owner or operator of "Wausau Paper Towel & Tissue, LLC, 700 Columbia Avenue, Middletown, Ohio" shall not cause or permit...	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-15	(F)	shall	... and shall use a stack no lower than two hundred feet above ground level for each boiler.	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-15	(H)	shall not	The "Dick's Creek Energy Facility" (OEPA premise number 1409010078) or any subsequent owner or operator of the "Dick's Creek Energy Facility, 632 Todhunter Road, Middletown, Ohio" shall not cause or permit...	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-15	(M)	shall not	The "City of Hamilton" (OEPA premise number 1409040243) or any subsequent owner or operator of the "City of Hamilton, 960 North Third Street, Hamilton, Ohio" shall not cause or permit...	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-15	(M)	shall not	... and shall limit the operation of said sources such that the indicated average operating rates are not exceeded for any calendar day:	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-15	(N)	shall not	"Miami University" (OEPA premise number 1409090081) or any subsequent owner or operator of "Miami University, U.S. 27 and High Street, Oxford, Ohio" shall not cause or permit...	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-15	(O)	shall not	"MillerCoors LLC" (OEPA premise number 1409000353) or any subsequent owner or operator of "MillerCoors LLC, 2525 Wayne Madison Road, Trenton, Ohio" shall not cause or permit...	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-15	(P)	shall not	"Duke Energy Kentucky, Woodsdale Generating Station" (OEPA premise number 1409120656) or any subsequent owner or operator of "Duke Energy Kentucky, Woodsdale Generating Station, 2100 Woodsdale Road, Trenton, Ohio" shall not cause or permit...	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-16		shall	No owner or operator of any coal-fired steam generating unit in Carroll county shall cause or permit the emission of sulfur dioxide from any source to exceed a maximum of 4.5 pounds of sulfur dioxide per MM Btu actual heat input.	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-17		shall	No owner or operator of any coal-fired steam generating unit in Champaign county shall cause or permit the emission of sulfur dioxide from any source to exceed a maximum of 3.6 pounds of sulfur dioxide per MM Btu actual heat input.	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-18		shall	No owner or operator of any coal-fired steam generating unit in Clark county shall cause or permit the emission of sulfur dioxide from any source to exceed a maximum of 3.6 pounds of sulfur dioxide per MM Btu actual heat input.	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-19		shall	No owner or operator of any coal-fired steam generating unit in Clermont county shall cause or permit the emission of sulfur dioxide from any source to exceed a maximum of 3.6 pounds of sulfur dioxide per MM Btu actual heat input.	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-20		shall	No owner or operator of any coal-fired steam generating unit in Clinton county shall cause or permit the emission of sulfur dioxide from any source to exceed a maximum of 3.6 pounds of sulfur dioxide per MM Btu actual heat input.	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-21		shall	No owner or operator of any coal-fired steam generating unit in Columbiana county shall cause or permit the emission of sulfur dioxide from any source to exceed a maximum of 4.4 pounds of sulfur dioxide per MM Btu actual heat input.	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-22	(A)	shall	No owner or operator of any coal-fired steam generating unit in Coshocton county, unless otherwise specified in this rule, shall cause or permit the emission of sulfur dioxide from any source to exceed a maximum of 4.5 pounds of sulfur dioxide per MM Btu actual heat input.	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-22	(B)	shall not	The "Conesville Power Plant" (OEPA premise number 0616000000) or any subsequent owner or operator of the "Conesville Power Plant," Conesville, Ohio shall not cause or permit the emission of sulfur dioxide from the following sources to exceed the amount indicated:	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-23	(A)	shall	No owner or operator of any coal-fired steam generating unit in Crawford county, unless otherwise specified in this rule, shall cause or permit the emission of sulfur dioxide from any source to exceed a maximum of 2.6 pounds of sulfur dioxide per MM Btu actual heat input.	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-23	(B)	shall not	The "Timken Company" (OEPA premise number 0317010168) or any subsequent owner or operator of the "Timken Company, 2325 E. Mansfield Street, Bucyrus, Ohio" shall not cause or permit the emission of...	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-24	(A)	shall	No owner or operator of any coal-fired steam generating unit greater than three hundred fifty MM Btu actual heat input in Cuyahoga county, unless otherwise specified in this rule, shall cause or permit the emission of...	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	

3745-18-24	(B)	shall	No owner or operator of any coal-fired steam generating unit between ten MM Btu per hour and three hundred fifty MM Btu per hour in Cuyahoga county, unless otherwise specified in this rule, shall cause or permit...	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-24	(G)	shall not	The "Cleveland Thermal, LLC" (OEPA premise number 1318000246) or any subsequent owner or operator of the "Cleveland Thermal, LLC, 2274 Canal Road, Cleveland, Ohio" shall not cause or permit the emission of...	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-24	(H)	shall not	The "Cleveland Thermal, LLC" (OEPA premise number 1318000246) or any subsequent owner or operator of the "Cleveland Thermal, LLC, 1921 Hamilton Avenue, Cleveland, Ohio" shall not cause or permit the emission of...	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-24	(M)	shall not	The "NASA John H. Glenn Research Center" (OEPA premise number 1318001169) or any subsequent owner or operator of the "NASA John H. Glenn Research Center, 21000 Brookpark Road, Cleveland, Ohio" shall not cause or permit the emission of...	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-24	(O)	shall not	The "ArcelorMittal Cleveland LLC" (OEPA premise number 1318001613) or any subsequent owner or operator of the "ArcelorMittal Cleveland LLC, 3060 Eggers Avenue, Cleveland, Ohio" shall not cause or permit the emission of...	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-24	(O)	shall	...and shall limit the operation of said sources such that the indicated average sulfur dioxide emission rates are not exceeded for any calendar day:	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-24	(O)(13)	shall	...powerhouse number 1, comprised of boiler numbers A to D (OEPA source numbers B001 to B004), shall be limited to the emission of...	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-24	(O)(14)	shall	...powerhouse numbers 1 and 3, comprised of boiler numbers A to D and 1 to 3 (OEPA source numbers B001 to B007), shall be limited to the emission of sulfur...	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-24	(V)	shall not	The "Medical Center Company" (OEPA premise number 1318003059) or any subsequent owner or operator of the "Medical Center Company, 2250 Circle Drive, Cleveland, Ohio" shall not cause or permit the emission of...	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-24	(CC)	shall not	The "GE Lighting - Nela Park" (OEPA premise number 1318182623) or any subsequent owner or operator of the "GE Lighting Nela Park, 1975 Noble Road, Cleveland, Ohio" shall not cause or permit the emission of...	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-24	(II)	shall not	The "General Motors LLC - Parma Plant" (OEPA premise number 1318451029) or any subsequent owner or operator of the "General Motors LLC - Parma Plant, 5400 Chevrolet Blvd., Parma, Ohio" shall not cause or permit the emission of...	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-25		shall	No owner or operator of any coal-fired steam generating unit in Darke county shall cause or permit the emission of sulfur dioxide from any source to exceed a maximum of 3.6 pounds of sulfur dioxide per MM Btu actual heat input.	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-26	(A)	shall	No owner or operator of any coal-fired steam generating unit in Defiance county, unless otherwise specified in this rule, shall cause or permit the emission of...	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-26	(C)	shall	The "Richland Substation Peaker Facility" (OEPA premise number 0320010006) or any subsequent owner or operator of the "Richland Substation Peaker Facility" facility located on Carpenter road, Defiance, Ohio shall not cause or permit the emission of...	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-27		shall	No owner or operator of any coal-fired steam generating unit in Delaware county shall cause or permit the emission of sulfur dioxide from any source to exceed a maximum of 3.6 pounds of sulfur dioxide per MM Btu actual heat input.	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-28	(A)	shall	No owner or operator of any coal-fired steam generating unit in Erie county, unless otherwise specified in this rule, shall cause or permit the emission of sulfur dioxide from any source to exceed...	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-28	(F)	shall not	The "Mississippi Lime Company - Huron Plant" (OEPA premise number 0322010062) or any subsequent owner or operator of the Mississippi lime company facility located at 100 Meeker street, Huron, Ohio shall not cause or permit the emission of...	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-29		shall	No owner or operator of any coal-fired steam generating unit in Fairfield county shall cause or permit the emission of sulfur dioxide from any source to exceed a maximum of 4.5 pounds of sulfur dioxide per MM Btu actual heat input.	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-30		shall	No owner or operator of any coal-fired steam generating unit in Fayette county shall cause or permit the emission of sulfur dioxide from any source to exceed a maximum of 3.6 pounds of sulfur dioxide per MM Btu actual heat input.	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-31	(A)	shall	No owner or operator of a facility in Franklin county, unless otherwise specified in this rule, shall cause or permit the emission of sulfur dioxide from any stack in excess of the following rates:	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-31	(A)(1)	shall	For fossil fuel-fired steam generating units between 10.0 and 50.0 MM Btu per hour total rated heat input capacity, the emission rate in pounds of sulfur dioxide per MM Btu actual heat input shall be calculated by the following equation:	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-31	(A)(2)	shall	For fossil fuel-fired steam generating units equal to or greater than 50.0 MM Btu per hour total rated heat input capacity, the emission limitation shall be 1.50 pounds of sulfur dioxide per MM Btu actual heat input.	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-31	(A)(3)	shall	Except as otherwise provided in this rule, no owner or operator of any process equipment shall cause or permit the emission from...	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-31	(B)	shall not	The " Ohio ANG 121st Refueling Wing" (OEPA premise number 0125000827) or any subsequent owner or operator of the "Ohio ANG 121st Refueling Wing," Columbus, Ohio shall not cause or permit the emission of...	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	

3745-18-31	(L)	shall not	The "Ross Products - Division of Abbott" (OEPA premise number 0125040319) or any subsequent owner or operator of the "Ross Products - Division of Abbott, 625 Cleveland Avenue, Columbus, Ohio" shall not cause or permit the emission of...	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-31	(N)	shall not	The "Twin Valley Behavioral Healthcare" (OEPA premise number 0125040589) or any subsequent owner or operator of the "Twin Valley Behavioral Healthcare," Columbus, Ohio shall not cause or permit the emission of...	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-31	(T)	shall not	"Anheuser-Busch Columbus Brewery" (OEPA premise number 0125040554) or any subsequent owner or operator of "Anheuser-Busch Columbus Brewery, 700 Schrock Road, Columbus, Ohio" shall not cause or permit the emission of...	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-31	(T)	shall	... and shall operate said boilers such that their combined average operating rate shall not exceed three hundred two MM Btu per hour for any calendar day.	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-31	(T)	shall not	... and shall operate said boilers such that their combined average operating rate shall not exceed three hundred two MM Btu per hour for any calendar day.	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-32		shall	No owner or operator of any coal-fired steam generating unit in Fulton county shall cause or permit the emission of sulfur dioxide from any source to exceed a maximum of 2.6 pounds of sulfur dioxide per MM Btu actual heat input.	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-33	(A)	shall	No owner or operator of any coal-fired steam generating unit in Gallia county, unless otherwise specified in this rule, shall cause or permit the emission of sulfur dioxide from any source to exceed a maximum of 4.5 pounds of sulfur dioxide per MM Btu actual heat input.	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-33	(B)	shall not	The "Ohio Valley Electric Corporation, Kyger Creek Station" (OEPA premise number 0627000003) or any subsequent owner or operator of the "Ohio Valley Electric Corporation, Kyger Creek Station" located in Cheshire, Ohio shall not cause or permit...	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-33	(D)	shall not	The "General James M. Gavin Power Plant" (OEPA premise numbers 0627010056) or any subsequent owner or operator of the "General James M. Gavin Power Plant" located in Cheshire, Ohio shall not cause or permit the emission of...	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-34		shall	No owner or operator of any coal-fired steam generating unit in Geauga county shall cause or permit the emission of sulfur dioxide from any source to exceed a maximum of 7.2 pounds of sulfur dioxide per MM Btu actual heat input.	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-35	(A)	shall	No owner or operator of any coal-fired steam generating unit in Greene county, unless otherwise specified in this rule, shall cause or permit the emission of...	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-35	(F)	shall not	The "Wright-Patterson Air Force Base" (OEPA premise number 0829700441) or any subsequent owner or operator of the "Wright-Patterson Air Force Base" facility located in building 31240, Bath, Ohio shall not cause or permit the emission of...	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-35	(I)	shall not	The "CEMEX" (OEPA premise number 0829810165) or any subsequent owner or operator of the "CEMEX" facility located at 3250 Linebaugh Rd, Xenia, Ohio shall not cause or permit the emission of...	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-36		shall	No owner or operator of any coal-fired steam generating unit in Guernsey county shall cause or permit the emission of sulfur dioxide from any source to exceed a maximum of 4.5 pounds of sulfur dioxide per MM Btu actual heat input.	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-37	(A)	shall	No owner or operator of any coal-fired steam generating unit in Hamilton county, unless otherwise specified in this rule, shall cause or permit the emission of...	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-37	(B)	shall	The "INEOS ABS Corporation" (OEPA permits number 1431010054) or any subsequent owner or operator of the "INEOS ABS Corporation, 356 Three Rivers Parkway, Addyston, Ohio" shall not cause or permit the emission of...	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-37	(B)	shall	... shall use stacks no lower than the stack heights indicated and shall limit the operation of said sources such that the indicated average operating rates are not exceeded for any calendar day:	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-37	(B)	shall	... shall use stacks no lower than the stack heights indicated and shall limit the operation of said sources such that the indicated average operating rates are not exceeded for any calendar day:	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-37	(E)	shall not	The "Emerald Performance Materials, LLC" (OEPA premise number 1431070039) or any subsequent owner or operator of the "Emerald Performance Materials, LLC, 2235 Langdon Farm Road, Cincinnati, Ohio" shall not cause or permit the emission of...	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-37	(K)	shall not	The "University of Cincinnati" (OEPA premise number 1431070849) or any subsequent owner or operator of the "University of Cincinnati, Clifton Campus, Cincinnati, Ohio" shall not cause or permit the emission of...	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-37	(V)	shall not	The "Ford Motor Company" (OEPA premise number 1431140861) or any subsequent owner or operator of the "Ford Motor Company, 3000 Sharon Road, Sharonville, Ohio" shall not cause or permit the emission of...	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-37	(V)	shall	... and shall limit the operation of boiler numbers 2 and 3 (OEPA source numbers B002 and B003) such that their combined average operating rate of two hundred forty-four MM Btu per hour for any calendar day.	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-37	(W)	shall not	The "General Electric Aviation, Evendale Plant" (OEPA premise number 1431150060) or any subsequent owner or operator of the "General Electric Aviation, Evendale Plant, One Neumann Way, Cincinnati, Ohio" shall not cause or permit the emission of...	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	

3745-18-37	(W)	shall	... and shall limit the operation of boiler numbers 6 and 8 (OEPA source numbers B008 and B009) such that their combined average operating rate shall not exceed two hundred forty-four MM Btu per hour for any calendar day.	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-37	(W)	shall not	...and shall limit the operation of boiler numbers 6 and 8 (OEPA source numbers B008 and B009) such that their combined average operating rate shall not exceed two hundred forty-four MM Btu per hour for any calendar day.	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-37	(BB)	shall not	The "Miami Fort Power Station" (OEPA premise number 1431350093) or any subsequent owner or operator of the "Miami Fort Power Station, 11021 Brower Road, North Bend Ohio" shall not cause or permit the emission of...	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-37	(BB)	shall	... and shall use stacks no lower than the stack height indicated:	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-37	(GG)	shall not	"DTE St. Bernard, LLC" (OEPA Premise Number 1431394148), the operator and permit holder of the following source or any subsequent owner or operator of the "DTE St. Bernard, LLC, 5189 Spring Grove Avenue, Cincinnati, Ohio" shall not cause or permit the emission of...	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-37	(GG)	shall	... and shall use a stack no lower than two hundred thirteen feet above ground level.	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-37	(KK)	shall not	The "Chemours Fort Hill Plant" (OEPA premise number 1431350817) or any subsequent owner or operator of the "Chemours Fort Hill Plant, Brower Road, Miami, Ohio" shall not cause or permit the emission of...	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-37	(KK)	shall	... and shall use a stack no lower than three hundred feet above ground level.	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-38		shall	No owner or operator of any coal-fired steam generating unit in Hancock county shall cause or permit the emission of sulfur dioxide from any source to exceed a maximum of 2.6 pounds of sulfur dioxide per MM Btu actual heat input.	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-39		shall	No owner or operator of any coal-fired steam generating unit in Hardin county shall cause or permit the emission of sulfur dioxide from any source to exceed a maximum of 2.6 pounds of sulfur dioxide per MM Btu actual heat input.	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-40		shall	No owner or operator of any coal-fired steam generating unit in Harrison county shall cause or permit the emission of sulfur dioxide from any source to exceed a maximum of 4.5 pounds of sulfur dioxide per MM Btu actual heat input.	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-41		shall	No owner or operator of any coal-fired steam generating unit in Henry county shall cause or permit the emission of sulfur dioxide from any source to exceed a maximum of 2.6 pounds of sulfur dioxide per MM Btu actual heat input.	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-42		shall	No owner or operator of any coal-fired steam generating unit in Highland county shall cause or permit the emission of sulfur dioxide from any source to exceed a maximum of 3.6 pounds of sulfur dioxide per MM Btu actual heat input.	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-43		shall	No owner or operator of any coal-fired steam generating unit in Hocking county shall cause or permit the emission of sulfur dioxide from any source to exceed a maximum of 4.5 pounds of sulfur dioxide per MM Btu actual heat input.	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-44		shall	No owner or operator of any coal-fired steam generating unit in Holmes county shall cause or permit the emission of sulfur dioxide from any source to exceed a maximum of 4.5 pounds of sulfur dioxide per MM Btu actual heat input.	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-45		shall	No owner or operator of any coal-fired steam generating unit in Huron county shall cause or permit the emission of sulfur dioxide from any source to exceed a maximum of 8.0 pounds of sulfur dioxide per MM Btu actual heat input.	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-46		shall	No owner or operator of any coal-fired steam generating unit in Jackson county shall cause or permit the emission of sulfur dioxide from any source to exceed a maximum of 4.5 pounds of sulfur dioxide per MM Btu actual heat input.	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-47	(A)	shall	No owner or operator of any coal-fired steam generating unit in Jefferson county, unless otherwise specified in this rule, shall cause or permit the emission of...	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-47	(B)	shall	No owner or operator of any oil-fired steam generating unit in Jefferson county, unless otherwise specified in this rule, shall cause or permit the emission of...	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-47	(C)	shall	No owner or operator of a by-product coke oven for a facility in Jefferson county which utilizes by-product coke oven gas shall cause or permit the combustion of...	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-47	(D)	shall not	The "Cardinal Power Plant" (OEPA premise number 0641050002) or any subsequent owner or operator of the "Cardinal Power Plant," Brilliant, Ohio shall not cause or permit emissions of...	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-47	(G)	shall not	The "Mingo Junction Steel Works, LLC" (OEPA premise number 0641090010) or any subsequent owner or operator of the "Mingo Junction Steel Works, LLC," Mingo Junction, Ohio shall not cause or permit the emission of...	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-47	(L)	shall not	The "W.H. Sammis Plant" (OEPA premise number 0641160017) or any subsequent owner or operator of the "W.H. Sammis Plant, 29503 State Route 7, Stratton, Ohio" shall not cause or permit the emission of...	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-47	(L)(5)	shall	The "W.H. Sammis Plant" shall notify the director and the administrator at least...	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-47	(L)(5)	shall	"W.H. Sammis Plant" shall comply with either this paragraph or paragraphs (L)(3) and (L)(4) of this rule.	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	

3745-18-47	(P)	shall not	"Mingo Junction Energy Center, LLC" (OEPA premise number 0641090234) or any subsequent owner or operator of " Mingo Junction Energy Center, LLC," Mingo Junction, Ohio shall not cause or permit the emission of...	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-48		shall	No owner or operator of any coal-fired steam generating unit in Knox county shall cause or permit the emission of sulfur dioxide from any source to exceed the maximum of 4.5 pounds of sulfur dioxide per MM Btu actual heat input.	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-49	(A)	shall	No owner or operator of any coal-fired steam generating unit in Lake county, unless otherwise specified in this rule, shall cause or permit the emission of...	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-49	(B)	shall not	The "Lubrizol Corporation" (OEPA premise number 0243000024) or any subsequent owner or operator of the "Lubrizol Corporation, 155 Freedom Road, Painesville, Ohio" shall not cause or permit the emission of...	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-49	(B)(13)	shall	In addition to the provisions of paragraphs (B)(4), (B)(5), (B)(6), (B)(7), (B)(8) and (B)(11) of this rule, processes "M", "N", "O", "W" and "AC" (OEPA source numbers P012 to P014, P022 and P030) shall be limited to the emission of...	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-49	(B)(14)	shall	The combined allowable emissions from processes "M", "N", "O", "W" and "AC" (OEPA source numbers P012 to P014, P022 and P030) for any hour shall be the sum of...	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-49	(E)	shall not	The "Carmeuse Lime, Inc. - Grand River Operations" (OEPA premise number 0243030257) or any subsequent owner or operator of the "Carmeuse Lime, Inc. - Grand River Operations, 15 Williams Street, Grand River, Ohio" shall not cause or permit the emission of...	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-49	(F)	shall	The "Painesville Municipal Electric Plant" (OEPA premise number 0243110008) or any subsequent owner or operator of the "Painesville Municipal Electric Plant, 325 Richmond Street, Painesville, Ohio" shall meet the following for...	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-49	(F)(2)	shall not	Operate said boilers such that their combined average operating rate shall not exceed...	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-49	(F)(4)	shall not	Operate boiler number 5 (OEPA source number B001) such that the average sulfur dioxide emission rate shall not exceed...	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-49	(F)(5)	shall not	Operate boiler number 3 (OEPA source number B003) such that the average sulfur dioxide emission rate shall not exceed...	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-49	(F)(6)	shall not	Operate boiler number 4 (OEPA source number B004) such that the average sulfur dioxide emission rate shall not exceed...	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-49	(F)(7)	shall	...the determination of the annual capacity factor shall exclude any heat input from burning biomass or natural gas.	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-50		shall	No owner or operator of any coal-fired steam generating unit in Lawrence county shall cause or permit the emission of sulfur dioxide from any source to exceed a maximum of 4.5 pounds of sulfur dioxide per MM Btu actual heat input.	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-51		shall	No owner or operator of any coal-fired steam generating unit in Licking county shall cause or permit the emission of sulfur dioxide from any source to exceed a maximum of 4.5 pounds of sulfur dioxide per MM Btu actual heat input.	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-52		shall	No owner or operator of any coal-fired steam generating unit in Logan county shall cause or permit the emission of sulfur dioxide from any source to exceed a maximum of 3.6 pounds of sulfur dioxide per MM Btu actual heat input.	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-53	(A)	shall	Except as otherwise specified in this rule, no owner or operator of any fossil-fuel fired steam generating unit in Lorain county shall cause or permit the emission of...	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-53	(A)(1)	shall	The emission limit for sources between 10.0 and 100.0 MM Btu per hour total rated capacity shall be calculated from the following equation:	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-53	(A)(2)	shall	The emission limit for sources greater than, or equal to, 100.0 MM Btu per hour total rated capacity shall be 1.70 pounds of sulfur dioxide per MM Btu actual heat input.	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-53	(B)	shall not	... owner or operator of the "Avon Lake Power Plant, 33570 Lake Road, Avon Lake, Ohio" shall not cause or permit the emission of...	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-53	(D)	shall not	... or any subsequent owner or operator of the "Republic Engineered Products, Inc., 1807 East 28th Street, Lorain, Ohio" shall not cause or permit the combustion of...	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-53	(D)	shall not	... and shall not cause or permit the emission of sulfur dioxide from the following sources to exceed the amounts indicated:	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-53	(E)	shall not	The "Oberlin College" (OEPA premise number 0247100408); or any subsequent owner or operator of the "Oberlin College, 173 West Lorain Street, Oberlin, Ohio" shall not cause or permit the emission of...	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-53	(G)	shall not	The "U. S. Steel Seamless Tubular Operations, LLC - Lorain" (Ohio EPA premise number 0247080961); or any subsequent owner or operator of the "U. S. Steel Seamless Tubular Operations, LLC - Lorain, 2199 E. 28th Street, Lorain, Ohio" shall not cause or permit...	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-54	(A)	shall	No owner or operator of any coal-fired steam generating unit in Lucas county, unless otherwise specified in this rule, shall cause or permit the emission of...	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-54	(D)	shall not	The "Toledo Hospital" (OEPA premise number 0448010037) or any subsequent owner or operator of the "Toledo Hospital, 2142 North Cove Boulevard, Toledo, Ohio" shall not cause or permit the emission of...	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	

3745-18-54	(O)	shall not	The "Toledo Refining Company, LLC" (OEPA premise number 0448010246) or any subsequent owner or operator of the "Toledo Refining Company, LLC, 1819 Woodville Road, Oregon, Ohio" shall not cause or permit the emission of	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-54	(O)(5)	shall not	Heater number H-507 (OEPA source number B010); shall not burn fuel oil, and shall comply with 40 CFR Part 60, Subpart J, "Standards of Performance for Petroleum Refineries."	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-54	(O)(5)	shall	Heater number H-507 (OEPA source number B010); shall not burn fuel oil, and shall comply with 40 CFR Part 60, Subpart J, "Standards of Performance for Petroleum Refineries."	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-54	(O)(7)	shall not	Heater number 9401 (OEPA source number B048); shall not burn fuel oil, and shall comply with 40 CFR Part 60, Subpart J, "Standards of Performance for Petroleum Refineries."	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-54	(O)(7)	shall	Heater number 9401 (OEPA source number B048); shall not burn fuel oil, and shall comply with 40 CFR Part 60, Subpart J, "Standards of Performance for Petroleum Refineries."	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-54	(V)	shall not	The "FirstEnergy Generation LLC, Bay Shore Plant" (OEPA premise number 0448020006) or any subsequent owner or operator of the "FirstEnergy Generation LLC, Bay Shore Plant, Bay Shore Road, Oregon, Ohio" shall not cause or permit the emission of...	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-54	(W)	shall not	The "BP Husky Refining LLC" (OEPA premise number 0448020007) or any subsequent owner or operator of the "BP Husky Refining LLC, Toledo Refinery, Cedar Point Road, Oregon, Ohio" shall not cause or permit the emission of...	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-54	(X)	shall not	The "Chemtrade Refinery Solutions Limited Partnership" (OEPA premise number 0448020014) or any subsequent owner or operator of the "Chemtrade Refinery Solutions Limited Partnership, 1400 Otter Creek Road, Oregon, Ohio" shall not cause or permit the emission of...	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-54	(Y)	shall not	The "General Motors LLC - Toledo" (OEPA premise number 0448010404) or any subsequent owner or operator of the "General Motors LLC - Toledo, 1455 West Alexis Road, Toledo, Ohio" shall not cause or permit the emission of...	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-55		shall	No owner or operator of any coal-fired steam generating unit in Madison county shall cause or permit the emission of sulfur dioxide from any source to exceed the maximum of 3.6 pounds of sulfur dioxide per MM Btu actual heat input.	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-56	(A)	shall	No owner or operator of any coal-fired steam generating unit in Mahoning county, unless otherwise specified in this rule, shall cause or permit the emission of...	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-56	(B)	shall not	The "Whitacre-Greer Fireproofing Company" (OEPA premise number 0250000005) or any subsequent owner or operator of the "Whitacre-Greer Fireproofing Company, 1400 South Mahoning Avenue, Alliance, Ohio" shall not cause or permit the emission of...	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-56	(E)	shall not	The "Youngstown Thermal" (OEPA premise number 0250110024) or any subsequent owner or operator of the "Youngstown Thermal, 205 North Avenue, Youngstown, Ohio" shall not cause or permit the emission of...	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-57		shall	No owner or operator of any coal-fired steam generating unit in Marion county shall cause or permit the emission of sulfur dioxide from any source to exceed a maximum of 6.1 pounds of sulfur dioxide per MM Btu actual input.	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-58		shall	No owner or operator of any coal-fired steam generating unit in Medina county shall cause or permit the emission of sulfur dioxide from any source to exceed a maximum of 8.0 pounds of sulfur dioxide per MM Btu actual heat input.	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-59		shall	No owner or operator of any coal-fired steam generating unit in Meigs county shall cause or permit the emission of sulfur dioxide from any source to exceed a maximum of 4.5 pounds of sulfur dioxide per MM Btu actual heat input.	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-60		shall	No owner or operator of any coal-fired steam generating unit in Mercer county shall cause or permit the emission of sulfur dioxide from any source to exceed a maximum of 8.0 pounds of sulfur dioxide per MM Btu actual heat input.	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-61	(A)	shall	No owner or operator of any coal-fired steam generating unit in Miami county, unless otherwise specified in this rule, shall cause or permit the emission of...	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-61	(B)	shall not	The "Piqua Municipal Power System" (OEPA premise number 0855100041) or any subsequent owner or operator of the "Piqua Municipal Power System" facility located at 919 South Main street, Piqua, Ohio shall not cause or permit the emission of...	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-62	(A)	shall	No owner or operator of any coal-fired steam generating unit in Monroe county, unless otherwise specified in this rule, shall cause or permit the emission of...	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-62	(B)	shall not	The "Ormet Primary Aluminum Corporation" (OEPA premise number 0656000001) or any subsequent owner of the "Ormet Primary Aluminum Corporation, Ohio Route 7, Hannibal, Ohio" shall not cause or permit the emission of...	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-63	(A)	shall	No owner or operator of any coal-fired steam generating unit in Montgomery county, unless otherwise specified in this rule, shall cause or permit the emission of...	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-63	(I)	shall not	The "DP&L Tait Generating Station" (OEPA premise number 0857043333) or any subsequent owner or operator of the "DP&L Tait Generating Station, 2101 Arbor Blvd., Moraine, Ohio" shall not cause or permit the emission of...	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	

3745-18-63	(M)	shall not	... any subsequent owner or operator of the "Dayton Power and Light Company, O.H. Hutchings Station, 9200 Chautauqua Road, Miamisburg, Ohio" shall not cause or permit the emission of...	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-63	(N)	shall not	... any subsequent owner or operator of the "Dayton Power and Light Company, Yankee Street Generating Station, 9975 Yankee Road, Dayton, Ohio" shall not cause or permit the emission of...	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-63	(T)	shall not	The "Tate & Lyle, Incorporated" (OEPA premise number 0857041333) or any subsequent owner or operator of the "Tate & Lyle, Incorporated, 5600 Brentlinger Drive, Dayton, Ohio" shall not cause or permit the emission of...	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-64		shall	No owner or operator of any coal-fired steam generating unit in Morgan county shall cause or permit the emission of sulfur dioxide from any source to exceed a maximum of 4.5 pounds of sulfur dioxide per MM Btu actual heat input.	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-65		shall	No owner or operator of any coal-fired steam generating unit in Morrow county shall cause or permit the emission of sulfur dioxide from any source to exceed a maximum of 2.6 pounds of sulfur dioxide per MM Btu actual heat input.	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-66	(A)	shall	No owner or operator of any coal-fired steam generating unit in Muskingum county, unless otherwise specified in this rule, shall cause or permit the emission of...	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-66	(E)	shall not	... any subsequent owner or operator of the "Owens Brockway Glass Containers - Plant #12, 1700 State Street, Zanesville, Ohio" shall not cause or permit the emission of...	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-67		shall	No owner or operator of any coal-fired steam generating unit in Noble county shall cause or permit the emission of sulfur dioxide from any source to exceed a maximum of 4.5 pounds of sulfur dioxide per MM Btu actual heat input.	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-68	(A)	shall	No owner or operator of any coal-fired steam generating unit in Ottawa county, unless otherwise specified in this rule, shall cause or permit the emission of...	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-68	(C)	shall not	... any subsequent owner or operator of the "Graymont Dolime (OH), Inc." facility located at 21880 West State Route Number 163, Genoa, Ohio shall not cause or permit the emission of...	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-69	(A)	shall	No owner or operator of any coal-fired steam generating unit in Paulding county, unless otherwise specified in this rule, shall cause or permit the emission of...	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-69	(B)	shall not	... any subsequent owner or operator of the "Lafarge North America" facility located on County road 176, Paulding, Ohio shall not cause or permit the emission of...	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-70		shall	No owner or operator of any coal-fired steam generating unit in Perry county shall cause or permit the emission of sulfur dioxide from any source to exceed a maximum of 4.5 pounds of sulfur dioxide per MM Btu actual heat input.	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-71		shall	No owner or operator of any coal-fired steam generating unit in Pickaway county shall cause or permit the emission of sulfur dioxide from any source to exceed a maximum of 3.6 pounds of sulfur dioxide per MM Btu actual heat input.	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-72		shall	No owner or operator of any coal-fired steam generating unit in Pike county shall cause or permit the emission of sulfur dioxide from any source to exceed a maximum of 7.0 pounds of sulfur dioxide per MM Btu actual heat input.	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-73		shall	No owner or operator of any coal-fired steam generating unit in Portage county shall cause or permit the emission of sulfur dioxide from any source to exceed a maximum of 7.2 pounds of sulfur dioxide per MM Btu actual heat input.	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-74		shall	No owner or operator of any coal-fired steam generating unit in Preble county shall cause or permit the emission of sulfur dioxide from any source to exceed a maximum of 3.6 pounds of sulfur dioxide per MM Btu actual heat input.	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-75		shall	No owner or operator of any coal-fired steam generating unit in Putnam county shall cause or permit the emission of sulfur dioxide from any source to exceed a maximum of 2.6 pounds of sulfur dioxide per MM Btu actual heat input.	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-76		shall	No owner or operator of any coal-fired steam generating unit in Richland county shall cause or permit the emission of sulfur dioxide from any source to exceed a maximum of 7.1 pounds of sulfur dioxide per MM Btu actual heat input.	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-77	(A)	shall	No owner or operator of any coal-fired steam generating unit in Ross county, unless otherwise specified in this rule, shall cause or permit the emission of...	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-77	(B)	shall not	... any subsequent owner or operator of the "P.H. Glatfelter Company - Chillicothe Facility" located on East Eighth Street, Chillicothe, Ohio shall not cause or permit the emission of...	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-78	(A)	shall	No owner or operator of any coal-fired steam generating unit in Sandusky county, unless otherwise specified in this rule, shall cause or permit the emission of sulfur dioxide from any source to...	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-78	(B)	shall not	... any subsequent owner or operator of the "Carmeuse Lime, Inc., Millersville Operations, 3964 County Road Number 41, Millersville, Ohio" shall not cause or permit the emission of...	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-78	(E)	shall not	... any subsequent owner or operator of "Martin Marietta Magnesias Specialties, Inc., 755 Lime Road, Woodville, Ohio" shall not cause or permit the emission of...	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	

3745-18-79		shall	No owner or operator of any coal-fired steam generating unit in Scioto county shall cause or permit the emission of sulfur dioxide from any source to exceed a maximum of 6.9 pounds of sulfur dioxide per MM Btu actual heat input.	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-80	(A)	shall	No owner or operator of any coal-fired steam generating unit in Seneca county, unless otherwise specified in this rule, shall cause or permit the emission of...	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-80	(B)	shall not	... any subsequent owner or operator of the "Carmeuse Ohio, Inc." facility located in Bettsville, Ohio shall not cause or permit the emission of...	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-80	(G)	shall not	... or any subsequent owner or operator of the "Webster Manufacturing" facility located on Hall street, Tiffin, Ohio shall not cause or permit the emission of...	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-81		shall	No owner or operator of any coal-fired steam generating unit in Shelby county shall cause or permit the emission of sulfur dioxide from any source to exceed a maximum of 3.6 pounds of sulfur dioxide per MM Btu actual heat input.	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-82	(A)	shall	No owner or operator of a facility in Stark county, unless otherwise specified in this rule, shall cause or permit the emission of...	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-82	(A)(1)	shall	... the emission rate in pounds of sulfur dioxide per MM Btu actual heat input shall be calculated by the following equation:	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-82	(A)(3)	shall	No owner or operator of any process equipment shall cause or permit the emission of...	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-82	(B)	shall not	... any subsequent owner or operator of the "Canton Drop Forge" facility located at 4575 Southway Street Southwest, Canton, Ohio shall not cause or permit the emission of...	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-82	(B)	shall not	... and the units shall not exceed the operating limits indicated:	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-82	(B)(4)	shall not	The total fuel oil consumption by all forge-shop furnaces shall not exceed...	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-82	(B)(5)	shall not	The sulfur content for any fuel oil used in the forge-shop furnaces shall not exceed 0.05 per cent by weight.	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-82	(E)	shall not	... or any subsequent owner or operator of the "Marathon Petroleum Company LP - Canton Refinery" facility located at 2408 Gambrinus Road, Canton, Ohio shall not cause or permit the...	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-82	(E)	shall	... and shall operate said sources in the manner specified:	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-82	(F)	shall not	... or any subsequent owner or operator of the "Greif Packaging, LLC" facility located at 9420 Warmington Rd. SW, Massillon, Ohio shall not cause or permit...	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-82	(O)	shall not	... or any subsequent owner or operator of the "Timken Steel Corporation - Gambrinus Steel Plant", the "Timken Steel Corporation - Faircrest Steel Plant", or the "TimkenSteel Corporation - Harrison Steel Plant" facilities located on Dueber Avenue, S.W., Canton, Ohio shall not cause or permit the emission of...	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-82	(T)	shall not	... or any subsequent owner or operator of the "Republic Steel-Massillion" facility located at 401 Rose Avenue, Southeast, Massillon, Ohio shall not cause or permit the emission of...	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-83	(A)	shall	No owner or operator of any applicable unit in Summit county, unless otherwise specified in this rule, shall cause or permit the emission of...	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-83	(A)(1)	shall	... the emission rate in pounds of sulfur dioxide per MM Btu actual heat input shall be calculated in accordance with the following equation:	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-83	(A)(3)	shall not	Process equipment, unless otherwise specified in this rule, shall not cause or permit...	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-83	(G)	shall not	... or any subsequent owner or operator of the "Cargill, Incorporated - Salt Division, 2065 Manchester Road, Akron, Ohio" shall not cause or permit the emission of...	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-83	(H)	shall not	... or any subsequent owner or operator of the "Emerald Performance Materials, LLC, West Emerling Avenue, Akron, Ohio" shall not cause or permit the emission of...	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-84	(A)	shall	No owner or operator of any coal-fired steam generating unit in Trumbull county, unless otherwise specified in this rule, shall cause or permit the emission of...	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-84	(D)	shall not	... or any subsequent owner or operator of the "Niles Plant" facility located at 1047 Belmont avenue, Niles, Ohio shall not cause or permit the emission of...	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-84	(J)	shall not	... or any subsequent owner or operator of the "ArcelorMittal Warren" facility located on Main street, Warren, Ohio shall not cause or permit the emission of...	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-85	(A)	shall	No owner or operator of any coal-fired steam generating unit in Tuscarawas county, unless otherwise specified in this rule, shall cause or permit the emission of...	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-85	(E)	shall not	... or any subsequent owner or operator of the "Dover Municpal Light Plant" facility located at 303 East Broadway, Dover, Ohio shall not cause or permit the emission of...	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-86		shall	No owner or operator of any coal-fired steam generating unit in Union county shall cause or permit the emission of sulfur dioxide from any source to exceed a maximum of 3.6 pounds of sulfur dioxide per MM Btu actual heat input.	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-87	(A)	shall	No owner or operator or any coal-fired steam generating unit in Van Wert county, unless otherwise specified in this rule, shall cause or permit the emission of...	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-87	(C)	shall not	... or any subsequent owner or operator of the "Bunge North America" facility located at 234 South Jefferson, Delphos, Ohio shall not cause or permit the emission of...	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-87	(C)	shall	... and shall operate said boiler such that the following average operating rates are not exceeded for any calendar day	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	

3745-18-88		shall	No owner or operator of any coal-fired steam generating unit in Vinton county shall cause or permit the emission of sulfur dioxide from any source to exceed a maximum of 4.5 pounds of sulfur dioxide per MM Btu actual heat input.	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-89		shall	No owner or operator of any coal-fired steam generating unit in Warren county shall cause or permit the emission of sulfur dioxide from any source to exceed a maximum of 3.6 pounds of sulfur dioxide per MM Btu actual heat input.	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-90		shall	No owner or operator of any coal-fired steam generating unit in Washington county shall cause or permit the emission of sulfur dioxide from any source to exceed a maximum of 4.5 pounds of sulfur dioxide per MM Btu actual heat input.	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-91	(A)	shall	No owner or operator of any coal-fired steam generating unit in Wayne county, unless otherwise specified in this rule, shall cause or permit the emission of...	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-91	(E)	shall not	... or any subsequent owner or operator of the "Department of Public Utilities, City of Orrville, Ohio" located at 1100 Perry street, Orrville, Ohio shall not cause or permit the emission of...	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-91	(F)	shall not	... or any subsequent owner or operator of the "Morton Salt, Inc.," facility located at 151 South Industrial street, Rittman, Ohio shall not cause or permit the emission of...	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-92	(A)	shall	No owner or operator of any coal-fired steam generating unit in Williams county, unless otherwise specified in this rule, shall cause or permit the emission of...	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-92	(B)	shall not	... or any subsequent owner or operator of the "Stryker Substation Peaker" facility located on 101 Railroad street, Stryker, Ohio shall not cause or permit the emission of...	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-92	(C)	shall not	... or any subsequent owner or operator of the "Bryan Municipal Light and Water Utilities" facility located at 225 South Emmitt street, Bryan, Ohio shall not cause or permit the emission of...	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-93		shall	No owner or operator of any coal-fired steam generating unit in Wood county shall cause or permit the emission of sulfur dioxide from any source to exceed a maximum of 2.6 pounds of sulfur dioxide per MM Btu actual heat input.	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	
3745-18-94		shall	No owner or operator of any coal-fired steam generating unit in Wyandot county shall cause or permit the emission of sulfur dioxide from any source to exceed a maximum of 2.6 pounds of sulfur dioxide per MM Btu actual heat input.	3704.03(E)	Fed	CAA 110(a)(2)	Yes - SIP	Yes - Federal	

OAC Rule #	Paragraph	Restriction	Description/Quotation	Statutory Authority	State or Fed Law?	If Fed, crosswalk?	Federally delegated program?	Removal would require state or federal law change?	Requirement on the agency or director?
3745-19-01	(N)(2)	shall	any such municipal corporation shall be required to comply with the requirements	3704.03(E)	Federal	CAA 110(a)(2)	Yes - Federal	Yes - Federal	
3745-19-02	(A)	Shall	no open burning shall be conducted in an area where an air alert, warning, or emergency under Chapter 3745-25 of the Administrative Code is in effect.	3704.03(E)	Federal	CAA 110(a)(2)	Yes - Federal	Yes - Federal	
3745-19-02	(B)	shall	no permission to open burn granted by the Ohio EPA, shall exempt any person from compliance with any section of the Revised Code,	3704.03(E)	Federal	CAA 110(a)(2)	Yes - Federal	Yes - Federal	
3745-19-03	Appendix 2	shall	All material to be burned shall be dry and in a state to sustain good combustion.	3704.03(E)	Federal	CAA 110(a)(2)	Yes - Federal	Yes - Federal	
3745-19-03	Appendix 3	shall	No burning shall take place within:	3704.03(E)	Federal	CAA 110(a)(2)	Yes - Federal	Yes - Federal	
3745-19-03	Appendix 6c	shall	the burning shall be extinguished.	3704.03(E)	Federal	CAA 110(a)(2)	Yes - Federal	Yes - Federal	
3745-19-03	Appendix 7	shall	All burning shall comply with other federal, state, and local laws, rules, and ordinances.	3704.03(E)	Federal	CAA 110(a)(2)	Yes - Federal	Yes - Federal	
3745-19-03	Appendix 8	shall	Adequate firefighting equipment shall be on-site for extinguishing purposes during burning times.	3704.03(E)	Federal	CAA 110(a)(2)	Yes - Federal	Yes - Federal	
3745-19-03	Appendix 9	shall	Burning shall be conducted during daylight hours only, and all fires shall be extinguished prior to sunset.	3704.03(E)	Federal	CAA 110(a)(2)	Yes - Federal	Yes - Federal	
3745-19-03	Appendix 9	shall	Burning shall be conducted during daylight hours only, and all fires shall be extinguished prior to sunset.	3704.03(E)	Federal	CAA 110(a)(2)	Yes - Federal	Yes - Federal	
3745-19-03	Appendix 10	shall	The pile to be burned shall be less than or equal to five thousand cubic yards and only one pile may be burned at a time.	3704.03(E)	Federal	CAA 110(a)(2)	Yes - Federal	Yes - Federal	
3745-19-03	Appendix 12	shall	The open burning permit shall be made available at the burning site to state and local officials upon request.	3704.03(E)	Federal	CAA 110(a)(2)	Yes - Federal	Yes - Federal	
3745-19-03	Appendix 13	shall	The open burning permit shall be valid for no longer than three months	3704.03(E)	Federal	CAA 110(a)(2)	Yes - Federal	Yes - Federal	
3745-19-03	Appendix ACDs	shall	The accumulation and open burning with air curtain destructors (ACDs) of storm debris shall be allowed by municipalities upon receipt of written permission from Ohio EPA	3704.03(E)	Federal	CAA 110(a)(2)	Yes - Federal	Yes - Federal	
3745-19-03	Appendix ACDs 1	shall	The material to be burned shall be limited to vegetative material, trees	3704.03(E)	Federal	CAA 110(a)(2)	Yes - Federal	Yes - Federal	
3745-19-03	Appendix ACDs 2	shall	The ACD shall be at least 0.5 mile from any hospital, day care, nursing home or any other type of health care facility.	3704.03(E)	Federal	CAA 110(a)(2)	Yes - Federal	Yes - Federal	
3745-19-03	Appendix ACDs 3	shall	The ACD shall be at least five hundred feet from any inhabited building not located on said premises.	3704.03(E)	Federal	CAA 110(a)(2)	Yes - Federal	Yes - Federal	
3745-19-03	Appendix ACDs 4	shall	All material to be burned shall be dry and in a state to sustain good combustion.	3704.03(E)	Federal	CAA 110(a)(2)	Yes - Federal	Yes - Federal	
3745-19-03	App. Cont. 1	shall	All material shall be burned in an open pit which shall be constructed as follows:	3704.03(E)	Federal	CAA 110(a)(2)	Yes - Federal	Yes - Federal	
3745-19-03	App. Cont. 1.	shall	... in an open pit which shall be constructed as follows:	3704.03(E)	Federal	CAA 110(a)(2)	Yes - Federal	Yes - Federal	
3745-19-03	App. Cont. 1.a	shall	The pit shall be rectangular in shape with four vertical walls.	3704.03(E)	Federal	CAA 110(a)(2)	Yes - Federal	Yes - Federal	
3745-19-03	App. Cont. 1.b	shall	The maximum length shall be no longer than the blower manifold.	3704.03(E)	Federal	CAA 110(a)(2)	Yes - Federal	Yes - Federal	
3745-19-03	App. Cont. 1.c	shall	The maximum width shall be less than ten feet.	3704.03(E)	Federal	CAA 110(a)(2)	Yes - Federal	Yes - Federal	
3745-19-03	App. Cont. 4	shall	The loading of the pit shall be done in such a way as to minimize the amount of soil entering the pit.	3704.03(E)	Federal	CAA 110(a)(2)	Yes - Federal	Yes - Federal	
3745-19-03	App. Cont. 6	shall	The Ohio EPA or local air agency inspector shall be notified when open burning	3704.03(E)	Federal	CAA 110(a)(2)	Yes - Federal	Yes - Federal	Yes
3745-19-03	App. Cont. 6	shall	when open burning will take place and shall be allowed complete access to the site before	3704.03(E)	Federal	CAA 110(a)(2)	Yes - Federal	Yes - Federal	
3745-19-03	(A)	shall	No person or property owner shall cause or allow open burning in a restricted area except as provided in paragraphs (B) to (D) of this rule	3704.03(E)	Federal	CAA 110(a)(2)	Yes - Federal	Yes - Federal	
3745-19-03	(B)	shall	Open burning shall be allowed for the following purposes without notification to or permission from the Ohio EPA:	3704.03(E)	Federal	CAA 110(a)(2)	Yes - Federal	Yes - Federal	
3745-19-03	(B)(2)(c)	shall	They shall have a total fuel area of three feet or less in diameter and two feet or less in height	3704.03(E)	Federal	CAA 110(a)(2)	Yes - Federal	Yes - Federal	
3745-19-03	(B)(5)	shall	and shall be of minimum size sufficient for their intended purpose;	3704.03(E)	Federal	CAA 110(a)(2)	Yes - Federal	Yes - Federal	
3745-19-03	(B)(5)	shall	the fuel shall be chosen to minimize the generation and emission of air contaminants.	3704.03(E)	Federal	CAA 110(a)(2)	Yes - Federal	Yes - Federal	
3745-19-03	(C)	shall	Open burning shall be allowed for the following purposes with prior notification	3704.03(E)	Federal	CAA 110(a)(2)	Yes - Federal	Yes - Federal	
3745-19-03	(C)(4)(a)	shall	The fire shall be performed within one hundred eighty days of submitting the notification.	3704.03(E)	Federal	CAA 110(a)(2)	Yes - Federal	Yes - Federal	
3745-19-03	(C)(4)(b)	shall	The fire shall be performed when it is anticipated weather conditions will minimize the dispersion of smoke	3704.03(E)	Federal	CAA 110(a)(2)	Yes - Federal	Yes - Federal	
3745-19-03	(C)(4)(b)	shall	Smoke dispersion conditions shall be evaluated before	3704.03(E)	Federal	CAA 110(a)(2)	Yes - Federal	Yes - Federal	
3745-19-03	(C)(4)(c)	shall	The person making the notification shall notify the local fire department having jurisdiction over the burn area at least twenty-four hours before	3704.03(E)	Federal	CAA 110(a)(2)	Yes - Federal	Yes - Federal	
3745-19-03	(C)(4)(d)	shall	The person making the notification shall provide reasonable notification to populations potentially impacted by the smoke	3704.03(E)	Federal	CAA 110(a)(2)	Yes - Federal	Yes - Federal	
3745-19-03	(C)(4)(d)	shall	Populations potentially impacted shall include, at a minimum, those within one-quarter mile of the burn site.	3704.03(E)	Federal	CAA 110(a)(2)	Yes - Federal	Yes - Federal	
3745-19-03	(C)(4)(d)	shall	Reasonable notification shall include one of the following:	3704.03(E)	Federal	CAA 110(a)(2)	Yes - Federal	Yes - Federal	
3745-19-03	(C)(4)(d)(ii)	shall	The notice shall include, at a minimum, the address of the property at which the fire will occur,	3704.03(E)	Federal	CAA 110(a)(2)	Yes - Federal	Yes - Federal	
3745-19-03	(C)(4)(d)(iii)	shall	Notices shall include, at a minimum, the address of the property at which the fire will occur	3704.03(E)	Federal	CAA 110(a)(2)	Yes - Federal	Yes - Federal	
3745-19-03	(C)(4)(e)	shall	The person making the notification shall document information on the weather, smoke conditions	3704.03(E)	Federal	CAA 110(a)(2)	Yes - Federal	Yes - Federal	
3745-19-03	(C)(4)(e)	shall	The person making the notification shall maintain this information for a minimum of one year from the date of the fire	3704.03(E)	Federal	CAA 110(a)(2)	Yes - Federal	Yes - Federal	

3745-19-03	(C)(4)(e)	shall	and shall provide this information to the appropriate Ohio EPA district office or local air agency within ten days upon request.	3704.03(E)	Federal	CAA 110(a)(2)	Yes - Federal	Yes - Federal	
3745-19-03	(C)(4)(f)	shall	Reasonable access to the burn site shall be provided to Ohio EPA representatives at any time during the fire.	3704.03(E)	Federal	CAA 110(a)(2)	Yes - Federal	Yes - Federal	
3745-19-03	(D)	shall	Open burning shall be allowed for the following purposes upon receipt of written permission from the Ohio EPA	3704.03(E)	Federal	CAA 110(a)(2)	Yes - Federal	Yes - Federal	
3745-19-04	(A)	shall	No person or property owner shall cause or allow open burning in an unrestricted area	3704.03(E)	Federal	CAA 110(a)(2)	Yes - Federal	Yes - Federal	
3745-19-04	(B)	shall	Open burning shall be allowed for the following purposes without notification	3704.03(E)	Federal	CAA 110(a)(2)	Yes - Federal	Yes - Federal	
3745-19-04	(B)(2)(c)	shall	They shall have a total fuel area of three feet or less in diameter	3704.03(E)	Federal	CAA 110(a)(2)	Yes - Federal	Yes - Federal	
3745-19-04	(B)(3)(f)	shall	3745-19-05 of the Administrative Code shall be required for the disposal	3704.03(E)	Federal	CAA 110(a)(2)	Yes - Federal	Yes - Federal	
3745-19-04	(B)(6)	shall	and shall be of the minimum size sufficient for their intended purpose	3704.03(E)	Federal	CAA 110(a)(2)	Yes - Federal	Yes - Federal	
3745-19-04	(B)(6)	shall	the fuel shall be chosen to minimize the generation and emission of air contaminants.	3704.03(E)	Federal	CAA 110(a)(2)	Yes - Federal	Yes - Federal	
3745-19-04	(C)	shall	Open burning shall be allowed for the following purposes upon receipt of written permission from the Ohio EPA	3704.03(E)	Federal	CAA 110(a)(2)	Yes - Federal	Yes - Federal	
3745-19-04	(C)(6)(a)	shall	The owner or operator shall apply for a permit-to-install as required in Chapter 3745-31 of the Administrative Code	3704.03(E)	Federal	CAA 110(a)(2)	Yes - Federal	Yes - Federal	
3745-19-04	(C)(6)(b)	shall	The siting of the air curtain burner shall be at a point on the premises no less than one thousand feet	3704.03(E)	Federal	CAA 110(a)(2)	Yes - Federal	Yes - Federal	
3745-19-04	(C)(6)(c)	shall	after sunrise and shall be completed not less than sixty minutes prior to sunset.	3704.03(E)	Federal	CAA 110(a)(2)	Yes - Federal	Yes - Federal	
3745-19-04	(C)(6)(c)	shall	A log shall be maintained on site, and available upon request,	3704.03(E)	Federal	CAA 110(a)(2)	Yes - Federal	Yes - Federal	
3745-19-04	(C)(6)(d)	shall	The air curtain burner shall be attended at all times while burning is occurring	3704.03(E)	Federal	CAA 110(a)(2)	Yes - Federal	Yes - Federal	
3745-19-04	(C)(6)(e)	shall	The air curtain shall be maintained until all material within the air curtain burner has been reduced to coals,	3704.03(E)	Federal	CAA 110(a)(2)	Yes - Federal	Yes - Federal	
3745-19-04	(C)(6)(f)	shall	At no time shall material be loaded into the air curtain burner such that	3704.03(E)	Federal	CAA 110(a)(2)	Yes - Federal	Yes - Federal	
3745-19-04	(C)(6)(g)	shall	The air curtain burner shall be used only for the disposal of land clearing wastes	3704.03(E)	Federal	CAA 110(a)(2)	Yes - Federal	Yes - Federal	
3745-19-04	(D)	shall	Open burning shall be allowed for the following purposes,	3704.03(E)	Federal	CAA 110(a)(2)	Yes - Federal	Yes - Federal	
3745-19-04	(D)(2)(a)	shall	The fire shall be performed within one hundred eighty days of notification	3704.03(E)	Federal	CAA 110(a)(2)	Yes - Federal	Yes - Federal	
3745-19-04	(D)(2)(b)	shall	The fire shall be performed when it is anticipated weather conditions will minimize the dispersion of smoke	3704.03(E)	Federal	CAA 110(a)(2)	Yes - Federal	Yes - Federal	
3745-19-04	(D)(2)(b)	shall	Smoke dispersion conditions shall be evaluated before, during, and after the fire	3704.03(E)	Federal	CAA 110(a)(2)	Yes - Federal	Yes - Federal	
3745-19-04	(D)(2)(c)	shall	The person making the notification shall notify the local fire department havingjurisdiction over the burn area	3704.03(E)	Federal	CAA 110(a)(2)	Yes - Federal	Yes - Federal	
3745-19-04	(D)(2)(d)	shall	The person making the notification shall provide reasonable notification	3704.03(E)	Federal	CAA 110(a)(2)	Yes - Federal	Yes - Federal	
3745-19-04	(D)(2)(d)	shall	Populations potentially impacted shall include, at a minimum	3704.03(E)	Federal	CAA 110(a)(2)	Yes - Federal	Yes - Federal	
3745-19-04	(D)(2)(d)	shall	Reasonable notification shall include one of the following:	3704.03(E)	Federal	CAA 110(a)(2)	Yes - Federal	Yes - Federal	
3745-19-04	(D)(2)(d)(ii)	shall	The notice shall include, at a minimum,	3704.03(E)	Federal	CAA 110(a)(2)	Yes - Federal	Yes - Federal	
3745-19-04	(D)(2)(d)(iii)	shall	Notices shall include, at a minimum, the address of the property	3704.03(E)	Federal	CAA 110(a)(2)	Yes - Federal	Yes - Federal	
3745-19-04	(D)(2)(e)	shall	The person making the notification shall document information on the weather	3704.03(E)	Federal	CAA 110(a)(2)	Yes - Federal	Yes - Federal	
3745-19-04	(D)(2)(e)	shall	The person making the notification shall maintain this information	3704.03(E)	Federal	CAA 110(a)(2)	Yes - Federal	Yes - Federal	
3745-19-04	(D)(2)(e)	shall	one year from the date of the fire and shall provide this information	3704.03(E)	Federal	CAA 110(a)(2)	Yes - Federal	Yes - Federal	
3745-19-04	(D)(2)(f)	shall	Reasonable access to the burn site shall be provided to Ohio EPA representatives	3704.03(E)	Federal	CAA 110(a)(2)	Yes - Federal	Yes - Federal	
3745-19-05	(A)(1)	shall	An application for permission to open burn shall be submitted in writing to Ohio EPA.	3704.03(E)	Federal	CAA 110(a)(2)	Yes - Federal	Yes - Federal	
3745-19-05	(A)(1)	shall	The applicant shall allow Ohio EPA at least ten working days	3704.03(E)	Federal	CAA 110(a)(2)	Yes - Federal	Yes - Federal	
3745-19-05	(A)(1)	shall	The application shall be in such form and contain such information	3704.03(E)	Federal	CAA 110(a)(2)	Yes - Federal	Yes - Federal	
3745-19-05	(A)(2)	shall	such applications shall contain, at a minimum, the following information:	3704.03(E)	Federal	CAA 110(a)(2)	Yes - Federal	Yes - Federal	
3745-19-05	(A)(5)	shall	granting permission to open burn shall be grounds for revocation	3704.03(E)	Federal	CAA 110(a)(2)	Yes - Federal	Yes - Federal	
3745-19-05	(A)(6)	shall	The annual application required pursuant to paragraph (A)(1) of this rule shall contain information as required	3704.03(E)	Federal	CAA 110(a)(2)	Yes - Federal	Yes - Federal	
3745-19-05	(A)(6)	shall	The academy shall contact the appropriate Ohio EPA district office or local air agency	3704.03(E)	Federal	CAA 110(a)(2)	Yes - Federal	Yes - Federal	
3745-19-05	(B)(1)	shall	Notification shall be submitted in writing at least ten working days before the fire	3704.03(E)	Federal	CAA 110(a)(2)	Yes - Federal	Yes - Federal	
3745-19-05	(B)(1)	shall	It shall be in such form and contain such information	3704.03(E)	Federal	CAA 110(a)(2)	Yes - Federal	Yes - Federal	
3745-19-05	(B)(1)	shall	such information as shall be required by the Ohio EPA.	3704.03(E)	Federal	CAA 110(a)(2)	Yes - Federal	Yes - Federal	
3745-19-05	(B)(2)	shall	Such notification shall inform the Ohio EPA regarding the following:	3704.03(E)	Federal	CAA 110(a)(2)	Yes - Federal	Yes - Federal	
3745-19-05	(B)(3)	shall	the Ohio EPA shall notify the applicant to this effect.	3704.03(E)	Federal	CAA 110(a)(2)	Yes - Federal	Yes - Federal	Yes
3745-19-03	Appendix	must	The local community must request and receive an Ohio EPA open burning permit from the director	3704.03(E)	Federal	CAA 110(a)(2)	Yes - Federal	Yes - Federal	
3745-19-03	Appendix	must	the community must follow the following guidelines	3704.03(E)	Federal	CAA 110(a)(2)	Yes - Federal	Yes - Federal	
3745-19-03	APPendix 1	must	The material burned must be limited to vegetative material	3704.03(E)	Federal	CAA 110(a)(2)	Yes - Federal	Yes - Federal	
3745-19-03	Appendix 4	must	All fires must be attended at all times during burning	3704.03(E)	Federal	CAA 110(a)(2)	Yes - Federal	Yes - Federal	
3745-19-03	Appendix 11	must	and health department must be notified at least twenty-four hours	3704.03(E)	Federal	CAA 110(a)(2)	Yes - Federal	Yes - Federal	
3745-19-03	Appendix 14	must	Any change in the plan must receive an additional approval from the Ohio EPA	3704.03(E)	Federal	CAA 110(a)(2)	Yes - Federal	Yes - Federal	

3745-19-03	APP. (cont) 2	must	Otherwise, the ACD must remain in operation until the fire has been completely extinguished.	3704.03(E)	Federal	CAA 110(a)(2)	Yes - Federal	Yes - Federal	
3745-19-03	APP. (cont) 5	must	The community must have personnel present at all times	3704.03(E)	Federal	CAA 110(a)(2)	Yes - Federal	Yes - Federal	
3745-19-04	(C)(6)(a)	must	air curtain burners are subject to and must fulfill the requirements of the Title V permitting program	3704.03(E)	Federal	CAA 110(a)(2)	Yes - Federal	Yes - Federal	
3745-19-04	(C)(6)(a)	must	and must apply for and obtain a title V air permit.	3704.03(E)	Federal	CAA 110(a)(2)	Yes - Federal	Yes - Federal	
3745-19-05	(A)(4)	must	(A)(6) of this rule, permission to open burn must be obtained for each specific project.	3704.03(E)	Federal	CAA 110(a)(2)	Yes - Federal	Yes - Federal	
3745-19-03	(B)(3)	require	or explosive devices that require immediate action to prevent endangerment of human health	3704.03(E)	Federal	CAA 110(a)(2)	Yes - Federal	Yes - Federal	
3745-19-04	(B)(4)	require	or explosive devices that require immediate action to prevent endangerment of human health	3704.03(E)	Federal	CAA 110(a)(2)	Yes - Federal	Yes - Federal	
3745-19-01	(N)(2)	shall not	"Restricted area" shall not include any municipal corporation	3704.03(E)	Federal	CAA 110(a)(2)	Yes - Federal	Yes - Federal	
3745-19-03	App. (cont) 1	shall not	The open burning shall not create a nuisance.	3704.03(E)	Federal	CAA 110(a)(2)	Yes - Federal	Yes - Federal	
3745-19-03	(B)(5)	shall not	paragraphs (B)(1), (B)(2) and (B)(4) of this rule shall not be used for waste disposal purposes	3704.03(E)	Federal	CAA 110(a)(2)	Yes - Federal	Yes - Federal	
3745-19-04	(B)(6)	shall not	(B)(2) and (B)(5) of this rule shall not be used for waste disposal purposes,	3704.03(E)	Federal	CAA 110(a)(2)	Yes - Federal	Yes - Federal	
3745-19-05	(A)(1)	shall not	and legal holidays shall not be considered working days.	3704.03(E)	Federal	CAA 110(a)(2)	Yes - Federal	Yes - Federal	
3745-19-05	(A)(3)	shall not	Permission to open burn shall not be granted unless the applicant demonstrates	3704.03(E)	Federal	CAA 110(a)(2)	Yes - Federal	Yes - Federal	
3745-19-05	(A)(6)	shall not	and legal holidays shall not be considered working days.	3704.03(E)	Federal	CAA 110(a)(2)	Yes - Federal	Yes - Federal	
3745-19-05	(A)(7)	shall not	permission to open burn shall not be granted unless the applicant	3704.03(E)	Federal	CAA 110(a)(2)	Yes - Federal	Yes - Federal	
3745-19-05	(B)(1)	shall not	and legal holidays shall not be considered working days.	3704.03(E)	Federal	CAA 110(a)(2)	Yes - Federal	Yes - Federal	
3745-19-01	(C)	may not	but an air curtain destructor may not be used in place	3704.03(E)	Federal	CAA 110(a)(2)	Yes - Federal	Yes - Federal	
3745-19-03	Appendix 5	may not	Burning may not be conducted during unfavorable meteorological conditions	3704.03(E)	Federal	CAA 110(a)(2)	Yes - Federal	Yes - Federal	
3745-19-03	App. (cont) 1	may not	Burning may not be conducted during unfavorable meteorological conditions	3704.03(E)	Federal	CAA 110(a)(2)	Yes - Federal	Yes - Federal	
3745-19-03	App. Pg. 3, Para 1	Prohibited	Burning may not be conducted during unfavorable meteorological conditions such as high winds, temperature inversions, air stagnation, when a pollution alert or ozone action day has been declared. The open burning shall not create a nuisance. The emission of smoke, ashes, dust, dirt, odors or any other substance in such a matter or amount as to endanger the health, safety or welfare of the public or cause unreasonable injury or damage to property, is a public nuisance and is prohibited .	3704.03(E)	Federal	CAA 110(a)(2)	Yes - Federal	Yes - Federal	
3745-19-01	(B)	required	...and for which a permit-to-install has been obtained as required in Chapter 3745-31 of the Administrative Code and a permit-to-operate has been obtained as required in Chapter 3745-77 of the Administrative Code.	3704.03(E)	Federal	CAA 110(a)(2)	Yes - Federal	Yes - Federal	
3745-19-01	(B)	required	...and for which a permit-to-install has been obtained as required in Chapter 3745-31 of the Administrative Code and a permit-to-operate has been obtained as required in Chapter 3745-77 of the Administrative Code.	3704.03(E)	Federal	CAA 110(a)(2)	Yes - Federal	Yes - Federal	
3745-19-01	(N)(2)	required	... any such municipal corporation shall be required to comply with the requirements of rule 3745-19-03 of the Administrative Code.	3704.03(E)	Federal	CAA 110(a)(2)	Yes - Federal	Yes - Federal	
3745-19-01	(P)(2)(a)	required	40 CFR 60.2974; "Am I required to apply for and obtain a title V operating permit for my air curtain incinerator that burns only wood waste, clean lumber, and yard waste?;" as published in the July 1,2017 Code of Federal Regulations.	3704.03(E)	Federal	CAA 110(a)(2)	Yes - Federal	Yes - Federal	
3745-19-01	(P)(2)(b)	required	40 CFR 60.3069; "Am I required to apply for and obtain a title V operating permit for my air curtain incinerator that burns only wood waste, clean lumber, and yard waste?;" as published in the July 1, 2017 Code of Federal Regulations.	3704.03(E)	Federal	CAA 110(a)(2)	Yes - Federal	Yes - Federal	
3745-19-03	(D)(2)	required	... provided that the application required in paragraph (A)(1) of rule 3745-19-05 of the Administrative Code is submitted by the commercial or public entity responsible for the instruction.	3704.03(E)	Federal	CAA 110(a)(2)	Yes - Federal	Yes - Federal	
3745-19-03	(D)(3)	required	In emergency or other extraordinary circumstances for any purpose determined to be necessary by the director and, if required , performed as identified in...	3704.03(E)	Federal	CAA 110(a)(2)	Yes - Federal	Yes - Federal	
3745-19-04	(B)	required	Open burning shall be allowed for the following purposes without notification to or permission from the Ohio EPA, except as required in paragraph (B)(3)(f) of this rule:	3704.03(E)	Federal	CAA 110(a)(2)	Yes - Federal	Yes - Federal	
3745-19-04	(B)(3)(f)	required	Prior notification to the Ohio EPA in accordance with paragraph (B) of rule 3745-19-05 of the Administrative Code shall be required for the disposal of agricultural waste if ...	3704.03(E)	Federal	CAA 110(a)(2)	Yes - Federal	Yes - Federal	
3745-19-04	(C)(2)	required	... provided that the application required in paragraph (A)(1) of rule 3745-19-05 of the Administrative Code is submitted by the commercial or public entity responsible for the instruction.	3704.03(E)	Federal	CAA 110(a)(2)	Yes - Federal	Yes - Federal	
3745-19-04	(C)(3)	required	In emergency or other extraordinary circumstances for any purpose determined to be necessary by the director and, if required , performed as identified in...	3704.03(E)	Federal	CAA 110(a)(2)	Yes - Federal	Yes - Federal	
3745-19-04	(C)(6)(a)	required	The owner or operator shall apply for a permit-to-install as required in Chapter 3745-31 of the Administrative Code and a title V permit as required in Chapter 3745-77 of the Administrative Code.	3704.03(E)	Federal	CAA 110(a)(2)	Yes - Federal	Yes - Federal	
3745-19-04	(C)(6)(a)	required	The owner or operator shall apply for a permit-to-install as required in Chapter 3745-31 of the Administrative Code and a title V permit as required in Chapter 3745-77 of the Administrative Code.	3704.03(E)	Federal	CAA 110(a)(2)	Yes - Federal	Yes - Federal	
3745-19-05	(A)(1)	required	... The application shall be in such form and contain such information as required by the Ohio EPA.	3704.03(E)	Federal	CAA 110(a)(2)	Yes - Federal	Yes - Federal	
3745-19-05	(A)(6)	required	... The annual application required pursuant to paragraph (A)(1) of this rule shall contain...	3704.03(E)	Federal	CAA 110(a)(2)	Yes - Federal	Yes - Federal	
3745-19-05	(A)(6)	required	... The annual application required pursuant to paragraph (A)(1) of this rule shall contain information as required in paragraph (A)(2) of this rule,...	3704.03(E)	Federal	CAA 110(a)(2)	Yes - Federal	Yes - Federal	
3745-19-05	(A)(6)	required	... except the information required in paragraphs (A)(2)(c) and (A)(2)(d) of this rule need not be provided unless it is available at...	3704.03(E)	Federal	CAA 110(a)(2)	Yes - Federal	Yes - Federal	
3745-19-05	(B)(1)	required	... It shall be in such form and contain such information as shall be required by the Ohio EPA.	3704.03(E)	Federal	CAA 110(a)(2)	Yes - Federal	Yes - Federal	

OAC Rule #	Paragraph	Restriction	Description/Quotation	Statutory Authority	State or Fed Law?	If Fed, crosswalk?	Federally delegated program?	Removal would require state or federal law change?	Requirement on the agency or director?
3745-20-01	(A)	Shall	Except as otherwise provided in paragraph (B) of this rule, the definitions in rule 3745-15-01 of the Administrative Code shall apply to this chapter.	3704.03(E)	Clean Air Act Section 112(d)		yes	yes	
3745-20-01	(B)	Shall	The following definitions shall apply exclusively to this chapter:	3704.03(E)	Clean Air Act Section 112(d)		yes	yes	
3745-20-01	(B)(23)	shall	Any category I or category II asbestos-containing material that becomes damaged from either deterioration or attempts at removal or abatement resulting in small fragments the size of four square inches or less shall also be considered friable or RACM.	3704.03(E)	Clean Air Act Section 112(d)		yes	yes	
3745-20-01	(B)(34)	Shall	Failures of equipment shall not be considered malfunctions if they are caused in any way by poor maintenance, careless operation, or any other preventable upset conditions, equipment breakdown, or process failure.	3704.03(E)	Clean Air Act Section 112(d)		yes	yes	
3745-20-01	(A)(51)	required	"Waste shipment record" means the shipping document, required to be originated and signed by the waste generator, used to track and substantiate the disposition of asbestos-containing waste material	3704.03(E)	Clean Air Act Section 112(d)		yes	yes	
3745-20-01	(B)(34)	shall not	Failures of equipment shall not be considered malfunctions if they are caused in any way by poor maintenance...		Clean Air Act Section 112(d)		yes	yes	
3745-20-02	(A)	Shall	...each owner or operator of any demolition or renovation operation shall have the affected facility or part of the facility where a demolition or renovation operation will occur thoroughly inspected...	3704.03(E)	Clean Air Act Section 112(d)		yes	yes	
3745-20-02	(A)	shall	no person shall identify, detect, or assess asbestos containing materials, determine appropriate response actions unless he or she is certified as an asbestos hazard evaluation specialist by the director ()	3704.03(E)	Clean Air Act Section 112(d)		yes	yes	yes
3745-20-03	(A)	shall	Each owner or operator to whom this rule applies shall perform the following:	3704.03(E)	Clean Air Act Section 112(d)		yes	yes	
3745-20-03	(A)(3)(d)	shall	For asbestos stripping or removal work in any subject demolition or renovation operation (except for any nonscheduled renovation operations, emergency renovation operations and emergency demolition operations) that will begin on a date other than the one contained in the original notice, notice of the new start date shall be provided to the director as follows:	3704.03(E)	Clean Air Act Section 112(d)		yes	yes	
3745-20-03	(A)(3)(d)(i)	shall	When the asbestos stripping or removal operation or demolition operation covered by this paragraph will begin after the date contained in the notice, the owner or operator shall do the following:	3704.03(E)	Clean Air Act Section 112(d)		yes	yes	
3745-20-03	(A)(3)(d)(ii)	shall	When the asbestos stripping or removal operation or demolition operation covered by this paragraph will begin on a date earlier than the original start date, the owner or operator shall do the following:	3704.03(E)	Clean Air Act Section 112(d)		yes	yes	
3745-20-03	(A)(3)(d)(iii)	shall	In no event shall an operation covered by this paragraph begin on a date other than the date contained in the notice of the new start date.	3704.03(E)	Clean Air Act Section 112(d)		yes	yes	
3745-20-03	(B)	shall	In addition to the information required in paragraph (A)(4) of this rule, each owner or operator of an emergency renovation operation shall supply the date and hour that the emergency occurred, a description of the sudden unexpected event, and an explanation of how the event caused an unsafe condition, or would cause equipment damage or would pose an unreasonable financial burden if not immediately corrected.	3704.03(E)	Clean Air Act Section 112(d)		yes	yes	
3745-20-03	(C)	shall	In addition to the information required in paragraph (A)(4) of this rule, each owner or operator of an emergency demolition shall provide the name, title, and authority of the state or local government authority who has ordered the demolition, the date that the order was issued, and the date on which the demolition is ordered to begin.	3704.03(E)	Clean Air Act Section 112(d)		yes	yes	
3745-20-03	(C)	shall	A copy of the order shall be attached to the notification.	3704.03(E)	Clean Air Act Section 112(d)		yes	yes	
3745-20-03	(D)	shall	Each owner or operator shall inform the appropriate Ohio EPA field office by telephone or facsimile concerning any of the following changes to information provided by the notice.	3704.03(E)	Clean Air Act Section 112(d)		yes	yes	
3745-20-03	(D)	shall	An amended notification shall be submitted to the director as soon as possible but not later than one working day following discovery of the change. The changes requiring an amended notification are:	3704.03(E)	Clean Air Act Section 112(d)		yes	yes	
3745-20-03	(E)	shall	All notifications required by this rule shall identify the name and title of the person submitting the notification,	3704.03(E)	Clean Air Act Section 112(d)		yes	yes	
3745-20-03	(E)	shall	and shall be signed and dated by the person submitting the notification. T	3704.03(E)	Clean Air Act Section 112(d)		yes	yes	
3745-20-03	(E)	shall	the certification required in paragraph (A)(4)(p) of this rule shall acknowledge the existence of laws prohibiting the submission of false or misleading statements	3704.03(E)	Clean Air Act Section 112(d)		yes	yes	
3745-20-03	(E)	shall	and shall certify that the facts contained in the notice are true, accurate and complete.	3704.03(E)	Clean Air Act Section 112(d)		yes	yes	
3745-20-03	(A)(4)(p)	required	A certification that at least one person trained as required by paragraph (B) of rule 3745-20-04 of the Administrative Code will supervise the stripping and removal described by this notification.	3704.03(E)	Clean Air Act Section 112(d)		yes	yes	
3745-20-03	(B)	required	In addition to the information required in paragraph (A)(4) of this rule, each owner or operator of an emergency renovation operation shall supply the date and hour that the emergency occurred, a description of the sudden unexpected event, and an explanation of how the event caused an unsafe condition, or would cause equipment damage or would pose an unreasonable financial burden if not immediately corrected.	3704.03(E)	Clean Air Act Section 112(d)		yes	yes	
3745-20-03	(C)	required	In addition to the information required in paragraph (A)(4) of this rule, each owner or operator of an emergency demolition shall provide the name, title, and authority of the state or local government authority who has ordered the demolition, the date that the order was issued, and the date on which the demolition is ordered to begin. A copy of the order shall be attached to the notification.	3704.03(E)	Clean Air Act Section 112(d)		yes	yes	
3745-20-03	(E)	required	All notifications required by this rule shall identify the name and title of the person submitting the notification, and shall be signed and dated by the person submitting the notification.	3704.03(E)	Clean Air Act Section 112(d)		yes	yes	
3745-20-03	(E)	required	The certification required in paragraph (A)(4)(p) of this rule shall acknowledge the existence of laws prohibiting the submission of false or misleading statements and shall certify that the facts contained in the notice are true, accurate and complete.	3704.03(E)	Clean Air Act Section 112(d)			yes	

3745-20-04	(A)	shall	Each owner or operator of a demolition or renovation operation to whom this rule applies shall comply with the following procedures:	3704.03(E)	Clean Air Act Section 112(d)		yes	yes	
3745-20-04	(A)(3)(C)	shall	The owner or operator uses alternative emission controls in accordance with the terms of the determination. At a minimum the owner or operator shall use one of the following:	3704.03(E)	Clean Air Act Section 112(d)		yes	yes	
3745-20-04	(A)(3)(c)(i)	shall	A local exhaust ventilation and collection system designed and operated to capture the particulate asbestos materials produced by the stripping and removal of friable asbestos material. The system shall exhibit no visible emissions to the outside air or be designed and operated in accordance with the requirements in rule 3745-20-12 of the Administrative Code.	3704.03(E)	Clean Air Act Section 112(d)		yes	yes	
3745-20-04	(A)(3)(d)	shall	Requests for alternative emission control methods shall be submitted concurrently with the request contained in paragraph (A)(3)(a) of this rule.	3704.03(E)	Clean Air Act Section 112(d)		yes	yes	
3745-20-04	(A)(3)(e)	shall	A copy of the director's written determination shall be displayed at the worksite during the renovation operation.	3704.03(E)	Clean Air Act Section 112(d)		yes	yes	
3745-20-04	(A)(4)	shall	After a facility component covered with, coated with or containing regulated asbestos-containing material has been removed from the facility as a unit or in sections pursuant to paragraph (A)(2) of this rule, except as provided in paragraph (A)(5) of this rule, the owner or operator shall do one of the following:	3704.03(E)	Clean Air Act Section 112(d)		yes	yes	
3745-20-04	(A)(6)	shall	For all regulated asbestos-containing material including material that has been removed or stripped, the owner or operator shall do all of the following:	3704.03(E)	Clean Air Act Section 112(d)		yes	yes	
3745-20-04	(A)(7)	shall	When the temperature at the point of wetting is below thirty-two degrees Fahrenheit, the owner or operator shall do the following:	3704.03(E)	Clean Air Act Section 112(d)		yes	yes	
3745-20-04	(A)(7)(b)	shall	Use a local exhaust ventilation and collection system designed and operated to capture the particulate asbestos materials produced by the stripping and removal of friable asbestos material. The system shall exhibit no visible emissions.	3704.03(E)	Clean Air Act Section 112(d)		yes	yes	
3745-20-04	(A)(7)(d)	shall	During periods when wetting operations are suspended due to freezing temperatures, the owner or operator shall record the temperature in the area containing the facility components at the beginning, middle, and end of each operating day and keep daily temperature records available for inspection by the director or the director's representative during normal business hours at the demolition or renovation site.	3704.03(E)	Clean Air Act Section 112(d)		yes	yes	
3745-20-04	(A)(7)(d)	shall	The owner or operator shall retain the temperature records for at least two years.	3704.03(E)	Clean Air Act Section 112(d)		yes	yes	
3745-20-04	(B)	shall	No regulated asbestos-containing material shall be stripped, removed, or otherwise handled or disturbed at a facility regulated by this chapter unless all of the following provisions are met:	3704.03(E)	Clean Air Act Section 112(d)		yes	yes	
3745-20-04	(B)(2)	shall	The training required in paragraph (B)(1) of this rule shall include, as a minimum, adequate training in the provisions of this chapter for the following:	3704.03(E)	Clean Air Act Section 112(d)		yes	yes	
3745-20-04	(B)(3)	shall	Every two years, the trained on-site authorized representative shall receive refresher training in the provisions of this chapter.	3704.03(E)	Clean Air Act Section 112(d)		yes	yes	
3745-20-04	(B)(4)	shall	Evidence that the required training has been completed shall be posted and made available for inspection by the director or the director's representative at the demolition or renovation site.	3704.03(E)	Clean Air Act Section 112(d)		yes	yes	
3745-20-04	(B)(4)	shall	[Comment: Paragraph (A) of rule 3745-22-02 of the Administrative Code states that "No business entity or public entity shall perform, directly or indirectly, any asbestos hazard abatement activity as defined in paragraph (C) of rule 3745-22-01 of the Administrative Code without a valid license from the director."]	3704.03(E)	Clean Air Act Section 112(d)		yes	yes	
3745-20-04	(C)	shall	Each owner or operator of any demolition or renovation operation, shall ensure all regulated asbestos-containing materials which have been damaged or made friable by demolition, renovation or adjacent stripping operations are repaired, encapsulated, or removed for disposal in accordance with rule 3745-20-05 of the Administrative Code, prior to the removal of emission controls.	3704.03(E)	Clean Air Act Section 112(d)		yes	yes	
3745-20-04	(A)(1)(c)	must	If not removed for safety reasons, the exposed regulated asbestos-containing material and any asbestos-contaminated debris must be treated as asbestos-containing waste material and adequately wet at all times until disposed of.		Clean Air Act Section 112(d)		yes	yes	
3745-20-04	(A)(4)(b)	must	During stripping, use a local exhaust ventilation and collection system operated to capture the particulate asbestos material produced by the stripping. The system must exhibit no visible emissions to the outside air	3704.03(E)	Clean Air Act Section 112(d)		yes	yes	
3745-20-04	(A)(4)(b)	must	or must be designed and operated in accordance with the requirements in rule 3745-20-12 of the Administrative Code.	3704.03(E)	Clean Air Act Section 112(d)		yes	yes	
3745-20-04	(A)(5)	must	For large facility components such as reactor vessels, large tanks, and steam generators, but not beams (which must be handled in accordance with paragraphs (A)(2), (A)(3), and (A)(4) of this rule), the regulated asbestos-containing material is not required to be stripped if the following are met:	3704.03(E)	Clean Air Act Section 112(d)		yes	yes	
3745-20-04	(E)	must	If a facility is demolished by intentional burning, or if demolition debris is to be burned, all regulated asbestos-containing material including category I and category II nonfriable asbestos-containing material must be removed in accordance with this chapter before burning.	3704.03(E)	Clean Air Act Section 112(d)		yes	yes	
3745-20-04	(A)(3)	required	Adequately wet regulated asbestos-containing materials when they are being stripped from facility components. In renovation operations, wetting that would unavoidably damage equipment or cause an unreasonable safety hazard is not required if the following conditions are met:	3704.03(E)	Clean Air Act Section 112(d)		yes	yes	
3745-20-04	(A)(5)	required	For large facility components such as reactor vessels, large tanks, and steam generators, but not beams (which must be handled in accordance with paragraphs (A)(2), (A)(3), and (A)(4) of this rule), the regulated asbestos-containing material is not required to be stripped if the following are met:	3704.03(E)	Clean Air Act Section 112(d)		yes	yes	
3745-20-04	(B)(2)	required	The training required in paragraph (B)(1) of this rule shall include, as a minimum, adequate training in the provisions of this chapter for the following:	3704.03(E)	Clean Air Act Section 112(d)		yes	yes	
3745-20-04	(B)(4)	required	Evidence that the required training has been completed shall be posted and made available for inspection by the director or the director's representative at the demolition or renovation site.	3704.03(E)	Clean Air Act Section 112(d)		yes	yes	

3745-20-05	(A)	shall	All asbestos-containing waste material shall be deposited as soon as is practical by the waste generator at one of the following:	3704.03(E)	Clean Air Act Section 112(d)		yes	yes	
3745-20-05	(B)	shall	Each owner or operator of any demolition, renovation, manufacturing, fabricating or spraying operation to whom this rule applies, shall discharge no visible emissions to the outside air during the collection, processing (including incineration), packaging, transporting, or deposition of any asbestos-containing waste material, and use one of the methods specified in paragraphs (B)(1) to (B)(4) of this rule:	3704.03(E)	Clean Air Act Section 112(d)		yes	yes	
3745-20-05	(B)(2)	shall	For facilities demolished in accordance with paragraph (A)(1) or (D) of rule 3745-20-04 of the Administrative Code, where asbestos was not removed prior to demolition, keep asbestos-containing waste material adequately wet at all times during and after demolition, and during handling, loading, transport and disposal at an active waste disposal site. Asbestos-containing waste materials covered by this paragraph shall either be sealed in leak-tight containers that comply with paragraph (C) of this rule or may be transported in bulk by leak-tight transport vehicles or containers that are securely covered or enclosed and cause no visible emissions.	3704.03(E)	Clean Air Act Section 112(d)		yes	yes	
3745-20-05	(C)	shall	Each waste generator shall ensure that asbestos waste containers shall meet the following minimum standards:	3704.03(E)	Clean Air Act Section 112(d)		yes	yes	
3745-20-05	(C)(1)	shall	All containers of asbestos-containing waste material and wrapped material shall be labeled, using permanent markings with letters of sufficient size and contrast so as to be readily visible and legible, as follows:	3704.03(E)	Clean Air Act Section 112(d)		yes	yes	
3745-20-05	(C)(2)	shall	Asbestos-containing waste materials shall be sealed in plastic bags having a thickness of at least 0.006 inch (six-mils).	3704.03(E)	Clean Air Act Section 112(d)		yes	yes	
3745-20-05	(C)(2)	shall	A second clean, leak-tight plastic bag having a thickness of at least 0.006 inch (six-mils) shall fully contain the first bag.	3704.03(E)	Clean Air Act Section 112(d)		yes	yes	
3745-20-05	(C)(3)	shall	A combination of a 0.006 inch (six-mils) plastic bag and a leak-tight steel, plastic, or fiber drum, or reinforced disposal box, leak-tight polypropylene woven fabric bag, or similar suitable and durable container. Drums shall be fitted with a matching lid...	3704.03(E)	Clean Air Act Section 112(d)		yes	yes	
3745-20-05	(C)(3)	shall	...and lock-rims, and boxes shall be banded and sealed with reinforced tape or in accordance with manufacturers recommendations.	3704.03(E)	Clean Air Act Section 112(d)		yes	yes	
3745-20-05	(C)(4)	shall	Facility components removed in units or sections, or materials that will not fit into containers without additional breaking, shall be sealed with at least 0.012 inch (twelve mils) of leak-tight plastic or at least 0.010 inch (ten mils) of leak-tight polypropylene woven fabric.	3704.03(E)	Clean Air Act Section 112(d)		yes	yes	
3745-20-05	(C)(5)(b)	shall	Any owner or operator using an approved alternative waste disposal system or emission control and waste treatment method shall operate the system in accordance with the conditions of the director's approval.	3704.03(E)	Clean Air Act Section 112(d)		yes	yes	
3745-20-05	(D)	shall	Each waste generator shall mark vehicles used to transport asbestos-containing waste material during the loading and unloading of waste so that the signs are visible.	3704.03(E)	Clean Air Act Section 112(d)		yes	yes	
3745-20-05	(E)	shall	For all asbestos-containing waste material transported off the facility site, each waste generator and owner or operator of a waste disposal site shall maintain waste shipment records.	3704.03(E)	Clean Air Act Section 112(d)		yes	yes	
3745-20-05	(E)	shall	The waste shipment record shall be legible, complete, signed and dated by the waste generator and waste disposal site operator as follows:	3704.03(E)	Clean Air Act Section 112(d)		yes	yes	
3745-20-05	(E)(1)	shall	The waste shipment record shall include the following information:	3704.03(E)	Clean Air Act Section 112(d)		yes	yes	
3745-20-05	(E)(2)	shall	The waste generator and the owner or operator of the waste disposal site shall conform to the following procedures:	3704.03(E)	Clean Air Act Section 112(d)		yes	yes	
3745-20-05	(E)(2)(a)	shall	Before releasing the waste shipment for off-site disposal the waste generator shall complete the information required by paragraphs (E)(1)(a) to (E)(1)(h) of this rule, and sign and date on the date of shipment, the certification required by paragraph (E)(1)(i) of this rule.	3704.03(E)	Clean Air Act Section 112(d)		yes	yes	
3745-20-05	(E)(2)(b)	shall	Upon receiving the waste shipment the waste disposal site operator shall do the following:	3704.03(E)	Clean Air Act Section 112(d)		yes	yes	
3745-20-05	(E)(3)	shall	When the waste generator does not receive a completed waste shipment record signed by the owner or operator of the designated disposal site, within thirty-five days of the date the waste was accepted by the initial transporter, the waste generator shall contact the transporter or the owner or operator of the designated disposal site to determine the status of the waste shipment.	3704.03(E)	Clean Air Act Section 112(d)		yes	yes	
3745-20-05	(E)(4)	shall	The waste generator shall report in writing to the appropriate Ohio EPA field office if	3704.03(E)	Clean Air Act Section 112(d)		yes	yes	
3745-20-05	(E)(5)	shall	The waste generator and waste disposal site owner or operator, shall retain a copy of all waste shipment records for at least two years.	3704.03(E)	Clean Air Act Section 112(d)		yes	yes	
3745-20-05	(F)	shall	Each waste generator or facility owner shall furnish upon request, and make available for inspection by the director or the director's representative, all records required to be maintained under this rule.	3704.03(E)	Clean Air Act Section 112(d)		yes	yes	
3745-20-05	(G)	shall	When removing or transporting asbestos-containing waste material to a disposal site, each owner or operator of any demolition or renovation operation to whom this rule applies shall prepare and secure any load of asbestos-containing waste material in a manner that prevents any visible emissions, load loss, and spillage or leakage of liquids.	3704.03(E)	Clean Air Act Section 112(d)		yes	yes	
3745-20-05	(C)(5)	must	To obtain approval for an alternative asbestos waste disposal system or emission control and waste treatment method, the applicant must submit the following:	3704.03(E)	Clean Air Act Section 112(d)		yes	yes	
3745-20-05	(D)(2)	must	...Spacing between any two lines must be at least equal to the height of the upper of the two lines.	3704.03(E)	Clean Air Act Section 112(d)		yes	yes	
3745-20-05	(E)(2)(a)	required	Before releasing the waste shipment for off-site disposal the waste generator shall complete the information required	3704.03(E)	Clean Air Act Section 112(d)		yes	yes	
3745-20-05	(E)(2)(a)	required	by paragraphs (E)(1)(a) to (E)(1)(h) of this rule, and sign and date on the date of shipment, the certification required by paragraph (E)(1)(i) of this rule.	3704.03(E)	Clean Air Act Section 112(d)		yes	yes	
3745-20-05	(F)	required	Each waste generator or facility owner shall furnish upon request, and make available for inspection by the director or the director's representative, all records required to be maintained under this rule.	3704.03(E)	Clean Air Act Section 112(d)		yes	yes	
3745-20-06	(A)	shall	Each owner or operator of an active asbestos waste disposal site shall do either of the following:	3704.03(E)	Clean Air Act Section 112(d)		yes	yes	

3745-20-06	(A)(2)(e)	shall	The owner or operator shall display the following information on a sign not less than twenty by fourteen inches, so that the sign is visible at all entrances and at intervals of three hundred feet or less along the property line or fencing immediately surrounding the restricted area using letter sizes and styles of a visibility at least equal to the following specifications: one inch sans serif, gothic or block in the first and second line; and at least three-fourths inches sans serif, gothic or block in the third line; and fourteen point gothic in the fourth line.	3704.03(E)	Clean Air Act Section 112(d)		yes	yes	
3745-20-06	(A)(2)(e)	shall	Spacing between any two lines shall be at least equal to the height of the upper of the two lines:	3704.03(E)	Clean Air Act Section 112(d)		yes	yes	
3745-20-06	(B)	shall	For all asbestos-containing waste material received, the owner or operator of the active waste disposal site shall do the following:	3704.03(E)	Clean Air Act Section 112(d)		yes	yes	
3745-20-06	(C)	shall	The owner or operator of the active waste disposal site shall furnish all records required under this rule upon request and make them available during normal business hours for inspection by the director or the director's representative.	3704.03(E)	Clean Air Act Section 112(d)		yes	yes	
3745-20-06	(D)	shall	Upon closure of the facility, the owner or operator of the active waste disposal site shall comply with all the provisions of rule 3745-20-07 of the Administrative Code	3704.03(E)	Clean Air Act Section 112(d)		yes	yes	
3745-20-06	(D)	shall	and shall submit a copy of the records of the asbestos waste disposal locations and quantities to the director.	3704.03(E)	Clean Air Act Section 112(d)		yes	yes	
3745-20-06	(E)	shall	The owner or operator of the active waste disposal site shall notify the director in writing at least forty-five days prior to excavating or otherwise disturbing any asbestos-containing waste material that has been deposited at a waste disposal site and covered.	3704.03(E)	Clean Air Act Section 112(d)		yes	yes	
3745-20-06	(E)	shall	In no event shall excavation begin earlier than the date specified in the original notification.	3704.03(E)	Clean Air Act Section 112(d)		yes	yes	
3745-20-06	(E)	shall	The owner or operator shall include the following information in the notice:	3704.03(E)	Clean Air Act Section 112(d)		yes	yes	
3745-20-06	(B)	required	Retain a copy of all other records and reports required by this chapter for at least two years.	3704.03(E)	Clean Air Act Section 112(d)		yes	yes	
3745-20-06	(C)	required	The owner or operator of the active waste disposal site shall furnish all records required under this rule upon request and make them available during normal business hours for inspection by the director or the director's representative.	3704.03(E)	Clean Air Act Section 112(d)		yes	yes	
3745-20-07	(A)	shall	Each owner or operator of an inactive asbestos waste disposal site shall do one of the following:	3704.03(E)	Clean Air Act Section 112(d)		yes	yes	
3745-20-07	(A)(1)	shall	Shall not cause or emit visible emissions to the outside air from an inactive asbestos waste disposal site.	3704.03(E)	Clean Air Act Section 112(d)		yes	yes	
3745-20-07	(B)	shall	Unless a natural barrier adequately deters access by the general public, each owner or operator of an inactive asbestos waste disposal site shall install and maintain warning signs and fencing as follows, or comply with paragraph (A)(2) or (A)(3) of this rule.	3704.03(E)	Clean Air Act Section 112(d)		yes	yes	
3745-20-07	(B)(1)	shall	Display warning signs at all entrances and at intervals of three hundred feet or less along the property line of the site or along the perimeter of the sections of the site where asbestos-containing waste material was deposited. The warning signs shall :	3704.03(E)	Clean Air Act Section 112(d)		yes	yes	
3745-20-07	(B)(1)(b)	shall	Spacing between any two lines shall be at least equal to the height of the upper of the two lines:	3704.03(E)	Clean Air Act Section 112(d)		yes	yes	
3745-20-07	(B)(3)	shall	Upon request and submission of appropriate information, the director shall determine whether a fence or a natural barrier adequately deters access by the public.	3704.03(E)	Clean Air Act Section 112(d)		yes	yes	
3745-20-07	(D)	shall	Each owner or operator of an inactive asbestos waste disposal site shall notify the director in writing at least forty-five days prior to excavating or otherwise disturbing or removing any asbestos-containing waste material.	3704.03(E)	Clean Air Act Section 112(d)		yes	yes	
3745-20-07	(D)	shall	...In no event shall excavation begin earlier than the date specified in the original notification	3704.03(E)	Clean Air Act Section 112(d)		yes	yes	
3745-20-07	(D)	shall	Each owner or operator shall include the following information in the notice:	3704.03(E)	Clean Air Act Section 112(d)		yes	yes	
3745-20-07	(E)	shall	Within sixty days of a site becoming inactive and after November 20, 1990, record a notation of the presence of asbestos-containing waste material on the deed to the facility property and on any other instrument that would normally be examined during a title search; this notation shall , in perpetuity, notify any potential purchaser of the property of the following information:	3704.03(E)	Clean Air Act Section 112(d)		yes	yes	
3745-20-07	(D)	must	If the excavation will begin on a date other than the one contained in the original notice, notice of the new start date must be provided to the director at least ten working days before excavation begins.	3704.03(E)	Clean Air Act Section 112(d)		yes	yes	
3745-20-07	(D)(3)	require	the director may require changes in the emission control procedures to be used.	3704.03(E)	Clean Air Act Section 112(d)		yes	yes	
3745-20-07	(A)(1)	shall not	Shall not cause or emit visible emissions to the outside air from an inactive asbestos waste disposal site.	3704.03(E)	Clean Air Act Section 112(d)		yes	yes	
3745-20-07	(E)(2)	required	The survey plot and record of the location and quantity of asbestos-containing waste disposed of within the disposal site required in paragraph (C)(2) of rule 3745-20-06 of the Administrative Code has been filed with the director.	3704.03(E)	Clean Air Act Section 112(d)		yes	yes	
3745-20-08	(A)	shall	In the case of a new source that does not have an initial start up date preceding November 20, 1990, the information shall be provided by the owner or operator,	3704.03(E)	Clean Air Act Section 112(d)		yes	yes	
3745-20-08	(B)	shall	Any changes in the information provided for paragraph (A) of this rule by any existing source shall be provided to the director, postmarked or delivered, within thirty days after the change.	3704.03(E)	Clean Air Act Section 112(d)		yes	yes	
3745-20-08	(C)	shall	All owners and operators of sources except roadways, demolition and renovation, spraying, and insulating materials shall comply with this paragraph...	3704.03(E)	Clean Air Act Section 112(d)		yes	yes	
3745-20-08	(C)	shall	In addition to the information required in paragraph (A) of this rule, the owner or operator of each existing source or each new source which had an initial start up before November 18, 2002 shall provide the following information in writing to the director by February 18, 2003...	3704.03(E)	Clean Air Act Section 112(d)		yes	yes	
3745-20-08	(C)	shall	The following information described in this rule shall be reported using the format provided in 40 CFR Part 61, Appendix A:	3704.03(E)	Clean Air Act Section 112(d)		yes	yes	
3745-20-08	(D)	shall	Any changes in the information provided for paragraph (C) of this rule by any existing source shall be provided to the director, postmarked or delivered, within thirty days after the change.	3704.03(E)	Clean Air Act Section 112(d)		yes	yes	
3745-20-08	(E)	shall	No person shall install or operate a new source regulated under rule 3745-20-06, 3745-20-10, 3745-20-11, or 3745-20-13 of the Administrative Code unless the owner or operator applies for and obtains from the Ohio EPA one of the following as applicable:	3704.03(E)	Clean Air Act Section 112(d)		yes	yes	

3745-20-08	(C)(4)	must	A brief description of the nature, size, design, and method of operation of the stationary source including the operating design capacity of the source. The description must identify each point or fugitive source of emission for each hazardous air pollutant.	3704.03(E)	Clean Air Act Section 112(d)		yes	yes	
3745-20-08	(A)	required	Any owner or operator of a new source to which this chapter applies with the exception of sources subject to rules 3745-20-04 (demolition and renovation), 3745-20-09 (roadways), 3745-20-14 (insulating), and 3745-20-15 (spraying) of the Administrative Code, and which has an initial start up date preceding November 20, 1990, was required to provide the following information to the director postmarked or delivered by February 18, 1991. In the case of a new source that does not have an initial start up date preceding November 20, 1990, the information shall be provided by the owner or operator, postmarked or delivered, within ninety days of the initial start up date of that source.	3704.03(E)	Clean Air Act Section 112(d)		yes	yes	
3745-20-08	(A)	required	Any owner or operator of an existing source was required to provide the following information to the director within ninety days of November 20, 1990, unless the owner or operator of the existing source has previously provided this information to the director:	3704.03(E)	Clean Air Act Section 112(d)		yes	yes	
3745-20-08	(C)	required	In addition to the information required in paragraph (A) of this rule, the owner or operator of each existing source or each new source which had an initial start up before November 18, 2002 shall provide the following information in writing to the director by February 18, 2003.	3704.03(E)	Clean Air Act Section 112(d)		yes	yes	
3745-20-09		shall	No person shall construct or maintain a roadway with asbestos tailings or asbestos-containing waste material on that roadway, unless, for asbestos tailings, the roadway conforms to one of the following:	3704.03(E)	Clean Air Act Section 112(d)		yes	yes	
3745-20-09	(B)	shall	It is a temporary roadway at an active asbestos mill site and is encapsulated with a resinous or bituminous binder. The encapsulated road surface shall be maintained at a minimum frequency of once per year to prevent dust emissions.	3704.03(E)	Clean Air Act Section 112(d)		yes	yes	
3745-20-10	(B)	shall	Each owner or operator of an asbestos mill or any of the asbestos manufacturing operations to which this rule applies shall perform at least one of the following:	3704.03(E)	Clean Air Act Section 112(d)		yes	yes	
3745-20-10	(B)(3)	shall	The monitoring shall be by visual observation of at least fifteen seconds duration per source of emissions.	3704.03(E)	Clean Air Act Section 112(d)		yes	yes	
3745-20-10	(B)(8)	shall	Submit semiannually a copy of the visible emission monitoring records to the Ohio EPA field office if visible emissions occurred during the report period. Semiannual reports shall be postmarked by the thirtieth day following the end of the six-month period.	3704.03(E)	Clean Air Act Section 112(d)		yes	yes	
3745-20-10	(B)(6)	required	Furnish upon request, and make available at the affected facility during normal business hours for inspection by the director or the director's representative, all records required under this rule.	3704.03(E)	Clean Air Act Section 112(d)		yes	yes	
3745-20-11	(B)	shall	Each owner or operator of any of the fabricating operations to which this rule applies shall perform one of the following:	3704.03(E)	Clean Air Act Section 112(d)		yes	yes	
3745-20-11	(B)(3)	shall	...The monitoring shall be by visual observation of at least fifteen seconds duration per source of emissions.	3704.03(E)	Clean Air Act Section 112(d)		yes	yes	
3745-20-11	(B)(8)	shall	Submit semiannually a copy of the visible emission monitoring records to the Ohio EPA field office if visible emissions occurred during the report period. Semiannual reports shall be postmarked by the thirtieth day following the end of the six-month period.	3704.03(E)	Clean Air Act Section 112(d)		yes	yes	
3745-20-11	(B)(6)	required	Furnish upon request, and make available at the affected facility during normal business hours for inspection by the director or the director's representative, all records required under this rule.						
3745-20-12	(A)	shall	The owner or operator who uses air cleaning, as specified in this chapter shall do the following:	3704.03(E)	Clean Air Act Section 112(d)		yes	yes	
3745-20-13	(A)	shall	Each owner or operator of an operation that converts regulated asbestos-containing material and asbestos-containing waste material into nonasbestos (asbestos-free) material shall obtain from the director either of the following as applicable:	3704.03(E)	Clean Air Act Section 112(d)		yes	yes	
3745-20-13	(B)	shall	To obtain a permit-to-install or a permit-to-install and operate, the owner or operator shall submit a completed application in accordance with Chapter 3745-31 of the Administrative Code, and provide the director with the following information:	3704.03(E)	Clean Air Act Section 112(d)		yes	yes	
3745-20-13	(C)	shall	Prior to being issued a a permit-to-install and operate pursuant to Chapter 3745-31 of the Administrative Code or a permit-to-operate pursuant to Chapter 3745-77 of the Administrative Code, the owner or operator shall conduct a start-up performance test.	3704.03(E)	Clean Air Act Section 112(d)		yes	yes	
3745-20-13	(C)	shall	Test results shall include the following:	3704.03(E)	Clean Air Act Section 112(d)		yes	yes	
3745-20-13	(D)	shall	During the initial ninety days of operation, each owner or operator of an operation that converts regulated asbestos-containing material and asbestos-containing waste material into non-asbestos (asbestos-free) material, shall do the following:	3704.03(E)	Clean Air Act Section 112(d)		yes	yes	
3745-20-13	(D)(3)	shall	Collect and analyze samples, taken as ten-day composite samples (one, two hundred gram (seven ounce) sample collected every eight hours of operation) of all output material for the presence of asbestos. Composite samples may be for fewer than ten days. Transmission electron microscopy (TEM) shall be used to analyze the output material for the presence of asbestos. During the initial ninety-day period, all output materials must be stored on-site until analysis shows the material to be asbestos-free or disposed of as asbestos-containing waste material in accordance with rule 3745-20-05 of the Administrative Code.	3704.03(E)	Clean Air Act Section 112(d)		yes	yes	
3745-20-13	(E)	shall	After the initial ninety days of operation each owner or operator of an operation that converts regulated asbestos-containing material and asbestos-containing waste material into non-asbestos (asbestos-free) material shall :	3704.03(E)	Clean Air Act Section 112(d)		yes	yes	
3745-20-13	(E)(3)(c)	shall	Any product material that is not asbestos-free shall be either disposed of as asbestos-containing waste material or recycled as waste feed to the process.	3704.03(E)	Clean Air Act Section 112(d)		yes	yes	
3745-20-13	(E)(4)	shall	Collect and analyze monthly composite samples (one two hundred gram (seven ounce) sample collected every eight hours of operation) of the output material. Transmission electron microscopy shall be used to analyze the output material for the presence of.	3704.03(E)	Clean Air Act Section 112(d)		yes	yes	

3745-20-13	(F)	shall	Each owner or operator of an operation that converts regulated asbestos-containing material and asbestos-containing waste material into non-asbestos (asbestos-free) material shall not cause or permit any visible emissions to the outside air from any part of the operation, or use the methods specified by rule 3745-20-12 of the Administrative Code to clean emissions containing particulate asbestos material before the emissions escape to, or are vented to, the outside air.	3704.03(E)	Clean Air Act Section 112(d)		yes	yes	
3745-20-13	(G)	shall	Each owner or operator of an operation that converts regulated asbestos-containing material and asbestos-containing waste material into non-asbestos (asbestos-free) material shall maintain records on-site and include the following information:	3704.03(E)	Clean Air Act Section 112(d)		yes	yes	
3745-20-13	(H)	shall	Each owner or operator of an operation that converts regulated asbestos-containing material and asbestos-containing waste material into non-asbestos (asbestos-free) material shall submit the following reports to the director:	3704.03(E)	Clean Air Act Section 112(d)		yes	yes	
3745-20-13	(I)	shall	...Output materials in which asbestos is detected, or output materials produced when the operating parameters deviated from those established during the start-up performance testing, unless shown by transmission electron microscopy analysis to be asbestos-free, shall be considered to be asbestos-containing waste...	3704.03(E)	Clean Air Act Section 112(d)		yes	yes	
3745-20-13	(I)	shall	and shall be handled and disposed of according to rules 3745-20-05 and 3745-20-06 of the Administrative Code or reprocessed while all of the established operating parameters are being met.	3704.03(E)	Clean Air Act Section 112(d)		yes	yes	
3745-20-13	(D)(3)	must	Composite samples may be for fewer than ten days. Transmission electron microscopy (TEM) shall be used to analyze the output material for the presence of asbestos. During the initial ninety-day period, all output materials must be stored on-site until analysis shows the material to be asbestos-free or disposed of as asbestos-containing waste material in accordance with rule 3745-20-05 of the Administrative Code.	3704.03(E)	Clean Air Act Section 112(d)		yes	yes	
3745-20-13	(B)(6)	require	The director may require that a demonstration of the process be performed prior to issuing the permit to install.	3704.03(E)	Clean Air Act Section 112(d)		yes	yes	
3745-20-13	(F)	shall not	Each owner or operator of an operation that converts regulated asbestos-containing material and asbestos-containing waste material into non-asbestos (asbestos-free) material shall not cause or permit any visible emissions to the outside air from any part of the operation, or use the methods specified by rule 3745-20-12 of the Administrative Code to clean emissions containing particulate asbestos material before the emissions escape to, or are vented to, the outside air.	3704.03(E)	Clean Air Act Section 112(d)		yes	yes	
3745-20-13	(B)(5)	required	Performance test protocol, including provisions for obtaining information required under paragraph (A)(2) of this rule.	3704.03(E)	Clean Air Act Section 112(d)		yes	yes	
3745-20-13	(G)(2)	required	Results of the composite analyses required during the initial ninety days of operation under paragraph (B) of this rule.	3704.03(E)	Clean Air Act Section 112(d)		yes	yes	
3745-20-13	(G)(3)	required	Results of the monthly composite analyses required under paragraph (C) of this rule.	3704.03(E)	Clean Air Act Section 112(d)		yes	yes	
3745-20-13	(G)(4)	required	Results of continuous monitoring and logs of process operating parameters required under paragraphs (B) and (C) of this rule.	3704.03(E)	Clean Air Act Section 112(d)		yes	yes	
3745-20-13	(G)(5)	required	The information on waste shipments received as required in paragraph (B) of rule 3745-20-06 of the Administrative Code.	3704.03(E)	Clean Air Act Section 112(d)		yes	yes	
3745-20-13	(G)(7)	required	Retain records required by this rule for at least two years.	3704.03(E)	Clean Air Act Section 112(d)		yes	yes	
3745-20-13	(H)(2)(d)	required	The information on waste disposal activities as required in paragraph (B)(2) of rule 3745-20-06 of the Administrative Code.	3704.03(E)	Clean Air Act Section 112(d)		yes	yes	
3745-20-14		shall not	An owner or operator of a facility shall not install or reinstall on a facility component any insulating materials that contain commercial asbestos if the materials are either molded and friable or wet-applied and friable after drying. The provisions of this rule do not apply to spray-applied insulating materials regulated under rule 3745-20-15 of the Administrative Code.	3704.03(E)	Clean Air Act Section 112(d)		yes	yes	
3745-20-15	(A)	shall	No owner or operator of an operation in which asbestos-containing materials are spray applied on buildings, structures, pipes, and conduits, shall use material containing more than one per cent asbestos, as determined using the method specified in 40 CFR Part 763, Subpart E, Appendix E, Section 1, Polarized Light Microscopy (PLM), except as provided in paragraph (C) of this rule.		Clean Air Act Section 112(d)		yes	yes	
3745-20-15	(B)	shall	The owner or operator of an operation in which asbestos-containing materials that contain more than one per cent asbestos, as determined using the method specified in 40 CFR Part 763, Subpart E, Appendix E, Section 1, Polarized Light Microscopy (PLM), are spray applied on equipment and machinery, except as provided in paragraph (C) of this rule, shall do the following:	3704.03(E)	Clean Air Act Section 112(d)		yes	yes	
3745-20-15	(B)(1)	shall	Notify the director at least twenty days before beginning the spraying operation. The notice shall include the following:	3704.03(E)	Clean Air Act Section 112(d)		yes	yes	
3745-20-15	(B)(2)	Shall not	Shall not cause or permit any visible emissions to the outside air from spray-on application of asbestos-containing material or use the methods specified by rule 3745-20-12 of the Administrative Code to clean emissions containing particulate asbestos material before the emissions escape to, or are vented to, the outside air.	3704.03(E)	Clean Air Act Section 112(d)		yes	yes	

OAC Rule #	Paragraph	Restriction	Description/Quotation	Statutory Authority	State or Fed Law?	If Fed, crosswalk?	Federally delegated program?	Removal would require state or federal law change?	Requirement on the agency or director?
3745-21-01	(A)	shall	Except as otherwise provided in this rule, the definitions in rule 3745-15-01 of the Administrative Code shall apply to this chapter.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-01	(B)(15)	shall	... including air pollution control equipment and restrictions on hours of operation or on the type or amount of material combusted, stored or processed, shall be treated as part of its design if the limitation or the effect it would have on emissions is federally enforceable or legally and practicably enforceable by the state.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-01	(C)(5)(c)	shall	... it shall be considered as a member of the most reactive chemical group, that is, that group having the least allowable per cent of the total volume of liquid.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-01	(C)(6)	shall	... or when applied to a tank which is loaded from the side, shall mean any fill pipe with the discharge opening entirely submerged when the liquid level is eighteen inches above the bottom of the tank.	3704.03(E)	Yes	CAA 182(a)(2)(A) CAA 182(b)(2)	Yes	Yes	No
3745-21-01	(D)(53)	shall	Coating of plastic parts of automobiles and trucks" means the coating of any plastic part that is or shall be assembled with other parts to form an automobile or truck	3704.03(E)	Yes	CAA 182(a)(2)(A) CAA 182(b)(2)	Yes	Yes	No
3745-21-01	(D)(54)	shall	Coating of plastic parts of business machines" means the coating of any plastic part that is or shall be assembled with other parts to form a business machine.	3704.03(E)	Yes	CAA 182(a)(2)(A) CAA 182(b)(2)	Yes	Yes	No
3745-21-01	(D)(86)	shall not	Fog coating" means a coating is applied to a plastic part for the purpose of color matching without masking a molded-in texture. A fog coat shall not be applied at a thickness of more than 0.5 mils of coating solids	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-01	(D)(89)(b)	shall not	... and such gloss reducer shall not be applied at a thickness of more than 0.5 mils of coating solids.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-01	(D)(145)	shall	The owner or operator of such vessels shall be responsible for certifying that the intended use is for recreational purposes.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-01	(D)(186)	shall	For purposes of this rule, "vinyl coating" shall not include organisol or plastisol coatings.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-01	(H)(4)(i)	shall not	... however, gasoline dispensing facilities in Ohio shall not be subject to any provision or statement that specifies an expiration or decertification due to EVR standards and certification procedures	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-01	(H)(4)(ii)	shall not	however, gasoline dispensing facilities in Ohio shall not be subject to any provision or statement that specifies an expiration or decertification due to EVR standards and certification procedures.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-01	(H)(4)(iii)	shall	... CARB certification" and "CARB certified" shall also mean such executive orders, approval letters, equipment advisories, ...	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-01	(H)(12)(d)	shall	For purposes of this definition, the term "refiner" shall not include any refiner whose total refinery capacity (including the refinery capacity of any person who controls, is controlled by,	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-01	(H)(16)	shall	... applied to a tank which is loaded from the side, shall mean any fill pipe the discharge opening of which is entirely submerged when the liquid level is ...	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-01	(U)	shall	Except as otherwise provided in this paragraph, the definitions in rule 3745-15-01 of the Administrative Code and paragraph (B) of rule 3745-21-01 of the Administrative Code shall apply to rule 3745-21-12 of the Administrative Code	3704.03(E)	Yes	1992 ACT; bakery Oven Emissions	Yes	Yes	No
3745-21-01	(U)(8)	shall	... but not including restrictions pertaining to air pollution control equipment, shall be treated as part of its physical and operational ...	3704.03(E)	Yes	1992 ACT; Bakery Oven Emissions	Yes	Yes	No
3745-21-01	(V)	shall	... Administrative Code and paragraph (B) of this rule shall apply to rule 3745-21-13 of the ...	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-01	(W)	shall	... the definitions in rule 3745-15-01 of the Administrative Code and paragraph (B) of this rule shall apply to rule 3745-21-14 of the Administrative Code ...	3704.03(E)	Yes	CAA 182 1990 ACT; Organic Waste Process Vents	Yes	Yes	No
3745-21-01	(W)(4)	shall	... a batch process train which is independent of other processes shall be considered a single batch process train for purposes this rule.	3704.03(E)	Yes	CAA 182 1990 ACT; Organic Waste Process Vents	Yes	Yes	No
3745-21-01	(W)(8)	shall	"Emission event" shall be defined as a discrete period of venting that is associated with a unit operation.	3704.03(E)	Yes	CAA 182 1990 ACT; Organic Waste Process Vents	Yes	Yes	No
3745-21-01	(X)	shall	... of the Administrative Code and paragraph (B) of this rule shall apply to rule 3745-21-15 of the ...	3704.03(E)	Yes	CAA 182 1996 CTG; Wood Furniture Manufacturing Operations	Yes	Yes	No
3745-21-01	(X)(1)	shall not	... with an adhesive incorporated onto or in an inert substrate shall not be considered adhesives	3704.03(E)	Yes	CAA 182 1996 CTG; Wood Furniture Manufacturing Operations	Yes	Yes	No
3745-21-01	(X)(24)	shall not	Under rule 3745-21-15 of the Administrative Code, adhesives and nonpermanent final finish materials shall not be considered finishing materials.	3704.03(E)	Yes	CAA 182 1996 CTG; Wood Furniture Manufacturing Operations	Yes	Yes	No
3745-21-01	(Y)	shall	... and paragraph (B) of this rule shall apply to rule 3745-21-16 of the Administrative Code ...	3704.03(E)	Yes	CAA 182 2006 CTG; Flexible Package Printing.	Yes	Yes	No
3745-21-01	(Z)	shall	... and paragraph (B) of this rule shall apply to rule 3745-21-17 of the Administrative Code ...	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-01	(AA)(13)	shall	A material shall not be classified as a bearing coating if ...	3704.03(E)	Yes	CAA 182 1997 CTG; Aerospace Manufacturing	Yes	Yes	No

3745-21-01	(AA)(15)	shall not	A material shall not be classified as a caulking and smoothing compound if the material can also be classified as a sealant.	3704.03(E)	Yes	CAA 182 1997 CTG; Aerospace Manufacturing	Yes	Yes	No
3745-21-01	(BB)(33)	shall	A vessel rented exclusively to or chartered by individuals for such purposes shall be considered a pleasure craft.	3704.03(E)	Yes	CAA 182 1994 CTG; Shipbuilding & Repair	Yes	Yes	No
3745-21-01	(GG)(40)(a)	shall	The products shall meet both the applicable flame spread requirements and the applicable smoke requirements.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-01	(GG)(40)(b)	shall	Interior or exterior building application products shall meet an ASTM E84-12c flame spread index of less than or equal to twenty-five ...	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-01	(GG)(40)(c)	shall	Mass transit application products shall meet an ASTM E162-12a flame spread index of less than or equal to thirty-five ...	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-01	(GG)(40)(d)	shall	Duct application products shall meet ASTM E84-12c flame spread index less than or equal to ...	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-01	(GG)(51)	shall	In addition, the device shall be operated according to the manufacturer's directions, ...	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-01	(GG)(54)	shall	For a part to qualify as non-routine manufacture, it shall be used for repair or replacement ...	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-01	(GG)(54)	shall	... and the manufacturing schedule shall be based on the current or anticipated repair needs of the reinforced plastic composites product ...	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-01	(D)(92)	must	Heat-resistant coating" means a coating that must withstand a temperature of at least four hundred degrees Fahrenheit during normal use.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-01	(V)(27)	must	Primary fuel" mean the fuel that provides the principal heat input to the device. To be considered primary, the fuel must be able to sustain operation without the addition of other fuels	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-01	(X)(31)	must	... means a material such as a wax, polish, nonoxidizing oil, or similar substance that must be periodically reapplied to a surface over its lifetime to maintain or restore the reapplied material's intended effect.	3704.03(E)	Yes	CAA 182 1996 CTG; Wood Furniture Manufacturing Operations	Yes	Yes	No
3745-21-01	(Y)(58)	must	Water seal controls" means a seal pot, p-leg trap, or other type of trap filled with water (e.g., flooded sewers that maintain water levels adequate to prevent air flow through the system) that creates a water barrier between the water level of the seal and the atmosphere. The water level of the seal must be maintained in the vertical leg of a drain in order to be considered a water seal.	3704.03(E)	Yes	CAA 182 2006 CTG; Flexible Package Printing.	Yes	Yes	No
3745-21-01	(AA)(12)	must	Aqueous solutions must have a flash point greater than ninety-three degrees Celsius (two hundred degrees Fahrenheit) (as reported by the manufacturer), and the solution must be miscible with water.	3704.03(E)	Yes	CAA 182 1997 CTG; Aerospace Manufacturing	Yes	Yes	No
3745-21-01	(AA)(12)	must	Aqueous solutions must have a flash point greater than ninety-three degrees Celsius (two hundred degrees Fahrenheit) (as reported by the manufacturer), and the solution must be miscible with water.	3704.03(E)	Yes	CAA 182 1997 CTG; Aerospace Manufacturing	Yes	Yes	No
3745-21-01	(AA)(17)	must	Additionally, maskants that must be used with a combination of Type I or II etchants and any of the above types of maskants (i.e., bonding, critical use and line sealer, and seal coat) are also exempt from this subpart. (See also Type I and Type II etchant definitions.)	3704.03(E)	Yes	CAA 182 1997 CTG; Aerospace Manufacturing	Yes	Yes	No
3745-21-01	(AA)(25)	must	Commercial interior adhesive" means materials used in the bonding of passenger cabin interior components. These components must meet the FAA fire worthiness requirements	3704.03(E)	Yes	CAA 182 1997 CTG; Aerospace Manufacturing	Yes	Yes	No
3745-21-01	(AA)(39)	must	means a primer applied primarily to commercial aircraft (or commercial aircraft adapted for military use) that must withstand immersion in phosphate-ester hydraulic fluid (Skydrol 500b or equivalent) at the elevated temperature of one hundred fifty degrees Fahrenheit for one thousand hours	3704.03(E)	Yes	CAA 182 1997 CTG; Aerospace Manufacturing	Yes	Yes	No
3745-21-01	(AA)(46)	must	Fuel tank adhesive" means an adhesive used to bond components exposed to fuel and must be compatible with fuel tank coatings.	3704.03(E)	Yes	CAA 182 1997 CTG; Aerospace Manufacturing	Yes	Yes	No
3745-21-01	(AA)(78)	must	Semiaqueous cleaning solvent" means a solution in which water is a primary ingredient (greater than sixty per cent of the solvent solution as applied must be water.)	3704.03(E)	Yes	CAA 182 1997 CTG; Aerospace Manufacturing	Yes	Yes	No
3745-21-01	(BB)(3)	must	Antenna coating" means any coating applied to equipment through which electromagnetic signals must pass for reception or transmission.	3704.03(E)	Yes	CAA 182 1994 CTG; Shipbuilding & Repair	Yes	Yes	No
3745-21-01	(BB)(17)	must	Heat resistant coating" means any coating that during normal use must withstand a temperature of at least two hundred four degrees Celsius (four hundred degrees Fahrenheit).	3704.03(E)	Yes	CAA 182 1994 CTG; Shipbuilding & Repair	Yes	Yes	No
3745-21-01	(BB)(19)	must	High-temperature coating" means any coating that during normal use must withstand a temperature of at least four hundred twenty-six degrees Celsius (eight hundred degrees Fahrenheit).	3704.03(E)	Yes	CAA 182 1994 CTG; Shipbuilding & Repair	Yes	Yes	No
3745-21-01	(BB)(30)	must	... These coatings must be resistant to long-term (service life) cumulative radiation exposure (ASTM D4082-10), relatively easy to decontaminate (ASTM D4256-89(1994)e1), and resistant to various chemicals to which the coatings are likely to be exposed (ASTM D3912-10).	3704.03(E)	Yes	CAA 182 1994 CTG; Shipbuilding & Repair	Yes	Yes	No
3745-21-01	(II)(60)	must	Waterproof resorcinol glue" means a two-part resorcinol-resin-based adhesive designed for applications where the bond line must be resistant to conditions of continuous immersion in fresh or salt water	3704.03(E)	Yes	CAA 182 2008 CTG; Miscellaneous Industrial Adhesives	Yes	Yes	No
3745-21-01	(BB)(48)	require	Weld-through preconstruction primer" means a coating that provides corrosion protection for steel during inventory, is typically applied at less than one mil dry film thickness, does not require removal prior to welding, is temperature resistant ...	3704.03(E)	Yes	CAA 182 1994 CTG; Shipbuilding & Repair	Yes	Yes	No
3745-21-01	(BB)(48)	require	... and does not normally require removal before applying film-building coatings, including inorganic zinc high-build coatings.	3704.03(E)	Yes	CAA 182 1994 CTG; Shipbuilding & Repair	Yes	Yes	No

3745-21-01	(GG)(21)	require	... petroleum production, refining, and storage; mining; textile production; nuclear materials storage; swimming pools; and cosmetic production, as well as end-use applications that require high strength resins.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-01	(GG)(24)(b)	require	Complies with industry standards that require specific exposure testing to corrosive media, such as UL 1316, UL 1746, or ASTM F1216-09.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-01	(V)(37)	requires	"Relief valve" means a valve used only to release an unplanned, nonroutine discharge. A relief valve discharge results from an operator error, a malfunction such as a power failure or equipment failure, or other unexpected cause that requires immediate venting of gas from process equipment in order to avoid safety hazards or equipment damage.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-01	(Y)(38)	requires	"Pressure relief valve" means a valve used only to release an unplanned, non-routine discharge. A relief valve discharge can result from an operator error, a malfunction such as a power failure or equipment failure, or other unexpected cause that requires immediate venting of gas from process equipment in order to avoid safety hazards or equipment damage.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-01	(BB)(21)	requires	"Interior coating" means any coating used on interior surfaces aboard United States military vessels pursuant to a coating specification that requires the coating to meet specified fire retardant and low toxicity requirements, in addition to the other applicable military physical and performance requirements.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-01	(GG)(21)	requires	"Corrosion-resistant end-use applications" means applications where the product is manufactured specifically for an application that requires a level of chemical inertness or resistance to chemical attack above that required for typical reinforced plastic composites products.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-01	(GG)(37)	requires	"High strength gel coat" means a gel coat applied to a product that requires high strength resin.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-01	(HH)(26)	requires	"Repair" means that portion of the fabrication process that requires the addition of polyester resin materials to portions of a previously fabricated product in order to mend damage.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-01	(D)(82)	required	Flexible coating" means any coating with the ability to withstand dimensional changes that is required to comply with engineering specifications for impact resistance, mandrel bend, or elongation as defined by the original equipment manufacturer.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-01	(D)(132)	required	"Non-flexible coating" means any coating without the ability to withstand dimensional changes that is not required to comply with engineering specifications for impact resistance, mandrel bend, or elongation as defined by the original equipment manufacturer.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-01	(H)(12)	required	"Independent small business marketer" means any owner of a gasoline dispensing facility engaged in the marketing of gasoline who would be required to pay for procurement and installation of a vapor control system pursuant to paragraph (DDD) of rule 3745-21-09 of the Administrative Code, except as any of the following:	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-01	(V)(16)	required	"Group 1 process vent" means a process vent for which a control device is required due to the TRE index value being less than or equal to 1.0.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-01	(V)(16)	required	Also, monitoring of the control device is required , except when the control device is a boiler or process heater specified under paragraph (F)(1)(b) or (F)(1)(c) of rule 3745-21-13 of the Administrative Code.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-01	(V)(17)	required	"Group 2A process vent" means a process vent from a recovery system for which monitoring of the recovery system is required due to the TRE index value being less than or equal to 4.0,	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-01	(V)(17)	required	... but a control device is not required due to the TRE index value being greater than 1.0.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-01	(V)(18)	required	"Group 2B process vent" means a process vent for which a control device and monitoring are not required due to any of the following:	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-01	(V)(41)	required	"Shutdown" means for purposes including, but not limited to, periodic maintenance, replacement of equipment, or repair, the cessation of operation of a reactor, distillation unit, or equipment required or used to comply with rule 3745-21-13 of the Administrative Code.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-01	(V)(44)	required	"Start-up" means the setting into operation of a reactor, distillation unit, or equipment required or used to comply with this rule. Start-up includes initial start-up, operation solely for testing equipment, and transitional conditions due to changes in product.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-01	(W)(7)	required	"Control device" means any device or combination of devices designed to recover or destroy VOC vapors received from the process vents. A recovery device which is a required part of the process, for example, but not limited to, condensers operating under reflux conditions, is not a control device.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-01	(AA)(40)	required	"Epoxy polyamide topcoat" means a coating used where harder films are required or in some areas where engraving is accomplished in camouflage colors.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-01	(AA)(44)	required	.... The flexible coating is required because it provides a compatible, flexible substrate over bonded sheet rubber and rubber-type coatings as well as a flexible bridge between the fasteners, skin, and skin-to-skin joints on outer aircraft skins.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-01	(AA)(45)	required	"Flight test coating" means a coating applied to aircraft other than missiles or single-use aircraft prior to flight testing to protect the aircraft from corrosion and to provide required marking during flight test evaluation.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-01	(GG)(21)	required	"Corrosion-resistant end-use applications" means applications where the product is manufactured specifically for an application that requires a level of chemical inertness or resistance to chemical attack above that required for typical reinforced plastic composites products.	3704.03(E)	Yes	CAA 182	Yes	Yes	No

3745-21-01	(GG)(36)	required	"High performance gel coat" means a gel coat used on products for which national sanitation foundation, United States department of agriculture, ASTM, durability, or other property testing is required.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-01	(GG)(59)	may not	The composite materials may or may not include reinforcements.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-03	(A)	shall	For purposes of ascertaining, defining, and measuring ambient air quality, air contaminants shall be measured by the method or methods stated in paragraphs (B) to (C) of this rule or by such other methods as may be approved by the director	3704.03(E)	Yes	CAA 182 CAA 110(A)(2)	Yes	Yes	No
3745-21-03	(B)	shall	Concentrations of carbon monoxide in ambient air shall be determined as follows:	3704.03(E)	Yes	CAA 182 CAA 110(A)(2)	Yes	Yes	No
3745-21-03	(B)(1)	shall	Hourly integrated concentrations of carbon monoxide shall be determined through the use of a continuous sampling and recording device as described in 40 CFR part 50, appendix C.	3704.03(E)	Yes	CAA 182 CAA 110(A)(2)	Yes	Yes	No
3745-21-03	(B)(2)	shall	Eight hour concentrations shall be determined by arithmetically averaging the hourly integrated data, obtained as described in paragraph (B)(1) of this rule, for any eight-hour period.	3704.03(E)	Yes	CAA 182 CAA 110(A)(2)	Yes	Yes	No
3745-21-03	(B)(2)	shall	An eight-hour average shall be considered valid if at least seventy-five per cent of the hourly averages for the eight-hour period are available.	3704.03(E)	Yes	CAA 182 CAA 110(A)(2)	Yes	Yes	No
3745-21-03	(B)(2)	shall	In the event that only six (or seven) hourly averages are available, the eight-hour average shall be computed on the basis of the hours available using six (or seven) as the divisor.	3704.03(E)	Yes	CAA 182 CAA 110(A)(2)	Yes	Yes	No
3745-21-03	(C)	shall	Concentrations of ozone shall be determined through the use of a continuous sampling and recording device as described in 40 CFR part 50, appendix D.	3704.03(E)	Yes	CAA 182 CAA 110(A)(2)	Yes	Yes	No
3745-21-04	(B)(1)	shall	for any air contaminant source subject to paragraphs (QQ) to (DDD) of rule 3745-21-09 of the Administrative Code, any owner or operator of said air contaminant source shall comply with one of the following:	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-04	(B)(1)(a)	shall	Such certification shall include: equipment description, Ohio EPA permit application number (if assigned), and all necessary data (consistent with the appropriate permit application appendices or emission activity category forms) and calculations which confirm the compliance status.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-04	(B)(1)(a)	shall	The certification shall also include an application for a permit authorizing operation of such source in accordance with rule 3745-21-09 of the Administrative Code if such source does not possess an effective permit, or, if applicable.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-04	(B)(1)(b)	shall	Such application shall include a compliance program which will bring the source into compliance with rule 3745-21-09 of the Administrative Code as expeditiously as practicable ...	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-04	(B)(1)(b)	shall	... but in no event later than the dates specified in paragraph (C) of this rule, and shall identify all reasonable interim control measures.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-04	(B)(2)	shall not	The certification or operating permit application required by paragraph (B)(1) of this rule shall not apply to any air contaminant sources subject exclusively to paragraph (N) or (V) of rule 3745-21-09 of the Administrative Code (pertaining to cutback asphalts and gasoline tank trucks).	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-04	(B)(3)(a)	shall	... a certification or operating permit application shall be submitted in accordance with paragraphs (B)(1)(a) and (B)(1)(b) of this rule by no later than May 1, 1993.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-04	(B)(3)(b)	shall	a certification or operating permit application shall be submitted in accordance with paragraphs (B)(1)(a) and (B)(1)(b) of this rule by no later than July 31, 2009.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-04	(B)(4)	shall	For any air contaminant source subject to paragraphs (C)(3)(d) and (C)(28)(d) of this rule, a certification or operating permit application shall be submitted in accordance with paragraphs (B)(1)(a) and (B)(1)(b) of this rule by no later than March 1, 1995.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-04	(B)(5)	shall	In demonstrating compliance pursuant to paragraph (B)(1)(a) of this rule, the owner or operator of a source shall utilize the test methods and procedures specified in rule 3745-21-10 of the Administrative Code.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-04	(B)(5)	shall	... the owner or operator of such source shall conduct emission tests in accordance with the methods specified in rule 3745-21-10 of the Administrative Code to demonstrate compliance with rule 3745-21-09 of the Administrative Code.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-04	(B)(5)	shall	The emission tests shall be conducted by January 17, 1996.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-04	(B)(5)	shall	... the owner or operator shall demonstrate compliance with any applicable VOC content limitation specified in rule 3745-21-09 of the Administrative Code using USEPA method 24 (for coatings) ...	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-04	(B)(5)	shall	... the owner or operator shall either conduct a USEPA method 24 or USEPA method 24A analysis of the coating or obtain a USEPA method 24 or USEPA method 24A analysis of the coating from the coating supplier by January 17, 1996.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-04	(B)(5)	shall	If, pursuant to section 11.4 of USEPA method 24, as contained in 40 CFR part 60 appendix A, an owner or operator determines that USEPA method 24 or USEPA method 24A cannot be used for a particular coating or ink, the owner or operator shall so notify the administrator ...	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-04	(B)(5)	shall	... of the USEPA and shall use formulation data for that coating or ink to demonstrate compliance until the USEPA provides alternative analytical procedures or alternative precision statements for USEPA method 24 or USEPA method 24A.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-04	(B)(6)	shall	The owner or operator of a source that is subject to rule 3745-21-09 of the Administrative Code shall notify the director in writing at least thirty days before any impending change in the method of complying with said requirements.	3704.03(E)	Yes	CAA 182	Yes	Yes	No

3745-21-04	(B)(7)	shall	For any air contaminant source subject to paragraph (C)(28)(e) of this rule a compliance certification or compliance program, along with an operating permit application, if appropriate, shall be submitted in accordance with paragraphs (B)(1)(a) and (B)(1)(b) of this rule by no later than August 15, 1999.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-04	(B)(7)	shall	... Chapter 3745-77 of the Administrative Code, the owner or operator shall only submit a compliance certification or a compliance program, but no operating permit application, in accordance with paragraphs (B)(1)(a) and (B)(1)(b) of this rule by no later than August 15, 1999.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-04	(C)(2)	shall	Except as otherwise provided in paragraphs (C)(21) to (C)(26) and (C)(35) of this rule, any owner or operator of an automobile or light-duty truck assembly plant which is subject to paragraph (C) of rule 3745-21-09 of the Administrative Code shall achieve compliance with said requirements by December 1, 1982	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-04	(C)(3)	shall	Except as provided in paragraphs (C)(3)(b), (C)(3)(c), and (C)(3)(d) of this rule, any owner or operator of a can coating line which is subject to paragraph (D) of rule 3745-21-09 of the Administrative Code shall achieve compliance with said requirements by April 1, 1982.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-04	(C)(3)(c)	shall	Any owner or operator of a can coating line which employs a control system shall achieve compliance with either the control requirements specified in paragraph (B)(6) of rule 3745-21-09 of the Administrative Code or the VOC limitation which is contained in paragraph (D) of rule 3745-21-09 of the Administrative Code and expressed in terms of pounds of VOC per gallon of solids by April 1, 1995.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-04	(C)(3)(d)	shall	Any owner or operator of an end sealing compound coating line used for food can ends shall achieve compliance with paragraphs (D)(1)(e) and (D)(2)(e) of rule 3745-21-09 of the Administrative Code no later than January 17, 1996.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-04	(C)(3)(d)	shall	... and which is subject to the alternative daily emission limitation of paragraph (D)(3) of rule 3745-21-09 of the Administrative Code shall achieve compliance with paragraph (D) of rule 3745-21-09 of the Administrative Code no later than January 17, 1996.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-04	(C)(4)(a)	shall	Except as otherwise provided in paragraphs (C)(4)(b) and (C)(20) of this rule, any owner or operator of a coil coating line which is subject to paragraph (E) of rule 3745-21-09 of the Administrative Code shall achieve compliance with said requirements by April 1, 1982.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-04	(C)(4)(b)	shall	Any owner or operator of a coil coating line which employs a control system shall achieve compliance with either the control requirements specified in paragraph (B)(6) of rule 3745-21-09 of the Administrative Code or the VOC limitation ...	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-04	(C)(5)(a)	shall	Except as otherwise provided in paragraph (C)(5)(b) of this rule, any owner or operator of a paper coating line which is subject to paragraph (F) of rule 3745-21-09 of the Administrative Code shall achieve compliance with said requirements by April 1, 1982.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-04	(C)(5)(b)	shall	Any owner or operator of a paper coating line which employs a control system shall achieve compliance with either the control requirements specified in paragraph (B)(6) of rule 3745-21-09 of the Administrative Code or ...	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-04	(C)(5)(c)	shall	Any owner or operator of a paper coating line which is subject to paragraph (F)(2) of rule 3745-21-09 of the Administrative Code shall achieve compliance with said requirements by no later than April 2, 2010.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-04	(C)(5)(d)	shall	Any owner or operator of a paper coating line which employs an add-on control system shall achieve compliance with the control requirements specified in paragraph (B)(7) of rule 3745-21-09 of the Administrative Code by no later than April 2, 2010.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-04	(C)(6)(a)	shall	Except as otherwise provided in paragraph (C)(6)(b) of this rule, any owner or operator of a fabric coating line which is subject to paragraph (G) of rule 3745-21-09 of the Administrative Code shall achieve compliance with said requirements by April 1, 1982.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-04	(C)(6)(b)	shall	Any owner or operator of a fabric coating line which employs control system shall achieve compliance with either the control requirements specified in paragraph (B)(6) of rule 3745-21-09 of the Administrative Code or ...	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-04	(C)(7)	shall	Any owner or operator of a vinyl coating line which is subject to paragraph (H) of rule 3745-21-09 of the Administrative Code shall achieve compliance with said requirements by April 1, 1982.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-04	(C)(8)(a)	shall	Except as otherwise provided in paragraphs (C)(8)(b) and (C)(8)(c) of this rule, any owner or operator of a metal furniture coating line which is subject to paragraph (I) of rule 3745-21-09 of the Administrative Code shall achieve compliance with said requirements by April 1, 1982.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-04	(C)(8)(b)	shall	Any owner or operator of a metal furniture coating line which employs a control system shall achieve compliance with either the control requirements specified in paragraph (B)(6) of rule 3745-21-09 of the Administrative Code or ...	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-04	(C)(8)(c)	shall	Any owner or operator of a metal furniture coating line which, prior to March 31, 1993, was exempt from paragraph (I) of rule 3745-21-09 of the Administrative Code, but is no longer exempt due to the change in the exemption criterion specified in paragraph (I)(3)(a) of rule 3745-21-09 of the Administrative Code, shall achieve compliance with paragraph (I) of rule 3745-21-09 of the Administrative Code by April 1, 1995.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-04	(C)(8)(d)	shall	Any owner or operator of a metal furniture coating line which is subject to paragraph (I)(4) of rule 3745-21-09 of the Administrative Code shall achieve compliance with said requirements by no later than April 2, 2010.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-04	(C)(8)(e)	shall	Any owner or operator of a metal furniture coating line which employs an add-on control system shall achieve compliance with either the control requirements specified in paragraph (B)(7) of rule 3745-21-09 of the Administrative Code or the VOC limitation specified in the table of paragraph (I)(4) of rule 3745-21-09 of the Administrative Code and expressed in terms of pounds of VOC per gallon of deposited solids by no later than April 2, 2010.	3704.03(E)	Yes	CAA 182	Yes	Yes	No

3745-21-04	(C)(9)(a)	shall	Except as otherwise provided in paragraph (C)(9)(b) of this rule, any owner or operator of a magnet wire coating line which is subject to paragraph (J) of rule 3745-21-09 of the Administrative Code shall achieve compliance with said requirements by November 1, 1981.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-04	(C)(9)(b)	shall	Any owner or operator of a magnet wire coating line which employs a control system shall achieve compliance with either the control requirements specified in paragraph (B)(6) of rule 3745-21-09 of the Administrative Code or the VOC limitation which is contained in paragraph (J) of rule 3745-21-09 of the Administrative Code and expressed in terms of pounds of VOC per gallon of solids by April 1, 1995.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-04	(C)(10)(a)	shall	Except as otherwise provided in paragraph (C)(10)(b) of this rule, any owner or operator of a large appliance coating line which is subject to paragraph (K) of rule 3745-21-09 of the Administrative Code shall achieve compliance with said requirements by April 1, 1982.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-04	(C)(10)(b)	shall	Any owner or operator of a large appliance coating line which employs a control system shall achieve compliance with either the control requirements specified in paragraph (B)(6) of rule 3745-21-09 of the Administrative Code or the VOC limitation which is contained in paragraph (K) of rule 3745-21-09 of the Administrative Code and expressed in terms of pounds of VOC per gallon of solids by April 1, 1995.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-04	(C)(10)(c)	shall	Any owner or operator of a large appliance coating line which is subject to paragraph (K)(6) of rule 3745-21-09 of the Administrative Code shall achieve compliance with said requirements by no later than April 2, 2010.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-04	(C)(10)(d)	shall	Any owner or operator of a large appliance coating line which employs a control system shall achieve compliance with either the control requirements specified in paragraph (B)(7) of rule 3745-21-09 of the Administrative Code or the VOC limitation which is contained in paragraph (K)(6) of rule 3745-21-09 ...	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-04	(C)(11)	shall	Any owner or operator of a fixed roof tank which is subject to paragraph (L) of rule 3745-21-09 of the Administrative Code shall achieve compliance with said requirements by January 1, 1982.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-04	(C)(12)	shall	Any owner or operator of a refinery vacuum producing system which is subject to paragraph (M)(1) of rule 3745-21-09 of the Administrative Code shall achieve compliance with said requirements by December 31, 1982.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-04	(C)(13)	shall	Any owner or operator of a refinery wastewater separator which is subject to paragraph (M)(2) of rule 3745-21-09 of the Administrative Code shall achieve compliance with said requirements by January 1, 1981.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-04	(C)(14)	shall	Any owner or operator of a refinery process unit turnaround which is subject to paragraph (M)(3) of rule 3745-21-09 of the Administrative Code shall achieve compliance with said requirements by December 31, 1982.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-04	(C)(15)	shall	Paragraph (N) of rule 3745-21-09 of the Administrative Code shall be complied with by the following deadlines:	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-04	(C)(16)(a)	shall	Except as provided in paragraphs (C)(16)(b) to (C)(16)(d) of this rule, any owner or operator of a solvent metal cleaning operation which is subject to paragraph (O) of rule 3745-21-09 of Administrative Code shall achieve compliance with said requirements by April 1, 1981.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-04	(C)(16)(b)	shall	Any owner or operator of a solvent metal cleaning operation shall achieve compliance with paragraphs (O)(2)(d), (O)(3)(d), and (O)(4)(e) of rule 3745-21-09 of the Administrative Code by July 17, 1995.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-04	(C)(16)(c)	shall	Any owner or operator of a cold cleaning operation which is located in Butler, Clark, Clermont, Greene, Hamilton, Miami, Montgomery, or Warren county shall achieve compliance with paragraph (O)(2)(e) of rule 3745-21-09 of the Administrative Code by May 1, 2006.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-04	(C)(16)(d)	shall	Any owner or operator of a cold cleaning operation which is located in Ashtabula, Cuyahoga, Geauga, Lake, Lorain, Medina, Portage, or Summit county shall achieve compliance with paragraph (O)(2)(e) of the Administrative Code by no later than April 2, 2010.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-04	(C)(17)	shall	Any owner or operator of a bulk gasoline plant which is subject to paragraph (P) of rule 3745-21-09 of the Administrative Code shall achieve compliance with said requirements by July 1, 1981.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-04	(C)(18)	shall	Any owner or operator of a bulk gasoline terminal which is subject to paragraph (Q) of rule 3745-21-09 of the Administrative Code shall achieve compliance with said requirements by July 1, 1981.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-04	(C)(19)	shall	Any owner or operator of a gasoline dispensing facility which is subject to paragraph (R) of rule 3745-21-09 of the Administrative Code shall achieve compliance with said requirements no later than the deadlines in the following schedules:	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-04	(C)(20)	shall	Alside, Inc.", facility ID 1677000053, or any subsequent owner or operator of the "Alside, Inc." facility located at 3773 State road, Cuyahoga Falls, Ohio shall achieve compliance with paragraph (E) of rule 3745-21-09 of the Administrative Code by July 1, 1979, and paragraph (S) of rule 3745-21-09 of the Administrative Code by July 1, 1981.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-04	(C)(21)	shall	"General Motors LLC - Lordstown Complex", facility ID 0278000199, or any subsequent owner or operator of the "General Motors LLC - Lordstown Complex" automobile assembly plant located at 2200 Hallock Young road, Lordstown, Ohio shall achieve compliance with paragraph (C)(1)(a)(i) of rule 3745-21-09 of the Administrative Code by December 31, 1982; and paragraphs (C)(1)(a)(ii), (C)(1)(c)	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-04	(C)(22)	shall	"General Motors LLC - Lordstown Complex", facility ID 0278000199, or any subsequent owner or operator of the "General Motors LLC - Lordstown Complex" light-duty truck assembly plant located at 2200 Hallock Young road, Lordstown, Ohio shall achieve compliance with paragraph (C)(1)(a)(i) of rule 3745-21-09 of the Administrative Code by December 31, 1982;	3704.03(E)	Yes	CAA 182	Yes	Yes	No

3745-21-04	(C)(25)	shall	"Ford Motor Company - Ohio Assembly Plant", facility ID 0247030471, or any subsequent owner or operator of the "Ford Motor Company - Ohio Assembly Plant" light-duty truck assembly plant located at 650 Millerroad, Avon Lake, Ohio shall achieve compliance with paragraph (C)(1)(a)(i) of rule 3745-21-09 of the Administrative Code by December 31, 1982;	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-04	(C)(27)	shall	Any owner or operator of petroleum refinery equipment which is subject to paragraph (T) of rule 3745-21-09 of the Administrative Code shall submit to the director a monitoring program by July 1, 1981, and the first quarterly monitoring report by October 15, 1981.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-04	(C)(28)(a)	shall	Except as otherwise provided in paragraphs (C)(28)(b) to (C)(28)(d) of this rule, any owner or operator of a miscellaneous metal part or product coating line which is subject to paragraph (U) of rule 3745-21-09 of the Administrative Code shall achieve compliance with said requirements by December 31, 1982.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-04	(C)(28)(b)	shall	Any owner or operator of a miscellaneous metal part or product coating line which employs a control system shall achieve compliance with either the control requirements specified in paragraph (B)(6) of rule 3745-21-09 of the Administrative Code or the applicable VOC limitation which is contained ...	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-04	(C)(28)(c)	shall	Any owner or operator of a miscellaneous metal part or product coating line which is subject to paragraph (U)(1)(e) of rule 3745-21-09 of the Administrative Code, pertaining to the interior coating of a steel pail or drum, shall achieve compliance with said requirements by April 1, 1995.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-04	(C)(28)(d)	shall	Any owner or operator of a miscellaneous metal part or product coating line which is subject to paragraph (U)(2)(e)(i) of rule 3745-21-09 of the Administrative Code or which was, prior to January 17, 1995, subject to the 4.8 pounds VOC per gallon of coating limitation for anticorrosion coatings contained in rule 3745-21-09 of the Administrative Code, shall achieve compliance by January 17, 1996.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-04	(C)(28)(e)	shall	... subject to the ten gallons per day exemption contained under paragraph (U)(2)(e) of rule 3745-21-09 of the Administrative Code shall achieve compliance with paragraph (U)(1) or (U)(2)(e)(ii) of rule 3745-21-09 of the Administrative Code by June 15, 2000.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-04	(C)(29)	shall	Any owner or operator of a gasoline tank truck which is subject to paragraph (V) of rule 3745-21-09 of the Administrative Code shall achieve compliance with said requirements by March 31, 1983.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-04	(C)(30)	shall	Any owner or operator of a synthesized pharmaceutical manufacturing facility which is subject to paragraph (W) of rule 3745-21-09 of the Administrative Code shall achieve compliance with said requirements by December 31, 1982.	3704.03(E)	Yes	CAA 182 CAA 110(A)(2)	Yes	Yes	No
3745-21-04	(C)(31)	shall	Any owner or operator of a pneumatic rubber tire manufacturing facility which is subject to paragraph (X) of rule 3745-21-09 of the Administrative Code shall achieve compliance with said requirements by December 31, 1982.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-04	(C)(32)(a)	shall	Paragraph (Y)(1) of rule 3745-21-09 of the Administrative Code shall achieve compliance with said requirements by December 31, 1982.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-04	(C)(32)(b)	shall	Paragraph (Y)(3) of rule 3745-21-09 of the Administrative Code shall achieve compliance with said requirements by no later than April 2, 2010.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-04	(C)(33)	shall	Any owner or operator of an external floating roof tank which is subject to paragraph (Z) of rule 3745-21-09 of the Administrative Code shall achieve compliance with said requirements by December 31, 1982.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-04	(C)(35)	shall	... automobile assembly plant located at 24000 Honda Parkway (U.S. route 33), Marysville, Ohio shall achieve compliance with paragraphs (C)(1)(c) and (C)(1)(d) of rule 3745-21-09 of the Administrative Code by December 31, 1986.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-04	(C)(36)	shall	Any owner or operator of a petroleum dry cleaning facility which is subject to paragraph (BB) of rule 3745-21-09 of the Administrative Code shall achieve compliance with said requirements by December 31, 1987.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-04	(C)(37)	shall	Any owner or operator of a continuous, polystyrene resin manufacturing process which is subject to paragraph (CC) of rule 3745-21-09 of the Administrative Code shall achieve compliance with said requirements by December 31, 1987.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-04	(C)(38)	shall	... which is subject to paragraph (DD) of rule 3745-21-09 of the Administrative Code shall achieve compliance with paragraph (DD)(2) of rule 3745-21-09 of the Administrative Code by February 1, 1987, and paragraphs (DD)(3) to (DD)(6) of rule 3745-21-09 of the Administrative Code by July 1, 1987.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-04	(C)(39)	shall	Except as otherwise provided in paragraph (C)(66) of this rule, any owner or operator of an air oxidation process which is subject to paragraph (EE) of rule 3745-21-09 of the Administrative Code shall achieve compliance with said requirements by December 31, 1987.	3704.03(E)	Yes	CAA 182 CAA 110(A)(2)	Yes	Yes	No
3745-21-04	(C)(40)	shall	"Steelcraft Manufacturing Company", facility ID 1431050879, or any subsequent owner or operator of "Steelcraft Manufacturing Company" facility located at 9017 Blue Ash road, Cincinnati, Ohio shall achieve compliance with paragraph (FF)(1) of rule 3745-21-09 of the Administrative Code by April 1, 1989, and paragraph (FF)(2) of rule 3745-21-09 of the Administrative Code by April 1, 1989.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-04	(C)(42)	shall	Any owner or operator of an automotive/transportation plastic parts coating line or a business machine plastic parts coating line which is subject to paragraph (HH) of rule 3745-21-09 of the Administrative Code shall achieve compliance with said requirements no later than August 25, 2009.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-04	(C)(44)	shall	... facility located at 1380 Tech Way drive, Akron, Ohio shall achieve compliance with paragraph (JJ) of rule 3745-21-09 of the Administrative Code by May 25, 1988.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-04	(C)(45)	shall	... facility located at 2000 West street, Cincinnati, Ohio shall achieve compliance with paragraph (KK) of rule 3745-21-09 of the Administrative Code by May 25, 1988.	3704.03(E)	Yes	CAA 182	Yes	Yes	No

3745-21-04	(C)(46)	shall	... facility located at 155 Freedom road, Painesville, Ohio shall achieve compliance with paragraph (LL) of rule 3745-21-09 of the Administrative Code by October 1, 1989.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-04	(C)(47)	shall	facility located at 3800 West 143rd street, Cleveland, Ohio shall achieve compliance with paragraph (MM) of rule 3745-21-09 of the Administrative Code by May 25, 1988.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-04	(C)(48)	shall	... facility located at 4853 West 130th street, Cleveland, Ohio shall achieve compliance with paragraph (NN) of rule 3745-21-09 of the Administrative Code no later than the deadlines in the following schedule:	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-04	(C)(49)	shall	facility located at 1801 Crawford street, Middletown, Ohio shall achieve compliance with paragraph (OO) of rule 3745-21-09 of the Administrative Code by March 31, 1993.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-04	(C)(50)	shall	... facility located at 10155 Reading road, Cincinnati, Ohio shall achieve compliance with paragraph (PP) of rule 3745-21-09 of the Administrative Code by May 25, 1988.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-04	(C)(51)	shall	... facility located at 4515 St. Clair avenue, Cleveland, Ohio shall achieve compliance with paragraph (QQ) of rule 3745-21-09 of the Administrative Code by May 1, 1994.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-04	(C)(53)	shall	... facility located at 341 Eddy Road, Cleveland, Ohio shall achieve compliance with paragraph (SS) of rule 3745-21-09 of the Administrative Code by March 31, 1993.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-04	(C)(55)	shall	"BP-Husky Refining LLC", facility ID 0448020007, or any subsequent owner or operator of the "BP-Husky Refining LLC" facility located at 4001 Cedar Point road, Oregon, Ohio shall achieve compliance with paragraph (UU)(1) of rule 3745-21-09 of the Administrative Code by May 1, 1995, ...	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-04	(C)(56)	shall	... or any subsequent owner or operator of the "Marathon Petroleum Company LP - Canton Refinery" facility located at 2408 Gambrinus road, S.W., Canton, Ohio shall achieve compliance with paragraph (VV) of rule 3745-21-09 of the Administrative Code by March 31, 1993.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-04	(C)(59)	shall	... or any subsequent owner or operator of the "PMC Specialties Group" facility located at 501 Murray road, Cincinnati, Ohio shall achieve compliance with paragraph (YY)(1) of rule 3745-21-09 of the Administrative Code by March 31, 1993, and paragraph (YY)(2) of rule 3745-21-09 of the Administrative Code by May 1, 1994.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-04	(C)(60)	shall	... or any subsequent owner or operator of the "Firestone Polymers" facility located at 381 West Wilbeth road, Akron, Ohio shall achieve compliance with paragraph (ZZ) of rule 3745-21-09 of the Administrative Code by May 1, 1994.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-04	(C)(62)	shall	... or any subsequent 3745-21-04 13 owner or operator of the "Emerald Performance Materials, LLC" facility located at 240 West Emerling avenue, Akron, Ohio shall achieve compliance with paragraph (BBB)(1) of rule 3745-21-09 of the Administrative Code by August 15, 1993, and paragraphs (BBB)(2) to (BBB)(4) of rule 3745-21-09 of the Administrative Code by December 15, 1994.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-04	(C)(64)	shall	Any owner or operator of a gasoline dispensing facility which is subject to paragraph (DDD) of rule 3745-21-09 of the Administrative Code shall achieve compliance with said requirements no later than the following deadlines:	3704.03(E)	Yes	CAA 182 CAA 110(A)(2)	Yes	Yes	No
3745-21-04	(C)(65)	shall	... was exempt from paragraphs (C) to (M), (O) to (R), (T), (U), and (W) to (EE) of rule 3745-21-09 of the Administrative Code because the facility's potential to emit is less than one hundred tons of VOC per calendar year, shall achieve compliance with said requirements by April 1, 1995.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-04	(C)(66)	shall	... of the "Georgia Pacific Chemicals LLC" facility located at 1975 Watkins road, Columbus, Ohio shall achieve compliance with paragraphs (DD) and (EE) of rule 3745-21-09 of the Administrative Code for the process unit which produces urea-formaldehyde by May 1, 1994.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-04	(B)(2)	required	The certification or operating permit application required by paragraph (B)(1) of this 3745-21-04 2 rule shall not apply to any air contaminant sources subject exclusively to paragraph (N) or (V) of rule 3745-21-09 of the Administrative Code (pertaining to cutback asphalts and gasoline tank trucks).	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-06		shall	The following counties shall be classified as "Priority I" for determining the applicability of rule 3745-21-07 of the Administrative Code: Butler, Clark, Clermont, Cuyahoga, Darke, Delaware, Fairfield, Franklin, Geauga, Greene, Hamilton, Lake, Licking, Lorain, Lucas, Madison, Medina, Miami, Montgomery, Perry, Pickaway, Portage, Preble, Stark, Summit, Union, Warren and Wood.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-07	(A)(3)	shall	This rule shall apply to any source or operation, for which installation commenced prior to February 18, 2008 and that is specified in paragraphs (K) to (N) of this rule ...	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-07	(A)(3)	shall	... of this rule, but shall not apply to VOC emissions from any such source or operation that are regulated by rule 3745-21-09, 3745-21-12 to 3745-21-16, or 3745-21-18 to 3745-21-29 of the Administrative Code.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-07	(A)(3)	shall	Any owner or operator of any subject source or operation specified in paragraphs (K) to (N) of this rule shall comply with the facility-specific and general control requirements of this rule as of February 18, 2008.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-07	(A)(4)	shall	Any emission limitation, control requirement, or operational restriction contained in a permit-to-install, permit-by-rule, permit-to-operate, or Title V permit that is based upon a citation to this rule, except the emission limitations and control requirements specified in paragraphs (K)(2), (K)(4), (L)(2), (M)(2) to (M)(4), (N)(2), and (N)(3) of this rule, shall be void upon February 18, 2008.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-07	(A)(4)	shall	... contains both a citation to rule 3745-21-07 of the Administrative Code and one of the associated requirements referenced within this comment, the associated requirements contained in such a permit shall be void upon February 18, 2008.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-07	(A)(4)	shall	The associated requirements covered by this comment shall include: (a) any requirement that prohibits the use of photochemically reactive materials, or prohibits the use of volatile photochemically reactive materials; ...	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-07	(A)(5)	shall	This rule shall not apply to any source, including any new source as defined in rule 3745-15-01 of the Administrative Code, for which installation commenced after February 18, 2008.	3704.03(E)	Yes	CAA 182	Yes	Yes	No

3745-21-07	(A)(6)	shall	For any source or operation specified in paragraphs (K) to (N) of this rule that is subject to a mass emission rate, control efficiency, overall control efficiency, or emission reduction, the owner or operator shall determine compliance by means of one of the following:	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-07	(A)(6)(c)	shall	The use of emissions test data, if available, from a source or operation specified in paragraphs (K) to (N) of this rule shall take precedence over the use of an emission factor approved by the USEPA or the use of emission test data from similar sources or operations.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-07	(K)(1)	shall	The owner or operator, or any subsequent owner or operator of each storage tank identified in this paragraph, shall comply with the control requirements specified in paragraph (K)(2) of this rule:	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-07	(K)(2)	shall	No person shall place, store or hold in any storage tank identified in paragraph (K)(1) of this rule, any liquid organic material that has a vapor pressure of 1.5 pounds per square inch absolute or greater, under actual storage conditions, unless the storage tank is equipped with one of the following vapor loss control equipment: ...	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-07	(K)(2)(a)	shall	The storage tank shall be equipped with a floating pontoon or double-deck type cover that includes closure seals to enclose any space between the cover's edge and the compartment wall.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-07	(K)(2)(a)	shall	This control requirement shall not be permitted if the liquid organic material in the tank has a vapor pressure of 12.5 pounds per square inch absolute or greater under actual storage conditions.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-07	(K)(2)(a)	shall	All tank gauging or sampling devices shall be gas tight except when tank gauging or sampling is taking place.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-07	(K)(2)(b)	shall	The storage tank shall be equipped with a vapor recovery system or control system that reduces the emission of organic compounds into the atmosphere by at least ninety per cent by weight.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-07	(K)(2)(b)	shall	All tank gauging or sampling devices shall be gas tight except when tank gauging or sampling is taking place.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-07	(K)(3)	shall	The owner or operator, or any subsequent owner or operator of each storage tank (stationary storage vessel) identified in this paragraph, shall comply with the control requirements specified in paragraph (K)(4) of this rule: ...	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-07	(K)(4)	shall	No person shall place, store or hold in any storage tank identified in paragraph (K)(3) of this rule, any liquid organic material that has a vapor pressure of 1.5 pounds per square inch absolute or greater, under actual storage conditions, unless ...	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-07	(L)(1)	shall	The owner or operator, or any subsequent owner or operator of each oil-water separator identified in this paragraph, shall comply with the control requirements specified in paragraph (L)(2) of this rule: ...	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-07	(L)(2)	shall	No person shall use any oil-water separator identified in paragraph (L)(1) of this rule that recovers any liquid organic material which has a vapor pressure of 1.5 pounds per square inch absolute or greater unless the oil-water separator complies with one of the following: ...	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-07	(L)(2)(a)	shall	The oil-water separator shall be equipped with a solid cover with all openings sealed and totally enclosing the liquid contents of the compartment.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-07	(L)(2)(a)	shall	All gauging and sampling devices shall be gas tight except when gauging or sampling is taking place.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-07	(L)(2)(b)	shall	The oil-water separator shall be equipped with a floating pontoon or double-deck type cover that includes closure seals to enclose any space between the cover's edge and compartment wall.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-07	(L)(2)(b)	shall	All gauging and sampling devices shall be gas tight except when gauging or sampling is taking place.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-07	(L)(2)(c)	shall	The oil-water separator shall be equipped with a vapor recovery system that reduces the emission of organic compounds into the atmosphere by at least ninety per cent by weight.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-07	(L)(2)(c)	shall	All gauging and sampling devices shall be gas tight except when gauging or sampling is taking place.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-07	(M)(1)	shall	The owner or operator, or any subsequent owner or operator of each article, machine, equipment or other contrivance identified in this paragraph, shall comply with the control requirements specified in paragraph (M)(2) of this rule:	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-07	(M)(2)	shall	Each article, machine, equipment or other contrivance identified in paragraph (M)(1) of this rule, or meeting paragraph (M)(3)(a) of this rule, shall be equipped with a control system (i.e., capture and control equipment) that reduces the organic compound emissions from the article, machine, equipment or other contrivance by an overall control efficiency of at least eighty-five per cent, by weight.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-07	(M)(2)	shall	If the reductions are achieved by incineration, ninety per cent or more of the carbon in the organic material being incinerated shall be oxidized to carbon dioxide.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-07	(M)(3)(a)	shall	Any article, machine, equipment or other contrivance that meets all of the following conditions shall comply with the control requirements specified in paragraph (M)(2) of this rule:	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-07	(M)(3)(b)	shall	The owner or operator of any article, machine, equipment, or other contrivance meeting paragraph (M)(3)(a) of this rule, and not specified in paragraph (M)(1) of this rule, shall notify Ohio EPA of the need to be specified in paragraph (M)(1) of this rule. Such notification shall be submitted by May 18, 2008.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-07	(M)(3)(b)	shall	Such notification shall be submitted by May 18, 2008.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-07	(M)(3)(c)	shall not	Any article, machine, equipment or other contrivance that meets any of the following conditions shall not be subject to paragraphs (M)(3)(a) and (M)(3)(b) of this rule:	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-07	(M)(3)(c)(ii)	shall	... but not including restrictions pertaining to air pollution control equipment, shall be treated as part of its physical and operational design if the limitation or the effect it would have on organic compound emissions is federally enforceable or legally and practicably enforceable by the state.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-07	(M)(3)(d)	shall not	The following specific articles, machines, equipment or other contrivances shall not be subject to paragraphs (M)(3)(a) and (M)(3)(b) of this rule:	3704.03(E)	Yes	CAA 182	Yes	Yes	No

3745-21-07	(M)(3)(d)(vi)	shall	For any reductions that are achieved by incineration, the incineration equipment shall provide not less than ninety per cent, by weight, destruction (control) efficiency.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-07	(M)(3)(e)	shall	.... Cooper Standard Automotive, LLC" facility located at "1175 North Main Street, Bowling Green, Ohio" shall not cause, allow or permit the discharge into the ambient air of any VOC from flock line number 2, 3, or 4 (emissions units P078, P079 and P080 in accordance ...	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-07	(M)(3)(g)	shall not	The owner or operator, or any subsequent owner or operator of each sheet molding compound manufacturing operation shall not discharge from such operation more than forty pounds of organic materials	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-07	(M)(3)(g)	shall	If the reductions are achieved by incineration, ninety per cent or more of the carbon in the organic material being incinerated shall be oxidized to carbon dioxide.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-07	(M)(4)	shall not	... substance containing liquid organic material comes into contact with flame or is baked, heat-cured, or heat-polymerized, in the presence of oxygen, and is not specified in paragraph (M)(1) of this rule, shall not discharge from such source more than fifteen pounds of organic materials into the atmosphere in any one day ...	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-07	(M)(4)	shall	If the reductions are achieved by incineration, ninety per cent or more of the carbon in the organic material being incinerated shall be oxidized to carbon dioxide.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-07	(M)(5)(a)	shall not	Paragraph (M)(2) of this rule shall not apply to the use of any cleanup material in any article, machine, equipment, or other contrivance described in paragraph (M)(2) of this rule.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-07	(M)(5)(b)	shall not	Paragraphs (M)(2), (M)(3)(a) and (M)(4) of this rule shall not apply to the emission from any material used in any article, machine, equipment or other contrivance described in paragraphs (M)(2), (M)(3)(a) and (M)(4) of this rule if the emission is not a VOC.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-07	(M)(5)(c)	shall not	Paragraph (M)(2) of this rule shall not apply to the use, in any article, machine, equipment or other contrivance described in paragraph (M)(2) of this rule, of liquid organic materials which exhibit a boiling point higher than two hundred degrees Fahrenheit at 0.5 millimeter mercury absolute pressure ...	3704.03(E)	Yes	caa 182	Yes	Yes	No
3745-21-07	(M)(5)(d)	shall not	Paragraphs (M)(1), (M)(2), (M)(3)(a) and (M)(4) of this rule shall not apply if either of the following occurs:	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-07	(M)(5)(e)	shall	Paragraphs (M)(2), (M)(3)(d), (M)(3)(e), (M)(3)(f), (M)(3)(g), (M)(3)(h) and (M)(4) of this rule shall not apply if all the following conditions are met:	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-07	(M)(5)(e)(i)	shall	The equivalent best available technology requirement shall be consistent with division (F) of section 3704.01 of the Revised Code,	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-07	(M)(5)(e)(i)	shall	... of the Administrative Code and, for purposes of this paragraph, shall provide, where a control requirement or emission limitation is applicable, the lowest emission limitation that the article, machine, equipment or other contrivance is capable of meeting by the application of control technology ...	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-07	(M)(5)(e)(iii)	shall	The permit-to-install shall contain terms and conditions that are consistent with the approval granted by the USEPA pursuant to paragraph (M)(5)(e)(ii) of this rule, and that specify the control requirement or emission limitation that is the basis for the director's best ...	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-07	(M)(5)(e)(iii)	shall	The permit-to-install shall be issued by the Ohio EPA in a manner that makes the control requirement or emission limitation federally enforceable.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-07	(M)(5)(f)	shall	Paragraph (M) of this rule shall not apply to the emissions resulting from the use of any liquid organic materials in any article, machine, equipment or other contrivance if those emissions are regulated	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-07	(M)(5)(g)	shall not	Paragraphs (M)(3)(a), (M)(3)(b), (M)(3)(g) and (M)(4) of this rule shall not apply to sources that are located in Darke, Fairfield, Madison, Perry, Pickaway, Preble or Union county and that are within a facility having the potential to emit not more than one hundred tons of organic compounds per calendar year.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-07	(M)(5)(h)	shall not	Paragraph (M)(3)(g) of this rule shall not apply to any sheet molding compound manufacturing operation (machine) in which all of the following requirements are met:	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-07	(M)(5)(i)	shall not	Paragraph (M)(2) of this rule shall not apply to the use of a phenolic urethane cold box resin binder system in foundry core-making and mold-making operations, provided the catalyst gas emissions are vented to a control device that is	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-07	(M)(5)(j)	shall	The owner or operator of an article, machine, equipment or other contrivance that is exempt per paragraph (M)(5)(d) of this rule shall maintain the following records for all materials used:	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-07	(N)(1)	shall	The owner or operator, or any subsequent owner or operator, of each waste gas flare system identified in this paragraph shall comply with the control requirements specified in paragraph (N)(2) of this rule:	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-07	(N)(2)	shall	The waste gas flare system identified in paragraph (N)(1) of this rule shall employ a smokeless flare or equally effective control equipment for organic compound emissions.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-07	(N)(3)	shall not	... or any subsequent owner or operator of the "Aircraft Braking Systems Corp." facility located at "1204 Massillon Road, Akron, Ohio" shall not emit a waste gas stream into the atmosphere from emissions units P036, P037, P038, P039, P040, P041, and P044 unless such waste gas stream is properly burned at 1300 degrees Fahrenheit ...	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-07	(M)(5)(e)(i)	must	Also, for an article, machine, equipment or other contrivance located within an ozone nonattainment area, the best available technology determination must comply with Section 193 of the Clean Air Act amendments of 1990, general savings clause.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-07	(M)(5)(h)(i)	must	The resin delivery system to the doctor box on the sheet molding compound manufacturing machine must be closed or covered (the doctor box itself may be open).	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-07	(M)(5)(h)(ii)	must	A nylon containing film must be used to enclose the sheet molding compound.	3704.03(E)	Yes	CAA 182	Yes	Yes	No

3745-21-07	(A)(4)	prohibits	.... The associated requirements covered by this comment shall include: (a) any requirement that prohibits the use of photochemically reactive materials, ...	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-07	(A)(4)	prohibits	... or prohibits the use of volatile photochemically reactive materials; (b) any requirement that limits organic compound emissions from an operation to eight pounds per hour and forty pounds per day ...	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-08	(D)	shall	No person shall install a "new source", as defined in rule 3745-31-01 of the Administrative Code, from which the carbon monoxide gases generated during the operation of a grey iron cupola, blast furnace, or basic oxygen steel furnace are emitted into the atmosphere ...	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-08	(E)	shall	No person shall install a "new source", as defined in rule 3745-31-01 of the Administrative Code, from which the carbon monoxide waste gas stream from any petroleum fluid coker or other petroleum process	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(B)(1)	prohibited	The averaging of VOC emissions over two or more coating lines or printing lines in order to demonstrate compliance with an applicable emission limitation (i.e., cross-line averaging) is prohibited except as otherwise provided in this rule.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(DDD)(1)(a)	prohibited	.... The vapor control system shall employ only coaxial hoses, and the use of remote check valves shall be prohibited .	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(A)(1)	shall	In Ashtabula, Butler, Clark, Clermont, Cuyahoga, Delaware, Franklin, Geauga, Greene, Hamilton, Lake, Licking, Lorain, Lucas, Mahoning, Medina, Miami, Montgomery, Portage, Stark, Summit, Trumbull, Warren and Wood counties, paragraphs (C) to (M), (O)(2)(a) to (O)(2)(d), (O)(3) to (O)(6), (P) to (R), (T), and (W) to (EE) of this rule shall apply to all sources regardless of date of construction or modification.	3704.03(E)	Yes	CAA 182(a)(2)(A) CAA 182(b)(2)	Yes	Yes	No
3745-21-09	(A)(2)	shall	Paragraphs (N) and (V) of this rule shall apply state-wide.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(A)(3)(a)	shall	Paragraphs (C) to (M), (O)(2)(a) to (O)(2)(d), (O)(3) to (O)(6), and (P) to (R) of this rule shall apply to all sources that meet either of the following:	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(A)(3)(b)	shall	Paragraphs (T), and (W) to (AA) of this rule shall apply to all sources that meet either of the following:	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(A)(3)(c)	shall	Paragraphs (BB) to (EE) of this rule shall apply to all sources that meet either of the following:	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(A)(4)	shall	Paragraph (DDD) of this rule shall apply to all sources, regardless of date of construction or modification, that are located in Ashtabula, Butler	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(A)(5)	shall	Paragraph (O)(2)(e) of this rule shall apply to any facility that has sources regardless of date of construction or modification that are located in Ashtabula, Butler,	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(A)(6)	shall	Paragraph (U) of this rule shall apply to all sources that meet either of the following:	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(B)(1)	shall	The VOC contents and densities of the coating materials subject to paragraphs (C) to (K), (S), (U), (Y), (FF), (OO) and (PP) of this rule shall be determined in accordance with paragraph (B) of rule 3745-21-10 of the Administrative Code.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(B)(1)	shall	The VOC emission rate, capture efficiency and control efficiency for coating lines or printing lines subject to paragraphs (C) to (K), (S), (U), (Y), (FF), (NN) and (PP) of this rule shall be determined in accordance with paragraph (C) of rule 3745-21-10 of the Administrative Code.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(B)(2)	shall	Any approval granted by the director in accordance with paragraphs (I)(2), (K)(3), (L)(1)(a)(ii), (O)(2)(c)(iii), (O)(3)(c)(v), (O)(4)(a)(iii), (T)(4), (W)(1)(a)(ii), (W)(1)(c)(ii), (Z)(1)(a)(vii), (Z)(1)(b)(iii)(e), (Z)(1)(b)(iii)(c), (DD)(3)(e), (DD)(16), and (DD)(17)(b)(iii) of this rules shall be approved by the USEPA as a revision of the state implementation plan.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(B)(3)(a)	shall	Except as otherwise provided by this rule, the owner or operator of a coating line or printing line subject to paragraphs (C) to (K), (S), (U), (Y), (FF) or (NN) to (PP) of this rule, or subject to rule 3745-21-26 of the Administrative Codes shall demonstrate the ongoing status of compliance with the applicable emissions limitations	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(B)(3)(b)	shall	Any owner or operator of a coating line which is exempt from the emission limitations specified in paragraph (I) or (U) of this rule because the combined VOC emissions from all such coating lines at the facility are less than fifteen pounds of VOC per day (before add-on controls) shall collect and record the information each day and maintain the information at the facility for a period of three years:	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(B)(3)(b)	shall	Bi = Volume of coating (i) (including water and exempt solvents), as applied, used at the facility, in units of gallons per day. The instrument or method by which the owner or operator accurately measured or calculated the volume of each coating, as applied, shall also be described in the certification to the director.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(B)(3)(c)	shall	Any owner or operator of a coating line referenced in paragraph (B)(3)(b) of this rule shall notify the director of any daily record showing that the combined VOC emissions from all such coating lines at the facility are equal to or greater than fifteen pounds of VOC per day (before add-on controls).	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(B)(3)(c)	shall	A copy of such record shall be sent to the director within forty-five days after the exceedance occurs.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(B)(3)(d)	shall	Any owner or operator of a coating line which is exempt from the emission limitations specified in paragraph (U)(1) of this rule, pursuant to paragraph (U)(2)(e) of this rule, shall collect and record the following information each day for each such coating line and maintain the information at the facility for a period of three years:	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(B)(3)(e)	shall	Any owner or operator of a coating line referenced in paragraph (B)(3)(d) of this rule shall notify the director of any daily record showing that the coating line employs more than the applicable maximum daily coating usage limit.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(B)(3)(e)	shall	A copy of such record shall be sent to the director within forty-five days after the exceedance occurs.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(B)(3)(f)	shall	... with the applicable emission limitation by means of the use of complying coatings (i.e., each coating complies with the applicable emission limitation as applied) shall collect and record the following information each month and maintain the information at the facility for a period of three years:	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(B)(3)(g)	shall	Any owner or operator of a coating line or printing line referenced in paragraph (B)(3)(f) of this rule shall notify the director of any monthly record showing the use of noncomplying coatings.	3704.03(E)	Yes	CAA 182	Yes	Yes	No

3745-21-09	(B)(3)(g)	shall	A copy of such record shall be sent to the director within thirty days following the end of the calendar month.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(B)(3)(h)	shall	Any owner or operator of a coating line or printing line who elects to demonstrate the ongoing status of compliance with the applicable emission limitation by means of a daily volume-weighted average VOC content shall collect and record the following information each day ...	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(B)(3)(i)	shall	Any owner or operator of a coating line or printing line referenced in paragraph (B)(3)(h) of this rule shall notify the director of any daily record showing that	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(B)(3)(i)	shall	A copy of such record shall be sent to the director within forty-five days after the exceedance occurs.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(B)(3)(j)	shall	Any owner or operator of a coating line who elects to demonstrate the ongoing status of compliance with the applicable pounds of VOC per gallon of solids limitation by means of control equipment shall collect and record the following information each day	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(B)(3)(j)(iv)	shall	The calculated, controlled VOC emission rate, in mass of VOC per unit volume of coating solids, as applied. The controlled VOC emission rate shall be calculated using the following:	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(B)(3)(k)	shall	Any owner or operator of a coating line referenced in paragraph (B)(3)(j) of this rule shall notify the director of any daily record showing that the calculated, controlled VOC emission rate exceeds the applicable pounds of VOC per gallon of solids limitation.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(B)(3)(k)	shall	A copy of such record shall be sent to the director within forty-five days after the exceedance occurs.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(B)(3)(l)	shall	... with the applicable capture and control efficiency requirements or overall control efficiency requirements contained in paragraph (B)(6), (H), (Y), (NN), (PP), or (XX) of this rule shall collect and record the following information each day for the control equipment and maintain the information at the facility for a period of three years:	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(B)(3)(m)	shall	Any owner or operator of a coating line or printing line referenced in paragraphs (B)(3)(j) and (B)(3)(l) of this rule shall submit to the director quarterly summaries of the records required by paragraphs (B)(3)(j)(v) to (B)(3)(j)(viii) and (B)(3)(l) of this rule.	3704.03(E)	Yes	caa 182	Yes	Yes	No
3745-21-09	(B)(3)(m)	shall	These quarterly reports shall be submitted by April thirtieth, July thirty-first, ...	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(B)(3)(m)	shall	... and January thirty-first, and shall cover the records for the previous calendar quarters.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(B)(3)(n)	shall	Any owner or operator of a coating line or printing line referenced in paragraphs (B)(3)(j) and (B)(3)(l) of this rule shall install and operate continuous monitoring and recording devices ...	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(B)(3)(n)	shall	The continuous monitoring and recording devices shall be installed and placed in operation either within one hundred eighty days of March 31, 1993 or by the date of operation ...	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(B)(3)(n)	shall	The continuous monitoring and recording devices shall be capable of accurately measuring the desired parameter.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(B)(3)(n)	shall	The owner or operator shall properly operate and maintain the devices in accordance with the manufacturer's recommendations.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(B)(4)(a)	shall	... the owner or operator of a source other than a coating line or printing line that is subject to paragraphs (O), (W), (X), (CC), (EE), (KK) to (MM), (SS) to (VV), or (YY) to (BBB) of this rule shall demonstrate the ongoing status of compliance with the applicable emissions limitations or control requirements by means ...	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(B)(4)(b)	shall	... who elects to demonstrate the ongoing status of compliance with the applicable emission limitation or control requirement by means of control equipment shall collect and record the following information each day for the source and maintain the information at the facility for a period of three years:	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(B)(4)(c)	shall	Any owner or operator of a source referenced in paragraph (B)(4)(a) of this rule shall submit to the director quarterly summaries of the records required by paragraph (B)(4)(b) of this rule.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(B)(4)(c)	shall	These quarterly reports shall be submitted by April thirtieth, July thirty-first, October thirty-first, and	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(B)(4)(c)	shall	... January thirty-first, and shall cover the records for the previous calendar quarters.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(B)(4)(d)	shall	Any owner or operator of a source referenced in paragraph (B)(4)(a) of this rule shall install and operate continuous monitoring and recording devices (i.e., for temperature, ...	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(B)(4)(d)	shall	The continuous monitoring and recording devices shall be installed and placed in operation either within one hundred eighty days of March 31, 1993 or by	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(B)(4)(d)	shall	The continuous monitoring and recording devices shall be capable of accurately measuring the desired parameter	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(B)(4)(d)	shall	measuring the desired parameter, and the owner or operator shall properly operate and maintain the devices in accordance with the manufacturer's recommendations.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(B)(5)	shall	If the alternative recordkeeping and reporting program is approved by the director, the alternative recordkeeping and reporting program shall supersede paragraph (B)(3) or (B)(4) of this rule	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(B)(5)	shall	... of this rule and shall be specified in the terms and conditions of the permit, variance, or order issued by the director	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(B)(5)	shall	Any alternative recordkeeping and reporting program approved by the director shall also be approved by the USEPA as a revision to the state implementation plan.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(B)(6)	shall	In such cases, the owner or operator shall comply with the certification and permit application requirements specified ...	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(B)(6)	shall	... specified in paragraph (B)(3) of rule 3745-21-04 of the Administrative Code and shall achieve compliance with the overall VOC emission reduction and control efficiency requirements in accordance with ...	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(B)(6)	shall	Also, in such cases, the owner or operator of the coating line shall be subject to the recordkeeping and reporting requirements contained in paragraph (B)(3)(l) of this rule.	3704.03(E)	Yes	CAA 182	Yes	Yes	No

3745-21-09	(B)(7)	shall	In such cases, the owner or operator shall comply with the certification and permit application requirements specified in ...	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(B)(7)	shall	... requirements specified in paragraph (B)(3)(b) of rule 3745-21-04 of the Administrative Code and shall achieve compliance with the overall VOC emission reduction and control efficiency requirements ...	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(B)(7)	shall	Also, in such cases, the owner or operator of the coating line shall be subject to the recordkeeping and reporting requirements contained in paragraph (B)(3)(I) of this rule.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(C)	shall	... or Summit county subject to paragraph (C) of this rule, the requirement to comply with paragraph (C) of this rule shall terminate at such time the source becomes subject to and complies with rule 3745-21-29 of the Administrative Code.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(C)(1)(a)(ii)	shall	1.4 pounds of VOC per gallon of solids from any electrodeposition (EDP) coating line when the solids turnover ratio (RT) is 0.16 or greater. RT shall be calculated as follows:	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(C)(2)	shall	The emission limitations specified in paragraph (C)(1) of this rule shall apply to the application of surface coatings, except sound-proofing materials, to the frame, main body, interior panels and	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(C)(3)	shall	... of the coating line and for determining compliance of the coating line with applicable emission limitations shall be in accordance with the publication specified in paragraph (C)(4) of this rule.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(C)(4)	shall	... any owner or operator of an automobile or light-duty truck assembly plant shall maintain daily records for the guidecoat or surfacer coating line and for the topcoat coating line and shall demonstrate compliance with paragraphs (C)(1)(a)(v) ...	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(C)(4)	shall	... for the topcoat coating line and shall demonstrate compliance with paragraphs (C)(1)(a)(v) and (C)(1)(c) of this rule in accordance with the USEPA publication ...	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(C)(4)	shall	... A copy of records indicating an exceedance of paragraphs (C)(1)(a)(v) and (C)(1)(c) of this rule limitations shall be sent to the director within thirty days ...	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(C)(5)	shall	who elects to demonstrate the ongoing status of compliance by means of a monthly volume-weighted average VOC content shall meet the following recordkeeping and reporting requirements:	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(C)(5)(a)	shall	The owner or operator shall collect and record the following information each month for the final repair coating line and maintain the information at the facility for a period of three years	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(C)(5)(b)	shall	The owner or operator shall notify the director of any monthly record showing that the monthly volume-weighted average VOC content exceeds	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(C)(5)(b)	shall	A copy of such monthly record shall be sent to the director within thirty days following the end of the calendar month.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(C)(7)	shall	An owner or operator of the applicable coating line who elects to demonstrate the ongoing status of compliance with paragraph (C)(6) by means of a monthly volume-weighted average VOC content shall meet the following: ...	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(C)(7)(a)	shall	The owner or operator shall collect and record the following information each month for the coating line and maintain the information at the facility for a period of three years:	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(C)(7)(b)	shall	The owner or operator shall notify the director of any monthly record showing that the monthly volume-weighted average VOC content exceeds the applicable emission limitation.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(C)(7)(b)	shall	A copy of such monthly record shall be sent to the director within thirty days following the end of the calendar month.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(C)(8)	shall	... or (C)(6)(b) of this rule by means of control equipment shall collect and record the following information each month for the coating line and maintain the information at the facility for a period of three years: ...	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(C)(8)(d)	shall	The calculated, controlled VOC emission rate, in mass of VOC per unit volume of coating solids, as applied. The controlled VOC emission rate shall be calculated using the following:	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(C)(9)	shall	Any owner or operator of a coating line referenced in paragraph (C)(7) of this rule shall notify the director of any monthly record showing that the calculated, controlled VOC emission rate exceeds the applicable pounds of VOC per gallon of solids limitation.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(C)(9)	shall	A copy of such monthly record shall be sent to the director within thirty days following the end of the calendar month.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(D)(3)(a)	shall	The alternative daily emission limitation shall be determined according to paragraph (D)(3)(b) of this rule ...	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(D)(3)(a)	shall	... and the actual daily emission shall be determined according to paragraph (D)(3)(c) of this rule.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(D)(3)(a)	shall	Prior to obtaining the alternative daily emission limitation, the owner or operator shall demonstrate to the satisfaction of the director that the actual daily emission will not exceed ...	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(D)(3)(a)	shall	... emission limitation after the date specified in paragraph (C)(3) of rule 3745-21-04 of the Administrative Code and that the record-keeping requirements of paragraph (D)(3)(d) of this rule shall be met.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(D)(3)(b)	shall	The alternative daily emission limitation (A _d) shall be determined on a daily basis as follows:	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(D)(3)(c)	shall	The actual daily emission (E _a) shall be determined on a daily basis as follows:	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(D)(3)(d)(i)	shall	Daily records shall be maintained for a period of not less than two years which list the usage of surface coatings or which list other data, as authorized by the director, that approximate the usage of surface coatings.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(D)(3)(d)(i)	shall	The following data shall be listed for each surface coating being recorded:	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(D)(3)(d)(ii)	shall	Daily records shall be maintained for a period of not less than two years which include the following for any control equipment designed to reduce or prevent the emission of VOC:	3704.03(E)	Yes	CAA 182	Yes	Yes	No

3745-21-09	(D)(3)(d)(iii)	shall	Other records shall be maintained, as deemed necessary by the director, in order to provide information on VOC emissions or compliance with the alternative daily emission limitation.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(F)(2)(a)	shall	Any owner or operator of a paper coating line with potential emissions that are equal to or greater than 25.0 tons per year of VOC before the application of capture and control devices shall comply with either of the following for the coating line:	3704.03(E)	Yes	2007 CTG; Paper Film and Foil Coatings. CAA 182(a)(2)(A) CAA 182(b)(2)	Yes	Yes	No
3745-21-09	(F)(2)(b)	shall	Unless emissions to the atmosphere are controlled by an approved emission control system with an overall control efficiency of at least ninety per cent, any person using an organic solvent for cleanup shall do the following:	3704.03(E)	Yes	2007 CTG; Paper Film and Foil Coatings. CAA 182(a)(2)(A) CAA 182(b)(2)	Yes	Yes	No
3745-21-09	(H)(3)	shall	Paragraphs (H)(1) and (H)(2) of this rule shall not apply to the application of organisol or plastisol coatings.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(I)(2)	shall	The owner or operator shall demonstrate to the satisfaction of the director, prior to obtaining an alternative emission limitation, that the alternative emission limitation	3704.03(E)	Yes	2007 CTG; Paper Film and Foil Coatings. CAA 182(a)(2)(A) CAA 182(b)(2)	Yes	Yes	No
3745-21-09	(I)(2)	shall	For purposes of this demonstration, the director shall recognize that the emission limitation in paragraph (I)(1) of this rule is equivalent to 8.4 pounds VOC per gallon of deposited solids and is based upon a coating applicator transfer efficiency of sixty per cent.	3704.03(E)	Yes	2007 CTG; Paper Film and Foil Coatings. CAA 182(a)(2)(A) CAA 182(b)(2)	Yes	Yes	Yes
3745-21-09	(I)(2)	shall	If the director approves an alternative emission limitation for a prime coat, topcoat, or single coat coating line for metal furniture, said limitation and the associated transfer efficiency shall be specified in the special terms and conditions of a operating permit or variance issued by the director for the coating line.	3704.03(E)	Yes	2007 CTG; Paper Film and Foil Coatings. CAA 182(a)(2)(A) CAA 182(b)(2)	Yes	Yes	No
3745-21-09	(I)(2)	shall	If the test method for determining the transfer efficiency for a coating line has not been approved by the USEPA as part of the state implementation plan, the permit to operate or variance issued by the director for the coating line shall be approved by the USEPA as a revision to the state implementation plan.	3704.03(E)	Yes	2007 CTG; Paper Film and Foil Coatings. CAA 182(a)(2)(A) CAA 182(b)(2)	Yes	Yes	No
3745-21-09	(I)(4)(b)(iii)	shall not	Paragraphs (I)(4)(a) and (I)(4)(d) of this rule shall not apply to the following:	3704.03(E)	Yes	2007 CTG; Paper Film and Foil Coatings. CAA 182(a)(2)(A) CAA 182(b)(2)	Yes	Yes	No
3745-21-09	(I)(4)(c)	shall	A person shall not apply VOC-containing coatings to metal furniture unless the coating is applied with equipment operated according to the equipment manufacturer specifications, and by the use of one of the following methods:	3704.03(E)	Yes	2007 CTG; Paper Film and Foil Coatings. CAA 182(a)(2)(A) CAA 182(b)(2)	Yes	Yes	No
3745-21-09	(I)(4)(d)	shall	Unless emissions to the atmosphere are controlled by an approved emission control system with an overall control efficiency of at least ninety per cent, any person performing coating related activities shall do the following:	3704.03(E)	Yes	2007 CTG; Paper Film and Foil Coatings. CAA 182(a)(2)(A) CAA 182(b)(2)	Yes	Yes	No
3745-21-09	(I)(4)(e)	shall	Unless emissions to the atmosphere are controlled by an approved emission control system with an overall control efficiency of at least ninety per cent, any person using an organic solvent for cleanup shall do the following: ...	3704.03(E)	Yes	2007 CTG; Paper Film and Foil Coatings. CAA 182(a)(2)(A) CAA 182(b)(2)	Yes	Yes	No
3745-21-09	(K)(2)	shall not	The emission limit under paragraph (K)(1) of this rule shall not apply to the use of quick-drying lacquers for repair of scratches and nicks that occur during assembly, provided that the maximum usage of such lacquers does not exceed one quart in any eight-hour period.	3704.03(E)	Yes	2007 CTG; Paper Film and Foil Coatings. CAA 182(a)(2)(A) CAA 182(b)(2)	Yes	Yes	No
3745-21-09	(K)(3)	shall	The owner or operator shall demonstrate to the satisfaction of the director, prior to obtaining an alternative emission limitation, that the alternative emission limitation is, at a minimum, equivalent in terms of total daily emissions of VOCs to the applicable requirement of paragraph (K)(1) of this rule.	3704.03(E)	Yes	2007 CTG; Paper Film and Foil Coatings. CAA 182(a)(2)(A) CAA 182(b)(2)	Yes	Yes	No
3745-21-09	(K)(3)	shall	For purposes of this demonstration, the director shall recognize that the emission limitation in paragraph (K)(1) of this rule is equivalent to 7.5 pounds VOC per gallon of deposited solids and is based upon ...	3704.03(E)	Yes	2007 CTG; Paper Film and Foil Coatings. CAA 182(a)(2)(A) CAA 182(b)(2)	Yes	Yes	No
3745-21-09	(K)(3)	shall	If the director approves an alternative emission limitation for a prime coat, single coat or topcoat coating line for large appliances, said limitation and the associated transfer efficiency shall be specified in the special terms and conditions of an operating permit or variance issued by the director for the coating line.	3704.03(E)	Yes	2007 CTG; Paper Film and Foil Coatings. CAA 182(a)(2)(A) CAA 182(b)(2)	Yes	Yes	No

3745-21-09	(K)(3)	shall	If the test method for determining the transfer efficiency for a coating line has not been approved by the USEPA as part of the state implementation plan, the permit to operate or variance issued by the director for the coating line shall be approved by the USEPA as a revision to the state implementation plan.	3704.03(E)	Yes	2007 CTG; Paper Film and Foil Coatings. CAA 182(a)(2)(A) CAA 182(b)(2)	Yes	Yes	No
3745-21-09	(K)(4)	shall not	The emission limit under paragraph (K)(1) of this rule shall not apply to any large appliance coating line for which construction commenced prior to October 19, 1979 and which is located at the following facilities ...	3704.03(E)	Yes	2007 CTG; Paper Film and Foil Coatings. CAA 182(a)(2)(A) CAA 182(b)(2)	Yes	Yes	No
3745-21-09	(K)(5)	shall not	The emission limit under paragraph (K)(1) of this rule shall not apply to large appliance coatings that are subject to in-use temperatures in excess of two hundred fifty degrees Fahrenheit.	3704.03(E)	Yes	2007 CTG; Paper Film and Foil Coatings. CAA 182(a)(2)(A) CAA 182(b)(2)	Yes	Yes	No
3745-21-09	(K)(6)(b)(ii)	shall not	Paragraphs (K)(6)(a) and (K)(6)(e) of this rule shall not apply to the following: ...	3704.03(E)	Yes	2007 CTG; Paper Film and Foil Coatings. CAA 182(a)(2)(A) CAA 182(b)(2)	Yes	Yes	No
3745-21-09	(K)(6)(c)	shall not	A person shall not apply VOC-containing coatings to a large appliance unless the coating is applied with equipment operated according to the equipment manufacturer specifications, and by the use of one of the following methods: ...	3704.03(E)	Yes	2007 CTG; Paper Film and Foil Coatings. CAA 182(a)(2)(A) CAA 182(b)(2)	Yes	Yes	No
3745-21-09	(K)(6)(d)	shall	Unless emissions to the atmosphere are controlled by an approved emission control system with an overall control efficiency of at least ninety per cent, any person performing coating related activities shall do the following:	3704.03(E)	Yes	2007 CTG; Paper Film and Foil Coatings. CAA 182(a)(2)(A) CAA 182(b)(2)	Yes	Yes	No
3745-21-09	(K)(6)(e)	shall	Unless emissions to the atmosphere are controlled by an approved emission control system with an overall control efficiency of at least ninety per cent, any person using an organic solvent for cleanup shall do the following: ...	3704.03(E)	Yes	2007 CTG; Paper Film and Foil Coatings. CAA 182(a)(2)(A) CAA 182(b)(2)	Yes	Yes	No
3745-21-09	(L)(1)	shall	No person shall place, store, or hold in a fixed roof tank any petroleum liquid with a true vapor pressure which is greater than 1.52 pounds per square inch absolute after the date specified in paragraph (C)(11) ...	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(L)(3)	shall	Any owner or operator of a fixed roof tank that is not exempted pursuant to paragraph (L)(2) of this rule shall maintain records of the following information ...	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(L)(3)	shall	... in a readily accessible location for at least five years and shall make copies of the records available to the director upon verbal or written request: ...	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(L)(4)	shall	... does not comply with paragraph (L)(1) of this rule, the owner or operator shall so notify the director within thirty days of becoming aware of the occurrence.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(M)(1)	shall	Each owner or operator of a petroleum refinery shall control the emissions of VOC from any vacuum producing systems no later than the date specified in paragraph (C)(12) of rule 3745-21-04 of the Administrative Code ...	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(M)(2)	shall	Except for any wastewater separator which is used solely for once-through, noncontact cooling water or for intermittent tank farm drainage resulting from accumulated precipitation, each owner or operator of a petroleum refinery shall control the emissions of VOC from any wastewater separator no later than ...	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(M)(2)	shall	In addition, all covers and forebay and separator sections shall be equipped with lids and seals which are kept in a closed position at all times except when in actual use.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(M)(3)(a)	shall	Each owner or operator of a petroleum refinery shall control the emissions of VOC from process unit turnarounds no later than the date specified in paragraph (C)(14) of rule 3745-21-04 of the Administrative Code by combusting	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(M)(3)(b)	shall	Each owner or operator of a petroleum refinery shall maintain records for a minimum of two years for each process unit turnaround.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(M)(3)(b)	shall	Such records shall include the following: ...	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(N)(3)	shall	Paragraphs (N)(1) and (N)(2) of this rule shall not apply to the following:	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(N)(4)(a)	shall	Any person using or applying a cutback asphalt or emulsified asphalt in road construction or maintenance during the period from April fifteenth through October fifteenth shall maintain the following records for each cutback asphalt or emulsified asphalt used or applied during that period:	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(N)(4)(b)	shall	The records required by paragraph (N)(4)(a) of this rule shall be maintained for a minimum of two years	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(N)(4)(b)	shall	... and shall be available for review by the director or authorized representative during normal business hours.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(O)(1)	shall	Except where exempted under paragraph (O)(6) of this rule, paragraphs (O)(2), (O)(3), and (O)(4) of this rule shall be satisfied no later than the dates specified in paragraph (C)(16) of rule 3745-21-04 of the Administrative Code.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(O)(2)	shall	Each owner or operator of a cold cleaner shall do the following:	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(O)(2)(a)(i)	shall	... at one hundred degrees Fahrenheit, or the solvent is heated or agitated, the cover shall be designed and constructed so that it can be easily operated with one hand.	3704.03(E)	Yes	CAA 182	Yes	Yes	No

3745-21-09	(O)(2)(b)	shall	... one hundred degrees Fahrenheit, the drainage facility shall be constructed internally so that parts are enclosed under the cover during draining unless an internal type drainage device cannot fit into the cleaning system.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(O)(2)(c)(ii)	shall	Water cover (solvent shall be insoluble in and heavier than water).	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(O)(2)(e)(i)	shall	The solvent material employed in the cold cleaner shall have a vapor pressure that does not exceed 1.0 mmHg (0.019 psi) measured at twenty degrees Celsius (sixty-eight degrees Fahrenheit).	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(O)(2)(e)(ii)	shall	The owner or operator of each cold cleaner shall maintain records for a minimum of five years that include the following information for each solvent purchased: ...	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(O)(3)	shall	Each owner or operator of an open top vapor degreaser shall do the following:	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(O)(3)(c)(i)	shall	A freeboard with a freeboard ratio greater than or equal to 0.75, and if the open top vapor degreaser opening is greater than ten square feet, the cover shall be powered or equipped with mechanical features whereby it can be readily closed when the degreaser is not in use.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(O)(4)	shall	Each owner or operator of a conveyORIZED degreaser shall do the following:	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(O)(5)	shall	Any owner or operator of a solvent metal cleaning operation shall maintain records of the following information in a readily accessible location ...	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(O)(5)	shall	... for at least five years and shall make these records available to the director upon verbal or written request:	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(O)(6)(a)	shall not	Paragraph (O)(2)(d)(v) of this rule shall not apply to cold cleaners that are research and development sources, as defined under section 3704.01	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(O)(6)(b)	shall not	After June 15, 1999, except as provided in paragraph (O)(2)(e), paragraphs (O)(2) to (O)(5) of this rule shall not apply to any solvent metal cleaning operation which is subject to 40 CFR part 63, subpart T	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(O)(6)(d)	shall	Such documentation shall be provided to the appropriate Ohio EPA district office or local air agency.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(P)(2)	shall	When a vapor balance system is employed to meet paragraph (P)(1)(b) or (P)(1)(d) of this rule, the following operating practices shall be followed:	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(P)(2)(a)	shall	The vapor balance system shall be kept in good working order ...	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(P)(2)(a)	shall	... and shall be used at all times during the transfer of gasoline.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(P)(2)(b)	shall	The delivery vessel hatches shall be closed at all times during the loading of the delivery vessel.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(P)(2)(c)	shall	There shall be no leaks in the delivery vessel pressure/vacuum relief valves and hatch covers.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(P)(2)(d)	shall	There shall be no leaks in the vapor and liquid lines during the transfer of gasoline.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(P)(2)(e)	shall	The pressure relief valves on the stationary storage tanks and delivery vessels shall be set to release at no less than 0.7 pound per square inch gauge or the highest possible pressure ...	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(P)(4)	shall	Any owner or operator of a bulk gasoline plant shall repair within fifteen days any leak from the vapor balance system or vapor control system which is employed to meet paragraph (P)(1) of this rule	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(P)(5)(a)	shall not	Paragraphs (P)(1) to (P)(4) of this rule shall not apply to a bulk gasoline plant which has an average daily throughput, based upon the number of days during a calendar year when the bulk plant ...	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(P)(5)(b)	shall	Paragraph (P)(1)(b) of this rule shall not apply to any stationary storage tank which is equipped with either an internal floating roof or external floating roof.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(P)(6)	shall	Any owner or operator of a bulk gasoline plant shall maintain records of the following information in a readily accessible location ...	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(P)(6)	shall	... at least five years and shall immediately make these records available to the director upon verbal or written request:	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(P)(7)(a)	shall	... has an average daily throughput equal to or greater than four thousand gallons per day, the owner or operator shall so notify the director within thirty days of becoming aware of the occurrence.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(P)(7)(b)	shall	Any leaks in vapor or liquid lines that are not repaired within fifteen days after identification shall be reported to the director within thirty days after the repair is completed.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(Q)(3)	shall	Any owner or operator of a bulk gasoline terminal shall repair within fifteen days any leak from the vapor collection system and vapor control system which are employed to meet paragraph (Q)(1) of this rule ...	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(Q)(4)	shall not	Paragraph (Q)(1) of this rule shall not apply to a bulk gasoline terminal which has a maximum daily throughput equal to or less than twenty thousand gallons of gasoline, provided either of the following: ...	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(R)(2)	shall	When a vapor balance system is employed to meet paragraph (R)(1)(b) of this rule, the following operating practices shall be followed: ...	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(R)(2)(a)	shall	The vapor balance system shall be kept in good working order ...	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(R)(2)(a)	shall	... and shall be used at all times during the transfer of gasoline.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(R)(2)(b)	shall	There shall be no leaks in the delivery vessel pressure/vacuum relief valves and hatch covers.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(R)(2)(c)	shall	There shall be no leaks in the vapor and liquid lines during the transfer of gasoline.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(R)(3)	shall	Any owner or operator of a gasoline dispensing facility shall repair within fifteen days any leak from the vapor balance system or vapor control system which is employed to meet paragraph (R)(1) of this rule ...	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(R)(4)	shall not	Paragraphs (R)(1) to (R)(3) of this rule shall not apply to the following: ...	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(R)(5)	shall	Any owner or operator of a gasoline dispensing facility that is exempted from paragraphs (R)(1) to (R)(3) of this rule pursuant to paragraph (R)(4)(a) of this rule shall maintain records of the quantity of gasoline delivered	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(R)(5)	shall	The records shall be maintained at the facility for a period of three years.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(R)(5)	shall	The owner or operator shall notify the director if the annual gasoline throughput for any rolling twelve-month period is equal to or greater than one hundred twenty thousand gallons.	3704.03(E)	Yes	CAA 182	Yes	Yes	No

3745-21-09	(R)(5)	shall	The director shall be notified within forty-five days after the exceedance occurs.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(S)	shall not	"Alside, Inc." (facility ID 1677000053) or any subsequent owner or operator of the "Alside, Inc." facility located at 3773 State road, Cuyahoga Falls, Ohio shall not cause, allow or permit the discharge	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(T)(1)	shall	Except as otherwise provided in paragraphs (T)(1)(b) and (T)(1)(c) of this rule, each owner or operator of a petroleum refinery shall comply with the following monitoring, recordkeeping and reporting requirements ...	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(T)(1)(a)	shall	Except as otherwise indicated in paragraph (T)(1)(b) of this rule, a monitoring program shall be developed and implemented which incorporates the following provisions: ...	3704.03(E)	Yes	caa 182	Yes	Yes	No
3745-21-09	(T)(1)(d)	shall	All pipeline valves in gas service and pressure relief valves in gas service shall be clearly marked and identified in such a manner that they will be obvious to both refinery personnel performing monitoring and to the director.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(T)(1)(e)	shall	If a leak is identified as a result of the monitoring program required by paragraph (T)(1)(a) of this rule and the concentration of VOC exceeds ten thousand parts per million by volume, a tag shall immediately be placed on the leaking component.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(T)(1)(e)	shall	The tag shall be readily visible and weatherproof ...	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(T)(1)(e)	shall	... it shall bear an identification number;	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(T)(1)(e)	shall	... it shall bear an identification number	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(T)(1)(e)	shall	... and it shall clearly indicate the date the leak was detected.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(T)(1)(e)	shall	The tag shall remain in place until the leaking component is repaired.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(T)(1)(f)	shall	A monitoring log shall be maintained for all leaking components which are tagged in accordance with paragraph (T)(1)(e) of this rule.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(T)(1)(f)	shall	The monitoring log shall contain, at a minimum, the following data: ...	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(T)(1)(g)	shall	A copy of any monitoring log shall be retained by the owner or operator for a minimum of two years after the date on which the record was made or the report was prepared.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(T)(1)(h)	shall	A copy of any monitoring log shall immediately be made available to the director or an authorized representative of the director, upon verbal or written request, at any reasonable time.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(T)(1)(i)	shall	A report shall be submitted to the director by the fifteenth day of January, April, July and October that gives the total number of components monitored during the previous three calendar months	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(T)(2)	shall	Any owner or operator of a petroleum refinery shall repair and retest any leaking component, which is tagged and identified in accordance with paragraph (T)(1)(e) of this rule, as soon as ...	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(T)(3)	shall	Any such process unit turnaround shall be required by means of an order issued by the director to the owner or operator of the petroleum refinery pursuant to division (R) of section 3704.03 of the Revised Code.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(T)(4)	shall	... of this rule or for any individual equipment component, finds equivalent to the federal requirements specified in 40 CFR part 60, subparts VV, VVa, GGG, GGGa and QQQ or 40 CFR part 63, subparts H and CC shall be acceptable to the director.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(U)	shall	If a miscellaneous metal parts or products coating is subject to two or more limits as listed in paragraphs (U)(1)(a) to (U)(1)(i) of this rule, the limit which is least restrictive shall apply.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(U)(2)	shall not	Paragraph (U)(1) of this rule shall not apply to the following: ...	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(U)(2)(e)(3)	shall not	The daily usage applicability levels specified in paragraphs (U)(2)(e)(i) to (U)(2)(e)(iii) of this rule shall not apply to coatings employed by the metal parts or products coating line on parts or products which are not metal.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(U)(2)(f)(2)	shall	The alternative limitation shall be the lowest emission limitation that the coating line is capable of meeting by the application of control technology that is reasonably available ...	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(U)(2)(f)(2)	shall	The alternative limitation shall be an emissions rate (e.g., pounds VOC per gallon) or overall per cent reduction ...	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(U)(2)(f)(ii)	shall not	... but shall not be in terms of mass per time (e.g., pounds per hour).	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(U)(2)(f)(iii)	shall	The installation permit shall contain terms and conditions that specify the control requirement or emission limitation that is the basis for the director's alternative limitation determination for the coating line, as described in paragraph (U)(2)(f)(ii) of this rule.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(U)(2)(h)	shall	... from all miscellaneous metal parts or products coating lines within the facility (pounds of VOC attributed to metal parts or products coating lines in which non-metal parts or products were being coated shall not count towards this daily limit).	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(U)(3)	shall	At automobile and light-duty truck assembly plants, paragraph (U)(1) of this rule also shall apply to the application of underbody antichip materials (e.g., underbody plastisol) and to metal surface coating operations ...	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(V)(1)	shall	Except where exempted under paragraph (V)(3) of this rule, each owner or operator of a gasoline tank truck shall comply with the following by the date specified in paragraph (C)(29) of rule 3745-21-04 of the Administrative Code:	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(V)(1)(h)	shall	Whenever any gasoline tank truck is removed from service for routine maintenance and repairs, the gasoline tank truck shall also be inspected/repaired in accordance with the following procedures:	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(V)(1)(h)(i)	shall	Inspect all dome cover gaskets to ensure they will properly seal against vapor releases. Any dome cover gasket shall be replaced if its integrity is in doubt	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(V)(1)(h)(ii)	shall	Open and close all dome covers to ensure that the latch tension is such that the cover will be held securely closed to prevent vapor releases. Any dome covers with inadequate latch tension shall be repaired or replaced.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(V)(1)(h)(iii)	shall	Inspect the fusible plugs in each dome cover assembly to ensure proper tightness. Any fusible plugs which are found to be loose or defective shall be tightened or replaced.	3704.03(E)	Yes	CAA 182	Yes	Yes	No

3745-21-09	(V)(1)(h)(iv)	shall	Inspect each vapor vent hood and sealing band for defects. If any defects are found, the defective vapor vent hood or sealing band shall be replaced with new components.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(V)(1)(h)(v)	shall	Inspect all vapor return hoses and any associated fittings and adaptors for defects that could allow vapor releases. If defects are found, the defective equipment shall be repaired or replaced.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(V)(1)(h)(vi)	shall	Inspect any pressure and vacuum relief vents located on the vapor recovery line to ensure that they are clean and in proper working order. If a relief vent is found to be defective, it shall be repaired or replaced.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(V)(2)	shall	... Any such test shall be required by means of an order issued by the director to the owner or operator of the gasoline tank truck pursuant to division (R) of section 3704.03 of the Revised Code.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(W)(1)	shall	Except where exempted under paragraph (W)(2) of this rule, each owner or operator of a synthesized pharmaceutical manufacturing facility shall comply with the following no later than the date specified in paragraph (C)(30) of rule 3745-21-04 of the Administrative Code:	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(X)(1)	shall	Except where exempted under paragraph (X)(2) of this rule, each owner or operator of a rubber tire manufacturing facility shall comply with the following no later than the date specified in paragraph (C)(31) of rule 3745-21-04 of the Administrative Code:	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(X)(2)	shall	Paragraph (X)(1) of this rule shall not apply to the following operations:	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(Y)(4)(a)	shall	Any owner or operator of a packaging rotogravure printing line or flexographic packaging printing line with potential emissions that are equal to or greater than 25.0 tons per year of VOC before the application of capture and control devices shall comply with either of the following for the printing line:	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(Y)(4)(b)	shall	Any person or facility subject to this rule that uses VOC-containing clean-up materials shall ensure that VOC emissions are minimized by incorporating the following procedures:	3704.03(E)	Yes	2007 CTG; Paper Film and Foil Coatings. CAA 182(a)(2)(A) CAA 182(b)(2)	Yes	Yes	No
3745-21-09	(Z)(1)	shall	Except where exempted under paragraph (Z)(3) of this rule, no owner or operator of an external floating roof tank shall place, store, or hold any petroleum liquid in any such tank after the date specified in paragraph (C)(33) of rule 3745-21-04 of the Administrative Code, unless the tank is designed or equipped as follows: ...	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(Z)(2)	shall	Except where exempted under paragraph (Z)(3) of this rule, each owner or operator of an external floating roof tank which contains a petroleum liquid shall meet the following inspection, recordkeeping and reporting requirements:	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(Z)(3)	shall	The following external floating roof tanks shall be exempted from paragraphs (Z)(1) and (Z)(2) of this rule: ...	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(Z)(4)	shall	Any owner or operator of an external floating roof tank that is not exempted pursuant to paragraph (Z)(3)(a) or (Z)(3)(b) of this rule shall maintain records of the following information in a readily accessible location for at least five years ...	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(Z)(4)	shall	... and shall make copies of the records available to the director upon verbal or written request: ...	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(Z)(5)	shall	If an owner or operator places, stores, or holds in an external floating roof tank, that is not exempted pursuant to paragraph (Z)(3)(a) or (Z)(3)(b) of this rule, any petroleum liquid with a true vapor pressure which is greater than 1.5 pounds per square inch absolute and such tank does not comply with paragraph (Z)(1) of this rule, the owner or operator shall so notify the director within thirty days of becoming aware of the occurrence.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(AA)(1)(e)	shall	All equipment shall be maintained so as to prevent the leaking of perchloroethylene liquid and prevent perceptible vapor leaks from gaskets, seals, ducts, and related equipment. Any equipment which is leaking perchloroethylene liquid or has a perceptible vapor leak is not to be operated until the leak is repaired.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(AA)(2)(a)	shall	Paragraphs (AA)(1)(a) to (AA)(1)(e) of this rule shall not apply to any dry cleaning operation which is coin-operated.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(AA)(2)(b)	shall	Paragraph (AA)(1)(a) of this rule shall not apply to any facility in which the owner or operator has satisfactorily demonstrated that a carbon adsorber or refrigerated condenser cannot be installed because of inadequate space.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(AA)(2)(c)	shall	Paragraph (AA)(1)(a) of this rule shall not apply to any facility in which the annual amount of fabric dry cleaned with perchloroethylene is less than sixty thousand pounds.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(AA)(3)	shall	Compliance with paragraph (AA)(1)(e) of this rule shall be determined by means of visual inspection of the following components:	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(AA)(4)	shall	Each owner or operator of a perchloroethylene dry cleaning facility shall maintain the following records in a readily accessible location for at least three years ...	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(AA)(4)	shall	... and shall make these records available to the director or an authorized representative of the director at any reasonable time:	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(BB)(1)(a)	shall	Any dryer for articles cleaned in petroleum solvent shall comply with one of the following:	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(BB)(1)(b)	shall	Any solvent filter for petroleum solvent shall comply with one of the following:	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(BB)(1)(c)	shall	Any bucket or barrel which contains petroleum solvent or petroleum solvent-laden waste shall be covered to minimize solvent evaporation.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(BB)(1)(d)	shall	Any equipment associated with the use of petroleum solvent shall be visually inspected weekly to identify any liquid leaks of petroleum solvent.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(BB)(1)(e)	shall	Any liquid or vapor leak of petroleum solvent shall be repaired within fifteen days after identifying the source of the leak, unless a necessary repair part is not on hand. If a repair part is not on hand, ...	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(BB)(1)(e)	shall	... it shall be ordered within three working days after identifying the source of the leak. ...	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(BB)(1)(e)	shall	The leak shall be repaired within fifteen days following the delivery of the necessary repair part.	3704.03(E)	Yes	CAA 182	Yes	Yes	No

3745-21-09	(BB)(2)	shall	Any owner or operator of a solvent recovery dryer subject to paragraph (BB)(1)(a) of this rule shall perform a test, in accordance with paragraph (N) of rule 3745-21-10 of the Administrative Code, to demonstrate the minimum length of time for operating the recovery cycle of the dryer.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(BB)(3)	shall	Paragraphs (BB)(1)(a), (BB)(1)(b), and (BB)(2) of this rule shall not apply to any petroleum dry cleaning facility that meets either of the following:	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(BB)(4)(a)	shall	Any owner or operator of a petroleum solvent dry cleaning facility that is exempted pursuant to paragraph (BB)(3)(b) of this rule shall maintain records of annual solvent consumption in a readily accessible location for at least five years ...	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(BB)(4)(a)	shall	... and shall make these records available to the director upon verbal or written request.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(BB)(4)(b)	shall	Any owner or operator of a petroleum solvent dry cleaning facility shall maintain records of the following information in a readily accessible location for at least five years ...	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(BB)(4)(b)	shall	... and shall make these records available to the director upon verbal or written request: ...	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(BB)(5)(a)	shall	Any test result that shows an exceedance of the limitation specified in paragraph (BB)(1)(a)(i), (BB)(1)(a)(ii), or (BB)(1)(b)(ii) of this rule shall be reported to the director within thirty days after the occurrence.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(BB)(5)(b)	shall	Any leaks in vapor or liquid lines that are not repaired within fifteen days after identification shall be reported to the director within thirty days after the repair is completed.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(BB)(5)(c)	shall	For any petroleum dry cleaning facility that is exempted pursuant to paragraph (BB)(3)(b) of this rule and has an annual consumption of petroleum solvent greater than four thousand seven hundred gallons, the owner or operator shall so notify the director within thirty days of becoming aware of the occurrence.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(DD)(1)	shall	... final product one or more of the organic chemicals identified in appendix A to this rule shall comply with paragraphs (DD)(2) to (DD)(6) of this rule no later than the date specified in paragraph (C)(38) of rule 3745-21-04 of the Administrative Code.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(DD)(2)(a)	shall	A leak detection and repair program for equipment in the process unit shall be developed and implemented in accordance with paragraphs (DD)(2)(b) to (DD)(2)(m) of this rule.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(DD)(2)(b)	shall	Except as otherwise provided in paragraphs (DD)(2)(c) and (DD)(2)(d) of this rule, equipment shall be monitored for leaks in accordance with the method specified in paragraph (F) of rule 3745-21-10 of the Administrative Code, as follows:	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(DD)(2)(b)(i)	shall	Any pump in light liquid service shall be monitored monthly.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(DD)(2)(b)(ii)	shall	Any valve in gas/vapor service or in light liquid service shall be monitored monthly, except that quarterly monitoring may be employed anytime after no leaks are detected during two consecutive months.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(DD)(2)(b)(ii)	shall	The quarterly monitoring shall begin with the next calendar quarter following the two consecutive months of no detected leaks ...	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(DD)(2)(b)(ii)	shall	.... and shall be conducted in the first month of each calendar quarter.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(DD)(2)(b)(ii)	shall	The quarterly monitoring may continue until a leak is detected, at which time monthly monitoring shall be employed again.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(DD)(2)(b)(iii)	shall	Any of the following equipment shall be monitored within five calendar days after evidence of a leak or potential leak from the equipment by visual, audible, olfactory, or other detection method	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(DD)(2)(b)(iv)	shall	Any equipment in which a leak is detected as described in paragraph (DD)(2)(g) of this rule shall be monitored within five working days after each attempt to repair, unless the owner or operator believes that the equipment was not successfully repaired.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(DD)(2)(e)	shall	Any pump in light liquid service shall be checked by visual inspection each calendar week for indications of liquids dripping from the pump seal, unless the pump is equipped with a closed vent system capable of transporting ...	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(DD)(2)(e)	shall	Any sensor employed pursuant to paragraph (DD)(2)(d)(ii) or (DD)(3)(b) of this rule shall be checked daily, unless the sensor is equipped with an audible alarm.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(DD)(2)(h)	shall	When a leak is detected as described in paragraph (DD)(2)(g) of this rule, the following procedures shall be followed:	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(DD)(2)(i)	shall	When a leak is detected as described in paragraph (DD)(2)(g) of this rule, the leaking equipment shall be repaired as soon as practicable, but no later than fifteen calendar days after the leak is detected, except for a delay of repair as provided in paragraph (DD)(11) of this rule. ...	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(DD)(2)(i)	shall	... Leaking equipment shall be deemed repaired if the maximum concentration measured pursuant to paragraph (DD)(2)(b)(iv) of this rule is less than ten thousand ppmv.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(DD)(2)(j)	shall	When a leak is detected as described in paragraph (DD)(2)(g) of this rule, a first attempt at repair shall be made no later than five calendar days after the leak is detected;	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(DD)(2)(j)	shall	... and the first attempts at repair shall include, but are not limited to, the following best practices where practicable:	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(DD)(2)(j)	shall	When a leak is detected as described in paragraph (DD)(2)(g) of this rule, the following information shall be recorded in a leak repair log: ...	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(DD)(2)(l)	shall	The leak repair log shall be retained by the owner or operator of the process unit in a readily accessible location for a minimum of two years after the date on which the record was made.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(DD)(2)(m)	shall	Semiannual reports shall be submitted to the director by the first day of February and August ...	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(DD)(2)(m)	shall	... and shall include the following information for the preceding semiannual periods:	3704.03(E)	Yes	CAA 182	Yes	Yes	No

3745-21-09	(DD)(3)(a)	shall	Except as otherwise provided in paragraphs (DD)(3)(c) to (DD)(3)(e) of this rule, any compressor in the process unit shall comply with paragraph (DD)(3)(b) of this rule.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(DD)(3)(b)	shall	The compressor shall be equipped with a seal that has a barrier fluid system and sensor which comply with paragraph (DD)(8) of this rule.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(DD)(4)(a)	shall	Except as otherwise provided in paragraph (DD)(4)(e) of this rule, any pressure relief device in gas/vapor service in the process unit shall comply with paragraphs (DD)(4)(b) to (DD)(4)(d) of this rule.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(DD)(4)(b)	shall	Except during pressure releases, the pressure relief device shall be operated with no detectable emissions, as indicated by an instrument reading of less than five hundred ppmv above background, as measured by the method specified in paragraph (F) of rule 3745-21-10 of the Administrative Code.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(DD)(4)(c)	shall	No later than five calendar days after a pressure release, the pressure relief device shall be tested to confirm the condition of no detectable emissions in accordance with the method specified in paragraph (F) of rule 3745-21-10 of the Administrative Code.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(DD)(4)(d)	shall	After each pressure release, the pressure relief device shall be returned to a condition of no detectable emissions as soon as practicable, but no later than five calendar days after the pressure release, except for a delay of repair as provided in paragraph (DD)(11) of this rule.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(DD)(5)(a)	shall	Except as otherwise provided in paragraph (DD)(5)(c) of this rule, any sampling connection system in the process unit shall comply with paragraph (DD)(5)(b) of this rule.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(DD)(5)(b)	shall	The sampling connection system shall be equipped with a closed purge system or a closed vent system that meets one of the following:	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(DD)(6)(a)	shall	Any open-ended valve or line in the process unit shall be equipped with a cap, blind flange, plug, or second valve ...	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(DD)(6)(a)	shall	... and shall comply with paragraphs (DD)(6)(b) to (DD)(6)(d) of this rule.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(DD)(6)(b)	shall	Except during operations requiring the flow of process fluid through the open-ended valve or line, the cap, blind flange, plug, or second valve shall seal the open end of the open-ended valve or line.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(DD)(6)(c)	shall	If equipped with a second valve, the open-ended valve or line shall be operated in a manner such that the valve on the process fluid end is closed before the second valve is closed.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(DD)(6)(d)	shall	If a double block and bleed system is being used, the bleed valve or line may remain open during operations that require venting the line between the block valves, but shall comply with paragraph (DD)(6)(b) of this rule at all other times.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(DD)(7)(a)	shall	Any equipment (pump, valve, or compressor) designated for no detectable emissions pursuant to paragraph (DD)(2)(d)(i), (DD)(2)(d)(iv) or (DD)(3)(c) of this rule shall comply with paragraphs (DD)(7)(b) to (DD)(7)(d) of this rule.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(DD)(7)(b)	shall	The equipment shall be operated with no detectable emissions as indicated by an instrument reading of less than five hundred ppmv above background as measured by paragraph (F) of rule 3745-21-10 of the Administrative Code.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(DD)(7)(c)	shall	The equipment shall be tested for compliance with paragraph (DD)(7)(b) of this rule initially upon designation and annually.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(DD)(7)(d)	shall	The designation of the equipment shall be signed by the owner or operator of the equipment in the log kept pursuant to paragraph (DD)(14)(b) of this rule.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(DD)(8)(a)	shall	When a pump or compressor is equipped with a seal that has a barrier fluid system and sensor which are employed to meet paragraph (DD)(2)(d)(ii) or (DD)(3)(a) of this rule, paragraphs (DD)(8)(b) to (DD)(8)(d) of this rule shall be met.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(DD)(8)(b)	shall	The barrier fluid system shall meet one of the following conditions:	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(DD)(8)(c)	shall	The barrier fluid system shall be in heavy liquid service ...	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(DD)(8)(c)	shall	... or shall not be in VOC service.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(DD)(8)(d)	shall	The barrier fluid system shall be equipped with a sensor that will detect failure of the seal system, the barrier fluid system, or both based on criteria determined by the owner or operator from design considerations and operating experience.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(DD)(9)(a)	shall	Any closed vent system that is used to comply with paragraph (DD)(2)(d)(iii), (DD)(3)(d), (DD)(4)(e), or (DD)(8)(b)(ii) of this rule shall comply with paragraphs (DD)(9)(b) to (DD)(9)(d) of this rule.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(DD)(9)(b)	shall	The closed vent system shall be designed and operated with no detectable emissions, as indicated by an instrument reading of less than five hundred ppmv above background, as measured by the method specified in paragraph (F) of rule 3745-21-10 of the Administrative Code.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(DD)(9)(c)	shall	The closed vent system shall be tested for compliance with paragraph (DD)(9)(b) of this rule initially and annually.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(DD)(9)(d)	shall	The closed vent system shall be operated at all times when emissions may be vented to it.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(DD)(10)(a)	shall	Any control equipment that is used to comply with paragraph (DD)(2)(d)(iii), (DD)(3)(d), (DD)(4)(e), (DD)(5)(b)(iii), (DD)(8)(b)(ii), or (DD)(11)(d)(ii) of this rule shall comply with paragraphs (DD)(10)(b) to (DD)(10)(f) of this rule.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(DD)(10)(b)	shall	If the control equipment is a vapor recovery system, the vapor recovery system shall be designed and operated to recover VOC emissions vented to the vapor recovery system with an efficiency of at least ninety-five per cent by weight.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(DD)(10)(c)	shall	If the control equipment is an enclosed combustion device, the enclosed combustion device shall be designed and operated to reduce the VOC emissions vented to the enclosed combustion device with an efficiency ...	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(DD)(10)(d)	shall	If the control equipment is a flare, the flare shall meet the following: ...	3704.03(E)	Yes	CAA 182	Yes	Yes	No

3745-21-09	(DD)(10)(d)(i)	shall	The flare shall be designed for and operated with no visible emissions as determined by USEPA method 22, except for periods not to exceed a total of five minutes during any one hundred twenty consecutive minutes.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(DD)(10)(d)(ii)	shall	The flare shall be operated with either an electric arc ignition system or a pilot flame.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(DD)(10)(d)(ii)	shall	If a pilot flame is employed, the flame shall be present at all times ...	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(DD)(10)(d)(ii)	shall	... and shall be monitored with a thermocouple or any other equivalent device to detect the presence of the pilot flame.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(DD)(10)(d)(ii)	shall	If an electric arc ignition system is employed, the arcing shall pulse continually ...	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(DD)(10)(d)(ii)	shall	... and shall be monitored to detect any failure.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(DD)(10)(d)(iii)	shall	The flare shall be steam-assisted, air-assisted or nonassisted.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(DD)(10)(d)(iv)	shall	The net heating value of the gas being combusted in the flare, as determined by the method specified in paragraph (P)(2) of rule 3745-21-10 of the Administrative Code, shall be three hundred Btu/scf or greater if the flare is steam-assisted or air-assisted, ...	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(DD)(10)(d)(iv)	shall	... or shall be two hundred Btu/scf or greater if the flare is nonassisted.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(DD)(10)(d)(v)	shall	Except as provided in paragraph (DD)(10)(d)(vi) of this rule, the flare shall be designed and operated with an actual exit velocity, as determined by the method specified in paragraph (P)(3) of rule 3745-21-10 of ...	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(DD)(10)(d)(vi)(a)	shall	The net heating value of the gas being combusted in the flare, as determined by the method specified in paragraph (P)(2) of rule 3745-21-10 of the Administrative Code, shall be greater than one thousand Btu/scf.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(DD)(10)(d)(vi)(b)	shall	The flare shall be designed and operated with an actual exit velocity, as determined by the method specified in paragraph (P)(3) of rule 3745-21-10 of the Administrative Code, less than four hundred feet per second.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(DD)(10)(e)	shall	The owner or operator of the control equipment shall monitor the control equipment to ensure that it is operated and maintained in conformance with its design.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(DD)(10)(f)	shall	The control equipment shall be operated at all times when emissions may be vented to it.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(DD)(11)(a)	shall	A delay of repair that is employed pursuant to paragraph (DD)(2)(i) or (DD)(4)(d) of this rule shall be allowed only as provided in paragraphs (DD)(11)(b) to (DD)(11)(f) of this rule.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(DD)(11)(b)	shall	A delay of repair shall be allowed if the repair is technically infeasible without a process unit shutdown.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(DD)(11)(b)	shall	However, the repair shall occur before the end of the next process unit shutdown.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(DD)(11)(c)	shall	A delay of repair shall be allowed for a piece of equipment that is isolated from the process and that does not remain in VOC service (for example, isolated from the process and properly purged).	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(DD)(11)(d)	shall	A delay of repair for a valve shall be allowed if the following occurs: ...	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(DD)(11)(e)	shall	A delay of repair for a pump shall be allowed if the following occurs: ...	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(DD)(11)(f)	shall	A delay of repair beyond a process unit shutdown shall be allowed for a valve if a valve assembly replacement is necessary during the process unit shutdown, valve assembly supplies have been depleted, and valve assembly supplies had been sufficiently stocked before the supplies were depleted.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(DD)(11)(f)	shall	A delay of repair beyond the next process unit shutdown shall not be allowed for that valve unless the next process unit shutdown occurs sooner than six months after the first process unit shutdown.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(DD)(12)(a)	shall	The alternative monitoring schedule shall be based on skipping quarterly monitoring periods provided the percentage of valves leaking is no more than 2.0.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(DD)(12)(a)	shall	... Any owner or operator who elects to implement an alternative monitoring schedule shall comply with paragraphs (DD)(12)(b) to (DD)(12)(h) of this rule.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(DD)(12)(b)	shall	The owner or operator shall notify the director prior to implementing this alternative monitoring schedule.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(DD)(12)(b)	shall	Such notification shall identify which valves will be subject to this alternative monitoring schedule and which work practice within paragraph (DD)(12)(e) of this rule will be implemented.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(DD)(12)(b)	shall	Any valve in vacuum service, in heavy liquid service, or not in VOC service, shall be excluded from this alternative monitoring schedule.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(DD)(12)(c)	shall	Any valve subject to this alternative monitoring schedule shall comply initially with the monitoring requirements specified in paragraph (DD)(2)(b)(ii) of this rule.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(DD)(12)(d)	shall	Any valve subject to this alternative monitoring schedule shall continue to be subject to paragraphs (DD)(2)(g) to (DD)(2)(m) of this rule.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(DD)(12)(f)	shall	If the percentage of valves leaking is greater than 2.0, the owner or operator shall comply with the monitoring requirements as specified in paragraph (DD)(2)(b)(ii) of this rule, but may again elect to use this alternative monitoring schedule.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(DD)(12)(g)	shall	The following information pertaining to valves subject to this alternative monitoring schedule shall be recorded in a log that is kept in a readily accessible location:	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(DD)(13)(a)	shall	... The alternative monitoring standard shall be based on maintaining the percentage of valves leaking at 2.0 or less.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(DD)(13)(a)	shall	... Any owner or operator who elects to implement an alternative monitoring standard shall comply with paragraphs (DD)(13)(b) to (DD)(13)(g) of this rule.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(DD)(13)(b)	shall	The owner or operator shall notify the director prior to implementing this alternative monitoring standard.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(DD)(13)(c)	shall	All valves in gas/vapor service or in light liquid service in the process unit shall be subject to this alternative monitoring standard, except for those valves which are designated as unsafe to monitor as provided in paragraph (DD)(2)(c)(ii) of this rule, those valves not in VOC service, and those valves in vacuum service.	3704.03(E)	Yes	CAA 182	Yes	Yes	No

3745-21-09	(DD)(13)(d)	shall	The percentage of valves leaking, as determined in accordance with paragraph (DD)(13)(f) of this rule, shall not exceed 2.0.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(DD)(13)(d)	shall	If the percentage of valves leaking is greater than 2.0, the owner or operator shall comply with the monitoring requirements as specified in paragraph (DD)(2)(b)(ii) of this rule, but may again elect to use this alternative monitoring standard.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(DD)(13)(e)	shall	All valves subject to this alternative monitoring standard shall be tested for compliance with paragraph (DD)(13)(d) of this rule initially upon implementation and annually.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(DD)(13)(f)	shall	A compliance test shall be conducted in the following manner: ...	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(DD)(13)(f)(i)	shall	All valves subject to this alternative monitoring standard shall be monitored for leaks within a one-week period by the method specified in paragraph (F) of rule 3745-21-10 of the Administrative Code.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(DD)(13)(f)(iii)	shall	The percentage of valves leaking shall be determined as the number of valves for which a leak is detected, divided by the number of valves monitored, and multiplied by one hundred.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(DD)(13)(g)	shall	When a leak is detected as described in paragraph (DD)(13)(f)(ii) of this rule, the leaking valve shall be repaired in accordance with paragraphs (DD)(2)(h) and (DD)(2)(i) of this rule.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(DD)(14)(a)	shall	Each owner or operator of a process unit as described in paragraph (DD)(1) of this rule shall comply with the recordkeeping requirements of paragraphs (DD)(14)(b) to (DD)(14)(g) of this rule.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(DD)(14)(b)	shall	The following information shall be recorded in a log that is kept in a readily accessible location:	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(DD)(14)(c)	shall	The following information pertaining to valves subject to an alternative monitoring schedule, as provided in paragraph (DD)(2)(c) of this rule, shall be recorded in a log that is kept in a readily accessible location:	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(DD)(14)(d)	shall	The following information pertaining to closed vent systems and control equipment described in paragraphs (DD)(9) and (DD)(10) of this rule shall be recorded and kept in a readily accessible location:	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(DD)(14)(e)	shall	The following information pertaining to barrier fluid systems and sensors described in paragraph (DD)(8) of this rule shall be recorded in a log that is kept in a readily accessible location:	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(DD)(14)(f)	shall	One of the following information for use in determining an exemption for the process unit as provided in paragraph (DD)(17)(a) of this rule shall be recorded in a log that is kept in a readily accessible location:	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(DD)(14)(g)	shall	The following information pertaining to specific equipment that are exempt as provided in paragraph (DD)(17)(b) of this rule shall be recorded in a log that is kept in a readily accessible location:	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(DD)(15)(a)	shall	Each owner or operator of a process unit as described in paragraph (DD)(1) of this rule shall comply with the reporting requirements specified in paragraphs (DD)(15)(b) to (DD)(15)(d) of this rule.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(DD)(15)(b)	shall	For compliance tests required under paragraphs (DD)(7)(c) and (DD)(9)(c) of this rule, paragraphs (A)(3) and (A)(4) of rule 3745-21-10 of the Administrative Code (pertaining to notification of intent to test) shall be met. ...	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(DD)(15)(b)	shall	... The results of such compliance tests shall be reported to the appropriate Ohio EPA district office or local air agency within thirty days after the test date.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(DD)(15)(c)	shall	The results of compliance tests required under paragraph (DD)(4)(c) of this rule shall be reported semiannually to the appropriate Ohio EPA district office or local air agency.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(DD)(15)(c)	shall	The semiannual reports shall be submitted by the first day of February and August ...	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(DD)(15)(c)	shall	... and shall include information for the preceding semiannual period.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(DD)(16)(a)	shall	If the director approves an equivalent requirement for a process unit, said requirement shall be specified in the special terms and conditions of an operating permit or variance issued by the director for the process unit.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(DD)(16)(b)	shall	The owner or operator applying for a determination of equivalency shall be responsible for collecting and verifying test data to demonstrate the proposed equivalence.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(DD)(16)(b)	shall	The equivalent requirement shall achieve a reduction in emissions of VOC at least equivalent to the reduction in emissions of VOC that would be achieved by compliance with the applicable requirements of paragraph (DD) of this rule.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(EE)(2)(a)	shall	Any process vent stream which is vented to a combustion device for which construction commenced prior to May 9, 1986, shall be exempt from paragraph (EE)(1) of this rule, provided the combustion device is operated and maintained in accordance with design specifications and good engineering practices. ...	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(EE)(2)(a)	shall	... This exemption shall terminate for such process vent stream if the combustion device is replaced with new control equipment for which construction commenced on or after May 9, 1986.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(EE)(2)(b)	shall	Any process vent stream or combination of process vent streams which has a total resource effectiveness value greater than 1.0 shall be exempt from paragraph (EE)(1) of this rule.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(EE)(2)(b)	shall	If an air oxidation process has more than one process vent stream, the total resource effectiveness shall be based upon a combination of the process vent streams.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(EE)(3)(a)	shall	The total resource effectiveness value for an air oxidation process shall be calculated in accordance with the following equations:	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(EE)(3)(b)	shall	The parameters used in the total resource effectiveness equations shall be measured at the outlet of the final product recovery device where VOC is reclaimed for beneficial reuse (recycle, sale or use in another part of the process).	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(EE)(4)	shall	The exhaust gases from any combustion device installed to meet paragraph (EE)(1) of this rule for a process vent stream containing chlorinated VOC shall be controlled by a scrubber which is designed and operated to remove at least ninety-nine per cent	3704.03(E)	Yes	CAA 182	Yes	Yes	No

3745-21-09	(FF)	shall	"Steelcraft Manufacturing Company" (facility ID 1431050879) or any subsequent owner or operator of "Steelcraft Manufacturing Company" facility located at 9017 Blue Ash road, Cincinnati, Ohio shall comply with the following by no later than the dates specified in paragraph (C)(40) of rule 3745-21-04 of the Administrative Code:	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(FF)(1)	shall	The VOC content of the adhesive coatings employed in the adhesive coating line for steel door panels and in the adhesive coating line for honeycomb paper shall not exceed 0.7 pound of VOC per gallon of adhesive coating, excluding water and exempt solvents.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(FF)(2)	shall	The uncontrolled VOC emissions from the steel door wipe cleaning operation shall be reduced and maintained below fourteen tons per year.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(FF)(2)	shall	The owner or operator shall keep monthly records which document the quantity and composition of the solvents used in the door wiping operation.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(FF)(2)	shall	These records shall be maintained at the facility for a period of three years.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(FF)(2)	shall	The owner or operator shall notify the director of any annual VOC emission rate that exceeds fourteen tons per year.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(FF)(2)	shall	A copy of the record showing the exceedance shall be submitted to the director within thirty days after the exceedance occurs.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(JJ)	shall	"OMNOVA Solutions Inc" (facility ID 1677010195) or any subsequent owner or operator of "OMNOVA Solutions Inc" facility located at 1380 Tech Way drive, Akron, Ohio shall comply, on and after May 25, 1988, with the following:	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(JJ)(1)	shall	The VOC emissions from the nitrile-butadiene rubber production operation shall be controlled by employing a continuous steam stripper following the degassing vessels to maximize the removal of residual monomers (acrylonitrile and butadiene).	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(JJ)(1)	shall	The continuous steam stripper shall be designed and operated to achieve a residual monomer content, as determined by "Goodyear Method E-826," of not greater than nine hundred parts per million by weight (total acrylonitrile and butadiene) in the polymer (rubber) blend tanks immediately following ...	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(JJ)(1)	shall	... and all exhaust gases from the stripper shall be vented to the butadiene recovery operation or to a flare system which complies with paragraphs (DD)(10)(d), (DD)(10)(e), and (DD)(10)(f) of this rule.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(JJ)(1)	shall	The owner or operator shall perform daily analyses of the residual monomer content in the polymer blend tanks ...	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(JJ)(1)	shall	... and shall maintain records of the results of the analyses at the facility for a period of three years.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(JJ)(1)	shall	The owner or operator shall notify the director of any residual monomer content that exceeds nine hundred parts per million by weight.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(JJ)(1)	shall	A copy of the record showing the exceedance shall be submitted to the director within forty-five days after the exceedance occurs.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(JJ)(2)	shall	The VOC emissions from the butadiene recovery operation shall be vented to a flare system which complies with paragraphs (DD)(10)(d), (DD)(10)(e), and (DD)(10)(f) of this rule.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(KK)	shall	"PMC Cincinnati, Inc." (facility ID 1431380075) or any subsequent owner or operator of the "PMC Cincinnati, Inc." facility located at 2000 West street, Cincinnati, Ohio shall comply, on and after May 25, 1988, with the following requirements for VOC emissions from the production of methyltin intermediates:	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(KK)(1)	shall	Each process used for the production of methyltin intermediates shall be equipped with a VOC recovery system which is designed and operated to achieve a control efficiency of at least seventy per cent, by weight, ...	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(KK)(1)	shall	The owner or operator shall on a daily basis determine the amount of VOC vented to the VOC vapor recovery system from the processes and the amount of VOC recovered.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(KK)(1)	shall	The overall recovery efficiency shall be calculated each week as the ratio of the total recovered VOC for the seven-day period from Monday through Sunday to the total VOC vented to the VOC recovery system for the same seven-day period.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(KK)(1)	shall	The ratio shall be expressed as a percentage.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(KK)(1)	shall	The ratio shall be calculated not later than the Monday following each seven-day period ...	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(KK)(1)	shall	... and the owner or operator shall maintain records of the calculations at the facility for a period of three years.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(KK)(1)	shall	The owner or operator shall notify the director of any weekly average control efficiency that is less than seventy per cent, by weight.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(KK)(1)	shall	A copy of the record showing the noncomplying weekly average control efficiency shall be submitted to the director within thirty days of the occurrence.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(KK)(2)	shall	The railcar unloading operation shall be a closed-loop system that uses compressed VOC from storage, rather than nitrogen, to unload the VOC in the railcar.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(LL)	shall	... "The Lubrizol Corporation" facility located at 155 Freedom road, Painesville, Ohio shall comply with the following requirements for VOC emissions from reactor processes no later than the date specified in paragraph (C)(46) of rule 3745-21-04 of the Administrative Code: ...	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(LL)(1)	shall	Except where exempted under paragraph (LL)(3) of this rule, any reactor process vent stream shall be vented to one of the following control equipment:	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(LL)(2)	shall	Any process wastewater stream from a reactor process shall be discharged to a wastewater separator that has all separator sections equipped with covers and seals which minimize the amount of VOC exposed to the ambient air.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(LL)(3)(a)	shall	... If the reactor process has more than one of these reactor process vent streams, the VOC emission rate shall be based upon a combination of such reactor process vent streams.	3704.03(E)	Yes	CAA 182	Yes	Yes	No

3745-21-09	(LL)(3)(a)	shall	In such cases, the owner or operator shall calculate the calendar month and rolling twelve-month VOC emissions from the reactor process vent streams and maintain records of the results of the calculations at the facility for a period of three years.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(LL)(3)(a)	shall	The owner or operator shall notify the director of any rolling twelve-month VOC emission calculation that exceeds five tons.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(LL)(3)(a)	shall	A copy of the record showing the exceedance shall be submitted to the director within thirty days after the exceedance occurs.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(LL)(3)(b)	shall	... This exemption shall terminate for such reactor process vent stream if the enclosed combustion device or flare is replaced with new control equipment for which construction commenced on or after May 25, 1988.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(LL)(3)(c)	shall	If the reactor process has more than one of these air bearing process vent streams, the total resource effectiveness value shall be based upon a combination of such reactor process vent streams.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(MM)	shall	"PPG Industries, Inc. - Cleveland" (facility ID 1318000101) or any subsequent owner or operator of the "PPG Industries, Inc. - Cleveland" facility located at 3800 West 143rd street, Cleveland, Ohio shall comply, on and after May 25, 1988, with the following requirements for the VOC emissions from the paint manufacturing operations and associated paint laboratory operations:	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(MM)(1)	shall	The paint manufacturing operations shall include the following equipment for the processing or use of solvent based or waterbased paint materials: mixing tanks for paint liquids and pigments, grinding mills, paint thinning ...	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(MM)(1)	shall	... and recovery equipment for the cleaning solvents. The paint laboratory operations shall include the following equipment for the processing or use of solvent based or waterbased paint materials: paint spray booths and associated ovens within the paint manufacturing quality control laboratory and the paint research laboratory.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(MM)(2)	shall	Except as otherwise provided in paragraph (MM)(4) of this rule, the VOC emissions from the equipment included within the paint manufacturing operations shall be vented either directly or ...	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(MM)(2)	shall	... by means of a building or local area exhaust to a control system which shall maintain compliance with any of the following:	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(MM)(3)	shall	Except as otherwise provided in paragraph (MM)(4) of this rule, the VOC emissions from the equipment included within the paint laboratory operations shall be vented to a control system ...	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(MM)(3)	shall	... which shall maintain compliance with a minimum control efficiency of ninety per cent by weight for the VOC emissions or a maximum outlet VOC concentration of twenty parts per million by volume (dry basis).	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(MM)(4)	shall	Paragraphs (MM)(2) and (MM)(3) of this rule shall not apply to any specific piece of equipment included within the paint manufacturing operations or the paint laboratory operations during each of the following situations:	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(MM)(5)	shall	The VOC control efficiency or outlet VOC concentrations shall be determined in accordance with paragraph (C) of rule 3745-21-10 of the Administrative Code.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(MM)(6)	shall	For a control system identified in paragraph (MM)(2) or (MM)(3) of this rule that employs incineration, the incineration temperature shall be determined by means of a continuous measurement and recording of such temperature.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(MM)(7)	shall	Any mixing or blending tank containing a paint material shall be equipped with a cover or lid that completely covers the opening of the tank, except for an opening no larger than necessary to allow for safe clearance for the mixer's shaft.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(MM)(7)	shall	... Such tank shall be covered at all times in which the tank contains a paint material except when operator access is necessary to add ingredients or take samples.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(MM)(8)	shall	... for which the owner or operator claims an exemption from paragraphs (MM)(2) and (MM)(3) of this rule, pursuant to paragraph (MM)(4) of this rule, the owner or operator shall keep daily records of the following information:	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(MM)(9)	shall	The owner or operator shall maintain the records required by paragraphs (MM)(6) and (MM)(8) of this rule at the facility for a period of three years.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(NN)	shall	"Von Roll Isola USA, Inc." facility located at 4853 West 130th street, Cleveland, Ohio shall not cause, allow or permit the discharge into the ambient air of any VOC from any mica coating or laminating line after the date specified in paragraph (C)(48) of rule 3745-21-04 of the Administrative Code unless the following are met:	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(NN)(1)	shall	Except as provided in paragraph (NN)(2) of this rule, each mica coating or laminating line shall be equipped with a VOC emission control system that is designed and operated to achieve a capture efficiency of one hundred per cent and a control destruction efficiency of at least ninety-five per cent	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(NN)(1)	shall	To meet the one hundred per cent capture efficiency requirement, each mica coating or laminating line shall employ a permanent total enclosure that complies with USEPA method 204 and paragraph (NN)(3) of this rule.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(NN)(1)	shall	For the VOC control device, the VOC control (destruction) efficiency shall be determined in accordance with paragraph (C) of rule 3745-21-10 of the Administrative Code.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(NN)(2)	shall	Paragraph (NN)(1) of this rule shall not apply to any mica coating or laminating line which employs less than five tons of VOC per year.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(NN)(2)	shall	In such case, the owner or operator shall keep monthly records that document the VOC emissions from the mica coating or laminating line.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(NN)(2)	shall	These records shall be maintained at the facility for a period of three years.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(NN)(2)	shall	The owner or operator shall notify the director of any annual VOC emission rate that equals or exceeds five tons per year.	3704.03(E)	Yes	CAA 182	Yes	Yes	No

3745-21-09	(NN)(2)	shall	A copy of the record showing the exceedance shall be submitted to the director within thirty days after the exceedance occurs.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(NN)(3)	shall	Each permanent total enclosure shall be maintained under negative pressure at a minimum differential pressure of 0.007 inch of water, as a three-hour average, at all times when the mica coating or laminating line is in operation.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(NN)(4)	shall	Monitoring devices and a recorder shall be employed to simultaneously and continuously measure and record the pressure inside and outside each permanent total enclosure.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(NN)(4)	shall	The monitoring and recording devices shall be calibrated, operated and maintained in accordance with the manufacturer's recommendations, with any modifications deemed necessary by the permittee.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(NN)(5)	shall	The owner or operator shall submit quarterly, deviation (excursion) reports that identify all three-hour blocks of time during which each permanent total enclosure was not maintained at the minimum pressure differential of 0.007 inch of water, as a three-hour average.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(OO)	shall	... "AK Steel Corporation" facility at 1801 Crawford street, Middletown, Ohio shall comply, on and after May 25, 1988, with the following VOC content limitations for the metal coil treatment operations, as determined under paragraph (B) of rule 3745-21-10 of the Administrative Code:	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(OO)(1)	shall	The VOC content of any rolling oil employed in the temper mills shall not exceed 6.9 pounds of VOC per gallon of oil, excluding water and exempt solvents.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(OO)(2)	shall	The VOC content of any rust preventive oil employed in the temper mills, shears, corrective rewinds, slitters, coating lines, and the pickle lines shall not exceed 3.3 pounds of VOC per gallon of oil, excluding water and exempt solvents.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(OO)(3)	shall	The VOC content of any anti-galling material employed in the aluminum coating operation shall not exceed 1.2 pounds of VOC per gallon of material, excluding water and exempt solvents.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(OO)(4)	shall	The VOC content of any prelube oil employed at the facility shall not exceed 0.8 pound of VOC per gallon of oil, excluding water and exempt solvents.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(PP)	shall	... "Formica Corporation - Evendale" facility located at 10155 Reading road, Cincinnati, Ohio shall comply, on and after May 25, 1988, with the either of the following requirements for the VOC emissions from each paper treater:	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(PP)(1)	shall	The VOC content of any coating employed in the paper treater shall not exceed 0.9 pound of VOC per gallon of coating, excluding water and exempt solvents, as determined under paragraph (B) of rule 3745-21-10 of the Administrative Code.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(PP)(2)	shall	The paper treater shall be equipped with a capture system and control system which are designed and operated to achieve an overall control efficiency of at least eighty-five per cent by weight for the VOC emissions, as determined under paragraph (C) of rule 3745-21-10 of the Administrative Code.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(QQ)	shall	... "Day-Glo Color Corp" facility located at 4515 St. Clair avenue, Cleveland, Ohio, shall comply with the following requirements by no later than the date specified in paragraph (C)(51) of rule 3745-21-04 of the Administrative Code:	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(QQ)(1)	shall	The filtration process which separates the methanol from the solid dye shall be a vacuum system which consists of a vacuum pump and condenser.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(QQ)(2)	shall	Each mixing vessel having a capacity of four hundred gallons or less shall be equipped with a lid that remains in place at all times unless the vessel is empty or being emptied.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(QQ)(2)	shall	The lid shall maintain contact along the entire perimeter of the vessel's rim ...	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(QQ)(2)	shall	.... and shall have no openings except as follows:	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(QQ)(2)(a)	shall	The opening for the mixer shaft shall be no larger than three inches in diameter	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(QQ)(2)(b)	shall	Any opening used for the addition of materials to the vessel shall be no more than one-fourth of the lid area in size ...	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(QQ)(2)(b)	shall	... and shall remain open only during the addition of materials.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(RR)	shall	.... "Sherwin-Williams Co." (facility ID 1318040267) or any subsequent owner or operator of the "Sherwin-Williams Co." facility located at 26300 Fargo avenue, Bedford Heights, Ohio shall comply with the following:	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(RR)(1)	shall	... can piercing operations at this facility, the total VOC emissions in any rolling twelve-month period shall not exceed 0.75 pound of VOC per one thousand aerosol cans produced.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(RR)(2)	shall	When a gashouse production line is in VOC operation, all VOC emissions from the gashouse production line, except during a safety diversion or emergency described under paragraph (RR)(8) of this rule, shall be vented to a thermal incinerator that is designed and operated with a destruction efficiency	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(RR)(2)	shall	The VOC propellant being purged shall be recovered and stored in a fuel tank of the thermal incinerator.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(RR)(3)	shall	... for any three-hour block of time when the gashouse is vented to the thermal incinerator, shall not be more than fifty degrees Fahrenheit below the average combustion temperature during the most recent emissions test of the thermal incinerator that demonstrated compliance with the VOC destruction efficiency specified in paragraph (RR)(2) of this rule.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(RR)(4)(a)(i)	shall	The owner or operator shall install, operate, and maintain a continuous temperature monitor and recorder that measures and records the combustion temperature within the thermal incinerator.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(RR)(4)(a)(i)	shall	The temperature monitor shall have a minimum accuracy of plus or minus one per cent of the temperature being monitored expressed in degrees Fahrenheit or plus or minus one degree Fahrenheit, whichever is greater.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(RR)(4)(a)(i)	shall	The temperature monitor and recorder shall be installed, calibrated, operated and maintained in accordance with the manufacturer's recommendations, with any modifications deemed necessary by the owner or operator.	3704.03(E)	Yes	CAA 182	Yes	Yes	No

3745-21-09	(RR)(4)(a)(ii)	shall	The owner or operator shall install, operate, and maintain a lower explosive limit (LEL) monitoring system that continuously measures and records the concentration of VOC and percent LEL within each gashouse line and the inlet vent to the thermal incinerator.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(RR)(4)(a)(ii)	shall	The LEL detectors shall have a minimum accuracy of plus or minus two per cent.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(RR)(4)(a)(ii)	shall	The LEL detectors shall be installed, calibrated, operated and maintained in accordance with the manufacturer's recommendations.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(RR)(4)(a)(ii)	shall	The owner or operator shall calibrate the LEL detectors once per month following the manufacturer's protocol ...	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(RR)(4)(a)(ii)	shall	.... and shall record the date and results of each calibration.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(RR)(4)(a)(iii)	shall	The owner or operator shall install, operate, and maintain mass flow meter that continuously measures and records the flow rate within each gashouse line.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(RR)(4)(a)(iii)	shall	The mass flow meters shall have a minimum accuracy of plus or minus 1.5 per cent.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(RR)(4)(a)(iii)	shall	The mass flow meters shall be installed, calibrated, operated and maintained in accordance with the manufacturer's recommendations.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(RR)(4)(a)(iii)	shall	The owner or operator shall check the mass flow meters once every six months for accuracy using a pilot tube ...	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(RR)(4)(a)(iii)	shall	... shall record the date and results of each accuracy check.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(RR)(4)(b)	shall	The owner or operator shall collect and record the following information for each day of gashouse operation:	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(RR)(4)(c)	shall	The owner or operator shall collect and record for each aerosol can production line at this facility the following production information each month:	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(RR)(4)(d)	shall	The owner or operator shall collect and record the following chemical and physical properties for the VOC liquids and VOC propellants used in the aerosol can production lines of this facility:	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(RR)(4)(e)	shall	The owner or operator shall calculate and record for each aerosol can production line at this facility the following information each month:	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(RR)(4)(f)	shall	The owner or operator shall collect and record for each can piercing operation at this facility the following information each month:	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(RR)(4)(g)	shall	The owner or operator shall record for all aerosol can production lines and can piercing operations combined at this facility the following information each month:	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(RR)(4)(h)	shall	The owner or operator shall collect and record for each aerosol can production line at this facility, the following information for each safety diversion event, as described in paragraph (RR)(8) of this rule:	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(RR)(4)(i)	shall	The records required by paragraphs (RR)(4)(a) to (RR)(4)(h) of this rule shall be maintained for a minimum of five years ...	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(RR)(4)(i)	shall	.... and shall be available for review by the director or any authorized representative of the director during normal business hours.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(RR)(5)(a)	shall	The owner or operator shall submit quarterly compliance status reports that include the following:	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(RR)(5)(b)	shall	The owner or operator shall submit to the appropriate Ohio EPA district office or local air agency the quarterly compliance status reports specified in paragraph (RR)(5)(a) of this rule.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(RR)(5)(b)	shall	These quarterly compliance status reports shall be submitted by April thirtieth, July thirty-first, October thirty-first, and January thirty-first	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(RR)(5)(b)	shall	.... and January thirty-first and shall cover the records for the previous calendar quarters.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(RR)(6)(a)(i)	shall	For liquid mixing operations, the monthly VOC emissions (pounds), E(mixing), shall be calculated as follows:	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(RR)(6)(a)(ii)	shall	For loading VOC liquid into a mixing tank, the monthly VOC emissions shall be calculated, based on the ideal gas law and displacement of saturated vapors at seventy degrees Fahrenheit (twenty-one degrees Celsius), as follows:	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(RR)(6)(a)(iii)	shall	For venting of VOC liquids during mixing, the monthly VOC emissions shall be calculated, based on the ideal gas law and venting of saturated vapors at eighty degrees Fahrenheit (twenty-seven degrees Celsius), as follows:	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(RR)(6)(a)(iv)	shall	An alternative method for calculating the monthly emissions rate for liquid mixing operations shall be as follows:	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(RR)(6)(a)(v)	shall	If for any month in which the use of the alternative method described in paragraph (RR)(6)(a)(iv) of this rule shows noncompliance with the VOC emission limit, the method described in paragraphs (RR)(6)(a)(i) to (RR)(6)(a)(iii) of this rule shall be used to calculate monthly emissions for liquid mixing operations.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(RR)(6)(b)(i)	shall	For the liquid filling of aerosol cans, the monthly VOC emissions (pounds) shall be calculated, based on the ideal gas law and displacement of saturated vapors at seventy degrees Fahrenheit (twenty-one degrees Celsius) as follows:	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(RR)(6)(b)(iii)	shall	.... paragraph (RR)(6)(b)(ii) of this rule shows noncompliance with the VOC emission limit, the method described in paragraph (RR)(6)(b)(ii) of this rule shall be used to calculate monthly emissions for liquid filling of aerosol cans.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(RR)(6)(c)(i)	shall	For the gasser operations, the monthly VOC emissions in pounds), EG(total), shall be calculated as follows:	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(RR)(6)(c)(ii)	shall	For the filling of aerosol cans with VOC propellant and the purging of lines containing VOC propellant, the monthly VOC emissions for filling and line purging shall be calculated as follows:	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(RR)(6)(c)(iii)	shall	For gasser operations equipped with a thermal incinerator in which the VOC emissions from the filling of aerosol cans with VOC propellant are vented to the thermal incinerator and the line purging of VOC propellant is recovered for use as a fuel in the thermal incinerator, the monthly VOC emissions for filling and line purging shall be calculated as follows:	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(RR)(6)(c)(iv)	shall	The amount of VOC emissions in pounds for a safety diversion event EG(event) shall be calculated as follows:	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(RR)(6)(d)	shall	For the manual aerosol can cleaning operations (can brushing operations), VOC emissions shall be equal to the mass of VOC solvent consumed in the operation.	3704.03(E)	Yes	CAA 182	Yes	Yes	No

3745-21-09	(RR)(6)(d)	shall	The monthly VOC emissions from can brushing shall be calculated as the sum of VOC emissions for all solvents consumed during that month.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(RR)(6)(e)(i)	shall	For the can piecing operations, monthly VOC emissions shall be the total VOC emissions from propellants plus the total VOC emissions from liquid recovery.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(RR)(6)(e)(iii)	shall	... The VOC emissions from the liquids shall be calculated, based on the ideal gas law and displacement of saturated vapors at eighty degrees Fahrenheit (twenty-seven degrees Celsius) for liquid flowing into a recovery drum or vessel, using the following formulas:	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(RR)(7)	shall	The owner or operator shall conduct, or have conducted, emissions testing for the thermal incinerator to demonstrate the thermal incinerator's mass emission rate, destruction efficiency, and overall control efficiency for VOC emissions from this facility's gashouse operations in accordance with the following:	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(RR)(7)(a)	shall	The emissions testing shall be conducted within six months of March 12, 2006, unless emissions testing had been conducted within three years prior to March 12, 2006 and the emissions testing demonstrated compliance with paragraph (RR)(2) of this rule.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(RR)(7)(b)	shall	For the emissions testing, the owner or operator shall meet the general provisions of paragraph (A) of rule 3745-21-10 of the Administrative Code.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(RR)(7)(c)	shall	The emissions testing shall be conducted in accordance with the test methods in paragraph (C) of rule 3745-21-10 of the Administrative Code with the concentration of VOC in the thermal incinerator's inlet and outlet gas streams determined by means of USEPA method 25 or USEPA method 25A.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(RR)(7)(d)	shall	The emission testing to determine the VOC capture efficiency of the vapor collection system used to transport VOC emissions from the facility's gashouse operations (propellant filling of aerosol cans and propellant line purging) to the thermal incinerator shall be conducted by means of the test methods specified in paragraph (C)(3)(c) of rule 3745-21-10 of the Administrative Code.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(RR)(7)(e)	shall	The emission testing shall be conducted while the facility's gashouse is operating at or near its maximum capacity, unless otherwise specified or approved by the appropriate Ohio EPA district office or local air agency.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(RR)(7)(f)	shall	The overall control efficiency of the thermal incinerator for VOC shall be the destruction efficiency times the capture efficiency divided by one hundred.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(RR)(7)(f)	shall	The mass emission rate of the thermal incinerator, expressed in pounds VOC per thousand aerosol cans produced, shall be the hourly mass emission rate (pounds VOC per hour) divided by the hourly production rate (one thousand cans per hour).	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(RR)(8)(a)	shall	.... Safety diversion events are less than five minutes and shall be included in the determination of compliance with the monthly VOC emission limitation of 0.75 pound VOC per thousand aerosol cans produced.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(RR)(8)(b)	shall	.... The owner or operator shall maintain a record of the emergency events.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(RR)(8)(c)	shall	The VOC emissions for a safety diversion event shall be calculated based on the average concentration of the LEL detectors associated with the gashouse line, the flow rate of the gashouse line (measured with a mass flow meter), the propellant being filled, and the length of the event (seconds).	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(RR)(8)(d)	shall	The owner or operator shall calibrate the LEL detectors once per month following the manufacturer's protocol ...	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(RR)(8)(d)	shall	... and shall check the flow meters once every six months for accuracy using a pilot tube.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(SS)	shall	On and after March 31, 1993, "Ritrama Duramark" (facility ID 1318007355) or any subsequent owner or operator of the "Ritrama Duramark" facility located at 341 Eddy road, Cleveland, Ohio shall not cause, allow or permit the discharge into the ambient air of any VOC from the vinyl film casting line unless all of the VOC emissions are vented to an incinerator that is designed and operated ...	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(UU)	shall	"BP-Husky Refining LLC" (facility ID 0448020007) or any subsequent owner or operator of the "BP-Husky Refining LLC" facility located at 4001 Cedar Point road, Oregon, Ohio shall comply with the following requirements for VOC emissions:	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(UU)(1)	shall	On and after the date specified in paragraph (C)(55)(a) of rule 3745-21-04 of the Administrative Code, all VOC emissions from the SPOP waterwash tower spentwash flash drum and the POLY waterwash tower spentwash flash drum shall be vented to a flare that complies with paragraphs (DD)(10)(d) to (DD)(10)(f) of this rule.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(UU)(2)	shall	On and after the date specified in paragraph (C)(55)(b) of rule 3745-21-04 of the Administrative Code, all VOC emissions from the alkyl 1 blowdown drum and the alkyl 2 blowdown drum shall be vented to a flare that complies with paragraphs (DD)(10)(d) to (DD)(10)(f) of this rule.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(UU)(3)	shall	On and after the date specified in paragraph (C)(55)(b) of rule 3745-21-04 of the Administrative Code, all VOC emissions from the cokers 1 and 2 blowdown drum shall be vented to a flare that complies with paragraphs (DD)(10)(d) to (DD)(10)(f) of this rule.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(UU)(4)	shall	On and after the date specified in paragraph (C)(55)(c) of rule 3745-21-04 of the Administrative Code, all process wastewater from the crude desalter shall be discharged to a steam stripper for the recovery of condensable hydrocarbons,	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(UU)(4)	shall	... and all VOC emissions from the steam stripper shall be vented to a flare that complies with paragraphs (DD)(10)(d) to (DD)(10)(f) of this rule.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(UU)(5)	shall	On and after the date specified in paragraph (C)(55)(d) of rule 3745-21-04 of the Administrative Code, the barometric condensers and hot wells serving crude vacuum unit 1 and associated with cooling tower cell 6 shall be replaced with surface condensers (shell and tube heat exchangers).	3704.03(E)	Yes	CAA 182	Yes	Yes	No

3745-21-09	(UU)(6)	shall	On and after the date specified in paragraph (C)(55)(e) of rule 3745-21-04 of the Administrative Code, the barometric condensers and hot wells serving crude vacuum unit 2 and associated with cooling tower cell 7 shall be replaced with surface condensers (shell and tube heat exchangers).	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(VV)	shall	"Marathon Petroleum Company LP - Canton Refinery" (facility ID 1576002006) or any subsequent owner or operator of the "Marathon Petroleum Company LP - Canton Refinery" facility located at 2408 Gambrinus road, S.W., Canton, Ohio shall comply with the following requirements for VOC emissions:	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(VV)(2)	shall	On and after March 31, 1993, all VOC emissions from the asphalt oxidizer shall be vented to an enclosed combustion device that is operated to reduce the VOC emissions by at least ninety-five per cent, by weight, as determined under paragraph (C) of rule 3745-21-10 of the Administrative Code.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(YY)	shall	"PMC Specialties Group" (facility ID 1431390137) or any subsequent owner or operator of the "PMC Specialties Group" facility located at 501 Murray road, Cincinnati, Ohio shall comply with the following requirements by no later than the dates specified in paragraph (C)(59) of rule 3745-21-04 of the Administrative Code:	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(YY)(1)	shall	Any VOC emissions from the reactor process vent streams from the methyl anthranilate and anthranilic acid manufacturing operations shall be vented to an enclosed combustion device that is designed and operated to reduce	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(YY)(2)	shall	For the OCBS fine chemicals system II process, the VOC emissions from the centrifuge vent shall not exceed twelve pounds of VOC per six thousand pounds of product, as determined under paragraph (C) of rule 3745-21-10 of the Administrative Code.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(ZZ)	shall	Firestone Polymers" facility located at 381 West Wilbeth road, Akron, Ohio shall comply with the following requirements for the VOC emissions from the reactor processes no later than the date specified in paragraph (C)(60) of rule 3745-21-04 of the Administrative Code:	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(ZZ)(1)	shall	Except where exempted under paragraph (ZZ)(2) of this rule, each reactor process vent stream shall be vented to one of the following control equipment:	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(ZZ)(2)(a)	shall	... This exemption shall terminate if the enclosed combustion device or flare is replaced with new control equipment for which construction commenced on or after March 31, 1993.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(ZZ)(2)(b)	shall	If the reactor process has more than one of these air-bearing process vent streams, the total resource effectiveness value shall be based upon a combination of those air-bearing reactor process vent streams.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(BBB)	shall	... "Emerald Performance Materials, LLC" facility located at 240 West Emerling avenue, Akron, Ohio shall comply with the following requirements by no later than the date specified in paragraph (C)(62) of rule 3745-21-04 of the Administrative Code:	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(BBB)(1)	shall	... except wash kettles (or still feed) condenser vents, stills vacuum jet tailpipe vents, and process emergency safety relief devices, shall be vented to a flare that meets paragraphs (DD)(10)(d) to (DD)(10)(f) of this rule.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(BBB)(2)	shall	For the superlite (trademark) process, the VOC emissions from the reactor process vent streams, except the process emergency safety relief devices, shall be vented to a control device that is designed and operated to achieve a control efficiency of at least ninety-five per cent, by weight, as determined under paragraph (C) of rule 3745-21-10 of the Administrative Code.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(BBB)(3)	shall	... except the emulsion recovery system tank vent, recovered MND tank vent, and process emergency safety relief devices, shall be vented to a control device that is designed and operated to achieve a control efficiency of at least ninety-five per cent, by weight, as determined under paragraph (C) of rule 3745-21-10 of the Administrative Code.	3704.03(E)	Yes	caa 182	Yes	Yes	No
3745-21-09	(BBB)(4)	shall	... the north and south still jet vents and process emergency safety relief devices, shall be vented to a control device that is designed and operated to achieve a control efficiency of at least ninety-four per cent, by weight, as determined under paragraph (C) of rule 3745-21-10 of the Administrative Code.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(DDD)(1)(a)	shall	... The vapor control system shall employ only coaxial hoses, ...	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(DDD)(1)(a)	shall	... and the use of remote check valves shall be prohibited.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(DDD)(1)(d)	shall	... The operating instructions shall clearly describe how to properly fuel motor vehicles ...	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(DDD)(1)(d)	shall	... and shall specifically prohibit the topping off of the motor vehicle fuel tank.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(DDD)(2)(a)	shall	Except as otherwise provided in paragraph (DDD)(2)(h) of this rule, within sixty days after the installation or modification of a vapor control system required pursuant to paragraph (DDD)(1) of this rule, the owner or operator of the gasoline dispensing facility shall perform and comply with the following tests:	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(DDD)(2)(a)(i)	shall	A leak test shall be performed in accordance with the test procedures contained in paragraph (Q) of rule 3745-21-10 of the Administrative Code to quantify the vapor tightness of the vapor control system. ...	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(DDD)(2)(a)(i)	shall	... The vapor control system shall comply with the leak rate criteria specified in the test procedures.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(DDD)(2)(a)(ii)	shall	A dynamic pressure performance test shall be performed in accordance with the test procedures contained in paragraph (R) of rule 3745-21-10 of the Administrative Code to determine the pressure drop through the vapor control system at prescribed flow rates.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(DDD)(2)(a)(ii)	shall	... The vapor recovery system shall comply with the dynamic back pressures shown in the following table:	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(DDD)(2)(b)	shall	For purposes of paragraph (DDD)(2)(a) of this rule, the modification of a vapor control system shall include the following:	3704.03(E)	Yes	CAA 182	Yes	Yes	No

3745-21-09	(DDD)(2)(c)	shall	Not later than thirty days prior to any tests required pursuant to paragraphs (DDD)(2)(a) and (DDD)(2)(d) of this rule, the owner or operator of the gasoline dispensing facility shall submit a test notification to the appropriate Ohio EPA district office or local air agency.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(DDD)(2)(c)	shall	The test notification shall describe the proposed test methods and procedures, the time and date of the tests, and the person who will be conducting the tests.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(DDD)(2)(c)	shall	Personnel from the appropriate Ohio EPA district office or local air agency shall be permitted to witness the tests, examine the testing equipment, and acquire data and information during the tests.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(DDD)(2)(c)	shall	After completion of any tests, the owner or operator shall complete the post test inspection form contained in appendix C to rule 3745-21-10 of the Administrative Code ...	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(DDD)(2)(c)	shall	... and a comprehensive written report on the results of the tests shall be submitted to the appropriate Ohio EPA district office or local air agency within thirty days following the completion of the tests.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(DDD)(2)(d)	shall	At intervals not to exceed five years, the owner or operator of the gasoline dispensing facility shall repeat and demonstrate compliance with the tests specified in paragraph (DDD)(2) of this rule.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(DDD)(2)(f)	shall	The owner or operator of the gasoline dispensing facility shall perform and comply with any vapor control system tests specified in the applicable CARB certification. ...	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(DDD)(2)(f)	shall	The tests shall be performed at the frequency specified in such certification.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(DDD)(2)(h)	shall	Any vapor control system required by paragraph (DDD)(1) of this rule at an automobile or light-duty truck assembly plant that has not been tested in accordance with paragraph (DDD)(2)(a) of this rule as of January 17, 1995, shall be tested in accordance with paragraph (DDD)(2)(a) of this rule by July 17, 1995.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(DDD)(3)	shall	Any owner or operator of a gasoline dispensing facility which is subject to paragraph (DDD)(1) of this rule shall maintain the following records:	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(DDD)(3)(b)	shall	All records shall be retained by the owner or operator for a period of not less than three years ...	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(DDD)(3)(b)	shall	... and shall be made available to the director or any authorized representative of the director for review during normal business hours.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(DDD)(4)(a)	shall	Paragraph (DDD)(1) of this rule shall not apply to any gasoline dispensing facility which has a monthly gasoline throughput of less than ten thousand gallons per month or to any gasoline dispensing facility which is owned by an independent small business marketer and which has a monthly gasoline throughput of less than fifty thousand gallons per month. ...	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(DDD)(4)(a)	shall	The monthly gasoline throughput shall be based upon the average monthly sales of gasoline during the period from November 16, 1990 through November 15, 1992; ...	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(DDD)(4)(a)	shall	This exemption shall cease to apply to a facility if during any calendar month after November 15, 1992, the gasoline throughput equals ...	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(DDD)(4)(a)	shall	Furthermore, this exemption shall not apply to any facility which installed a vapor control system pursuant to paragraph (DDD)(1) of this rule and the monthly gasoline throughput subsequently falls below ten thousand gallons per month or, if owned by an independent small business marketer, fifty thousand gallons per month.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(DDD)(4)(b)	shall	Paragraph (DDD)(1) of this rule shall not apply to marinas and aircraft refueling stands.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(DDD)(4)(c)	shall	Paragraphs (DDD)(1)(a) and (DDD)(1)(b) of this rule that refer to a CARB certification shall not apply to any vapor control system at an automobile or light-duty truck assembly plant.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(DDD)(4)(d)	shall	Paragraph (DDD)(1) of this rule shall not apply to any motor vehicle fueling or refueling operation which is located at an automobile or light-duty truck assembly plant or heavier vehicle assembly facility and which, considered alone, has a monthly gasoline throughput of less than ten thousand gallons per month.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(DDD)(4)(d)	shall	Any gasoline dispensers located within two hundred feet from each other shall be considered as one operation for the purpose of this exemption.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(DDD)(4)(e)	shall	Paragraph (DDD)(1) of this rule shall not apply to any gasoline dispensing pump that is used solely for the dispensing of E85, a gasoline with an ethanol content of fifty-one to eighty-three per cent by volume.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(DDD)(4)(f)	shall	Paragraph (DDD)(1) of this rule shall not apply to any gasoline dispensing facility where gasoline is dispensed to a fleet of motor vehicles in which ninety-five per cent or more of the fleet of motor vehicles being fueled with gasoline is equipped with onboard refueling vapor recovery.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(DDD)(4)(f)	shall	If the gasoline dispensing facility is located at a motor vehicle assembly plant, the fleet of produced motor vehicles being initially fueled with gasoline shall be considered separate from any fleet of motor vehicles being refueled with gasoline. ...	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(DDD)(4)(f)	shall	The owner or operator of a gasoline dispensing facility claiming this exemption shall maintain records documenting that at least ninety-five per cent of the fleet of motor vehicle being fueled with gasoline are equipped with onboard refueling vapor recovery. ...	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(DDD)(4)(f)	shall	These records shall be retained by the owner or operator for a period of not less than five years	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(DDD)(4)(f)	shall	... and shall be made available to the director or any authorized representative of the director for review.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(DDD)(4)(g)(i)(b)(ii)	shall	The system shall comply with the leak rate criteria specified in the test procedures.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(DDD)(4)(g)(i)(b)(iii))	shall	The certification statement shall be submitted within thirty days after the leak test is conducted.	3704.03(E)	Yes	CAA 182	Yes	Yes	No

3745-21-09	(DDD)(4)(g)(ii)	shall	Paragraph (DDD)(1) of this rule shall not apply to a "new gasoline dispensing facility" if the facility does both of the following:	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(DDD)(5)(a)	shall	This suspension shall remain in effect until a violation of the ambient air quality standard for ozone is measured in the area or the USEPA disapproves the redesignation request.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(DDD)(5)(d)(iii)	shall	Decommissioning shall be conducted in accordance with Petroleum Equipment Institute's guidance, "Recommended Practices for Installation and Testing of Vapor Recovery Systems at Vehicle Refueling Sites	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(DDD)(5)(d)(iv)	shall	... Documentation of the use of low permeation hoses shall be retained for a period of not less than three years ...	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(DDD)(5)(d)(iv)	shall	.... and shall be made available to the director or the director's authorized representative for review within seven business days of a request.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(DDD)(5)(e)	shall	No later than January 1, 2017, all gasoline dispensing facilities equipped with stage II vapor control systems shall have decommissioned the stage II vapor control systems in accordance with the procedures outlined in paragraph (DDD)(5)(d) of this rule. ...	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(DDD)(5)(e)	shall	The gasoline dispensing facility shall receive written authorization from the director in order to extend the decommissioning deadline.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(DDD)(1)(d)	prohibit	Operating instructions for the vapor control system are conspicuously posted in each gasoline dispensing area. The operating instructions shall clearly describe how to properly fuel motor vehicles and shall specifically prohibit the topping off of the motor vehicle fuel tank. (2)	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(T)(3)	require	The director may require a process unit turnaround to occur earlier than the normally scheduled date if the number and severity of leaking components awaiting a turnaround warrant such action.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(V)(2)	require	The director may require any gasoline tank truck to be tested in accordance with the applicable method specified in paragraph (G) of rule 3745-21-10 of the Administrative Code within a reasonable period of time.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(W)(1)(f)	require	Any in-process tank which contains a VOC is to be equipped with a cover which remains closed, except when production, sampling, maintenance or inspection procedures require access to said tank.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(DD)(6)(d)	require	If a double block and bleed system is being used, the bleed valve or line may remain open during operations that require venting the line between the block valves, but shall comply with paragraph (DD)(6)(b) of this rule at all other times.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(DDD)(2)(e)	require	The director may require the owner or operator of a gasoline dispensing facility to perform other tests that have been authorized by the USEPA if such tests are necessary to demonstrate the adequacy of a vapor control system.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(T)(1)(c)(i)(c)	requires	The owner or operator of the valve has a written plan that requires monitoring of the valve at least once per year.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(T)(1)(c)(ii)(b)	requires	The owner or operator of the valve adheres to a written plan that requires monitoring of the valve as frequently as practical during process unit turnarounds and other safe to monitor times.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(DD)(2)(c)(i)(c)	requires	The owner or operator of the valve has a written plan that requires monitoring of the valve at least once per year.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(DD)(2)(c)(ii)(b)	requires	The owner or operator of the valve adheres to a written plan that requires monitoring of the valve as frequently as practical during safe to monitor times.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(DD)(11)(e)(i)	requires	The repair requires the use of a dual mechanical seal system and associated barrier fluid system.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(DDD)(2)(b)(ii)	requires	Any change which requires an installation permit pursuant to rule 3745-31-02 of the Administrative Code.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(DDD)(4)(a)	requires	The director also may suspend the requirements of this paragraph in the event that the USEPA promulgates or a federal court of last resort requires the USEPA to promulgate onboard (on-the-vehicle) refueling control standards pursuant to Section 202(a)(6) of the Clean Air Act contained in 42 USC 7521(a)(6), unless the director determines that the stage II vapor control program is necessary	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(B)(3)(vii)(b)	required	Records required by an inspection and maintenance plan for the catalytic incinerator that meets paragraph (S) of rule 3745-21-10 of the Administrative Code.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(B)(3)(i)(iii)(b)	required	Records required by an inspection and maintenance plan for the catalytic incinerator that meets paragraph (S) of rule 3745-21-10 of the Administrative Code.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(B)(3)(m)	required	Any owner or operator of a coating line or printing line referenced in paragraphs (B)(3)(j) and (B)(3)(l) of this rule shall submit to the director quarterly summaries of the records required by paragraphs (B)(3)(j)(v) to (B)(3)(j)(viii) and (B)(3)(l) of this rule.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(B)(3)(m)	required	... of this rule shall install and operate continuous monitoring and recording devices (i.e., for temperature or VOC concentration) and, if necessary, perform emission tests for the coating line or printing line to enable the recordkeeping required by paragraphs (B)(3)(j)(vi) to (B)(3)(j)(viii) and (B)(3)(l)(ii) to (B)(3)(l)(iv) of this rule.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(B)(4)(b)(iii)(b)	required	Records required by an inspection and maintenance plan for the catalytic incinerator that meets paragraph (S) of rule 3745-21-10 of the Administrative Code.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(B)(4)(c)	required	Any owner or operator of a source referenced in paragraph (B)(4)(a) of this rule shall submit to the director quarterly summaries of the records required by paragraph (B)(4)(b) of this rule.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(B)(4)(d)	required	.... VOC concentration, arcing of an electric arc ignition system, or presence of a pilot flame) and, if necessary, perform emission tests for the source to enable the recordkeeping required by paragraph (B)(4)(b) of this rule.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(C)(8)(g)(ii)	required	Records required by an inspection and maintenance plan for the catalytic incinerator that meets paragraph (S) of rule 3745-21-10 of the Administrative Code.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(L)(1)(d)	required	Other means for reducing the emission of VOC into the ambient air as may be required by the director.	3704.03(E)	Yes	CAA 182	Yes	Yes	No

3745-21-09	(N)(4)(b)	required	The records required by paragraph (N)(4)(a) of this rule shall be maintained for a minimum of two years and shall be available for review by the director or authorized representative during normal business hours.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(T)(1)(e)	required	If a leak is identified as a result of the monitoring program required by paragraph (T)(1)(a) of this rule and the concentration of VOC exceeds ten thousand parts per million by volume, a tag shall immediately be placed on the leaking component.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(T)(3)	required	... Any such process unit turnaround shall be required by means of an order issued by the director to the owner or operator of the petroleum refinery pursuant to division (R) of section 3704.03 of the Revised Code.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(V)(1)(d)	required	A copy of the test record required in paragraph (V)(1)(c) of this rule is to be retained by the owner or operator of the tank truck for a minimum of two years after the date on which the test was conducted.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(V)(1)(e)	required	A copy of the test record required in paragraph (V)(1)(c) of this rule is to immediately be made available to the director, or an authorized representative of the director, upon verbal or written request, at any reasonable time.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(V)(1)(f)(i)	required	A copy of the test record required in paragraph (V)(1)(c) of this rule is kept in the gasoline tank truck.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(V)(2)	required	Any such test shall be required by means of an order issued by the director to the owner or operator of the gasoline tank truck pursuant to division (R) of section 3704.03 of the Revised Code.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(Z)(2)(e)	required	Provide immediately to the director or an authorized representative of the director, upon written or verbal request at any reasonable time, a copy of the record required under paragraph (Z)(2)(d) of this rule.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(DD)(14)(b)(v)	required	For compliance tests required under paragraphs (DD)(4)(c), (DD)(7)(c), and (DD)(9)(c) of this rule, the following:	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(DD)(14)(d)(iii)	required	A description of the parameter or parameters monitored, as required in paragraph (DD)(10)(d) of this rule, to ensure that the control equipment is operated and maintained in conformance with its design, and an explanation of the reason for selecting such parameter or parameters.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(DD)(14)(e)(ii)	required	The criteria that indicate failure of the seal system, the barrier fluid system, or both, as required in paragraph (DD)(8)(d) of this rule and an explanation of the criteria.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(DD)(15)(b)	required	For compliance tests required under paragraphs (DD)(7)(c) and (DD)(9)(c) of this rule, paragraphs (A)(3) and (A)(4) of rule 3745-21-10 of the Administrative Code (pertaining to notification of intent to test) shall be met.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(DD)(15)(c)	required	The results of compliance tests required under paragraph (DD)(4)(c) of this rule shall be reported semiannually to the appropriate Ohio EPA district office or local air agency.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(DD)(15)(c)	required	Any semiannual reports required under paragraph (DD)(2)(m) of this rule may be sent to the appropriate Ohio EPA district office or local air agency.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(MM)(9)	required	The owner or operator shall maintain the records required by paragraphs (MM)(6) and (MM)(8) of this rule at the facility for a period of three years.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(RR)(4)(i)	required	The records required by paragraphs (RR)(4)(a) to (RR)(4)(h) of this rule shall be maintained for a minimum of five years and shall be available for review by the director or any authorized representative of the director during normal business hours.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(RR)(7)(h)	required	Additional testing of the gashouse and the thermal incinerator may be required by the director to ensure continued compliance with the applicable requirements.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(RR)(8)(b)	required	An emergency event is a condition that shuts down the line, releases propellant in the gasser to atmosphere and vents the gashouse directly to ambient air, instead of being vented to the thermal incinerator as required by NFPA 30B, Section 5.12.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(DDD)(1)(b)(i)	required	Any component, that is required to be employed at all times pursuant to the system CARB certification, is absent or disconnected.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(DDD)(2)(a)	required	Except as otherwise provided in paragraph (DDD)(2)(h) of this rule, within sixty days after the installation or modification of a vapor control system required pursuant to paragraph (DDD)(1) of this rule, the owner or operator	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(DDD)(2)(c)	required	Not later than thirty days prior to any tests required pursuant to paragraphs (DDD)(2)(a) and (DDD)(2)(d) of this rule, the owner or operator of the gasoline dispensing facility shall submit a test notification to the appropriate Ohio EPA district office or local air agency.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(DDD)(2)(h)	required	Any vapor control system required by paragraph (DDD)(1) of this rule at an automobile or light-duty truck assembly plant that has not been tested in accordance with paragraph (DDD)(2)(a) of this rule ...	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(DDD)(3)(a)(vi)	required	Proof of attendance and completion of the training required by the Ohio EPA for the operator or local manager of the gasoline dispensing facility.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(DDD)(5)(b)	required	If the director determines that the stage II vapor control program is not required for the maintenance of the ambient air quality standard for ozone after the promulgation of onboard control requirements, the director may suspend the requirements of this paragraph.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-09	(DDD)(5)(d)(iii)	required	... PEI/RP300-09", by professional technicians who have received appropriate training, have all of the required tools, and possess applicable regulatory or equipment-manufacturer certifications, if such certifications are available.	3704.03(E)	Yes	CAA 182	Yes	Yes	No
3745-21-17	(A)(2)	Shall	Except as provided in paragraph (C) of this rule, no person shall sell, supply, offer for sale, advertise, or manufacture for sale in Ohio a portable fuel container or spout or both portable fuel container or spout on or after July 1, 2007	3704.03(E) and 3704.03(A)	Fed	CAA 182	Yes	Yes - Federal	No
3745-21-18	(A)(1)	Shall	All commercial motor vehicle and mobile equipment refinishing operations (sources), regardless of date of construction or modification, that are located in Butler, Clark, Clermont, Greene, Hamilton, Miami, Montgomery, or Warren county shall comply with the following:	3704.03(E) and 3704.03(A)	Fed	CAA 182(a)(2)(A), CAA 182(b)(2), CTG - Commercial Motor Vehicle and Mobile Equipment Refinishing Operations	Yes	Yes - Federal	No

3745-21-18	(A)(2)	Shall	All commercial motor vehicle and mobile equipment refinishing operations (sources), regardless of date of construction or modification, that are located in Ashtabula, Cuyahoga, Geauga, Lake, Lorain, Medina, Portage, or Summit county shall achieve compliance with this rule by no later than April 2,	3704.03(E) and 3704.03(A)	Fed	CAA 182(a)(2)(A), CAA 182(b)(2), CTG - Commercial Motor Vehicle and Mobile Equipment Refinishing Operations	Yes	Yes - Federal	No
3745-21-18	(C)	Shall	Except where exempt under paragraph (D) of this rule a person at a facility subject to this rule shall do the following:	3704.03(E) and 3704.03(A)	Fed	CAA 182(a)(2)(A), CAA 182(b)(2), CTG - Commercial Motor Vehicle and Mobile Equipment Refinishing Operations	Yes	Yes - Federal	No
3745-21-18	(C)(2)(a)	Shall	Except for multi-stage topcoats, the mass of VOC per combined volume of VOC and coating solids, excluding water and exempt solvents, shall be calculated by the following equation:	3704.03(E) and 3704.03(A)	Fed	CAA 182(a)(2)(A), CAA 182(b)(2), CTG - Commercial Motor Vehicle and Mobile EquipmentRefinishing Operations	Yes	Yes - Federal	No
3745-21-18	(C)(2)(b)	Shall	The VOC content of a multi-stage topcoat shall be calculated by the following equation:	3704.03(E) and 3704.03(A)	Fed	CAA 182(a)(2)(A), CAA 182(b)(2), CTG - Commercial Motor Vehicle and Mobile Equipment Refinishing Operations	Yes	Yes - Federal	No
3745-21-18	(C)(2)(b)	Shall	(The VOC content of each coating shall be measured in accordance with USEPA method 24.)	3704.03(E) and 3704.03(A)	Fed	CAA 182(a)(2)(A), CAA 182(b)(2), CTG - Commercial Motor Vehicle and Mobile Equipment Refinishing Operations	Yes	Yes - Federal	No
3745-21-18	(C)(3)(k)	Shall	This demonstration shall be submitted for approval to the director.	3704.03(E) and 3704.03(A)	Fed	CAA 182(a)(2)(A), CAA 182(b)(2), CTG - Commercial Motor Vehicle and Mobile Equipment Refinishing Operations	Yes	Yes - Federal	Yes
3745-21-18	(C)(3)(k)	Shall	Any equivalent coating application method approved by the director shall be submitted to the USEPA as a revision to the Ohio state implementation plan for ozone.	3704.03(E) and 3704.03(A)	Fed	CAA 182(a)(2)(A), CAA 182(b)(2), CTG - Commercial Motor Vehicle and Mobile Equipment Refinishing Operations	Yes	Yes - Federal	No
3745-21-18	(C)(5)	Shall	Ensure that the spray guns used to apply mobile equipment repair and refinishing coatings shall be cleaned by one of the following	3704.03(E) and 3704.03(A)	Fed	CAA 182(a)(2)(A), CAA 182(b)(2), CTG - Commercial Motor Vehicle and Mobile Equipment Refinishing Operations	Yes	Yes - Federal	No
3745-21-18	(D)	Shall	The following coating applications shall be exempt from this rule:	3704.03(E) and 3704.03(A)	Fed	CAA 182(a)(2)(A), CAA 182(b)(2), CTG - Commercial Motor Vehicle and Mobile Equipment Refinishing Operations	Yes	Yes - Federal	No
3745-21-18	E(1)	Shall	Each owner or operator subject to the provisions of this rule shall submit documentation sufficient to demonstrate that high efficiency transfer application	3704.03(E) and 3704.03(A)	Fed	CAA 182(a)(2)(A), CAA 182(b)(2), CTG - Commercial Motor Vehicle and Mobile Equipment Refinishing Operations	Yes	Yes - Federal	No
3745-21-18	E(1)	Shall	The documentation also shall verify that all employees applying coatings are properly trained in the use of an HVLP sprayer, or equivalent application	3704.03(E) and 3704.03(A)	Fed	CAA 182(a)(2)(A), CAA 182(b)(2), CTG - Commercial Motor Vehicle and Mobile Equipment Refinishing Operations	Yes	Yes - Federal	No
3745-21-18	E(1)	Shall	This documentation shall be submitted to the appropriate Ohio EPA district office or local air agency	3704.03(E) and 3704.03(A)	Fed	CAA 182(a)(2)(A), CAA 182(b)(2), CTG - Commercial Motor Vehicle and Mobile Equipment Refinishing Operations	Yes	Yes - Federal	No
3745-21-18	E(1)	Shall	the owner or operator shall retain the documentation on site and make the documentation available to the appropriate Ohio EPA district office	3704.03(E) and 3704.03(A)	Fed	CAA 182(a)(2)(A), CAA 182(b)(2), CTG - Commercial Motor Vehicle and Mobile Equipment Refinishing Operations	Yes	Yes - Federal	No
3745-21-18	E(1)	Shall	The documentation shall be submitted by the following	3704.03(E) and 3704.03(A)	Fed	CAA 182(a)(2)(A), CAA 182(b)(2), CTG - Commercial Motor Vehicle and Mobile Equipment Refinishing Operations	Yes	Yes - Federal	No
3745-21-18	E(2)	Shall	Each owner or operator subject to the provisions of this rule shall maintain records for a period of five years of the amount and VOC content of each coating employed	3704.03(E) and 3704.03(A)	Fed	CAA 182(a)(2)(A), CAA 182(b)(2), CTG - Commercial Motor Vehicle and Mobile Equipment Refinishing Operations	Yes	Yes - Federal	No

3745-21-18	E(1)	Required	Each owner or operator subject to the provisions of this rule shall submit documentation sufficient to demonstrate that high efficiency transfer application techniques of coatings required in this rule are in use at their facility	3704.03(E) and 3704.03(A)	Fed	CAA 182(a)(2)(A), CAA 182(b)(2), CTG - Commercial Motor Vehicle and Mobile Equipment Refinishing Operations	Yes	Yes - Federal	No
3745-21-19	(A)(1)	Shall	Except as otherwise provided in paragraph (A)(2) of this rule, this rule shall apply to any aerospace manufacturing or rework facility that is located in Ashtabula, Cuyahoga, Geauga, Lake, Lorain, Medina, Portage, or Summit county	3704.03(E) and 3704.03(A)	Fed	CAA 182(b)(2), CTG - Aerospace Manufacturing	Yes	Yes - Federal	No
3745-21-19	(C)(1)	Shall	Except as otherwise provided in paragraphs (C)(2) and (C)(3) of this rule, any owner or operator of an aerospace manufacturing or rework facility that is subject to this rule shall comply with paragraphs (D) to (L) of this rule.	3704.03(E) and 3704.03(A)	Fed	CAA 182(b)(2), CTG - Aerospace Manufacturing	Yes	Yes - Federal	No
3745-21-19	(D)(1)	Shall	Except as otherwise provided in paragraphs (D)(2) and (D)(3) of this rule, a person shall not apply to aerospace vehicles or components any coating that contains VOC in excess of the following VOC content limits:	3704.03(E) and 3704.03(A)	Fed	CAA 182(b)(2), CTG - Aerospace Manufacturing	Yes	Yes - Federal	No
3745-21-19	(D)(2)	Shall	In lieu of the VOC content limit for a coating subject to paragraph (D)(1) of this rule, a VOC emission control system shall be used that achieves, for the coating employed and designated for control, an overall reduction of VOC emissions that is equal to or greater than eighty-one per cent by weight.	3704.03(E) and 3704.03(A)	Fed	CAA 182(b)(2), CTG - Aerospace Manufacturing	Yes	Yes - Federal	No
3745-21-19	(D)(2)	Shall	Also, if the VOC emission control system includes a thermal or catalytic oxidizer, the control efficiency of the thermal or catalytic oxidizer for VOC emissions shall be at least ninety per cent by weight	3704.03(E) and 3704.03(A)	Fed	CAA 182(b)(2), CTG - Aerospace Manufacturing	Yes	Yes - Federal	No
3745-21-19	(D)(4)	Shall	Except as otherwise provided in paragraph (D)(5) of this rule, a person shall use one or more of the following application methods for applying primers and topcoats (including self-priming topcoat) to aerospace vehicles or components	3704.03(E) and 3704.03(A)	Fed	CAA 182(b)(2), CTG - Aerospace Manufacturing	Yes	Yes - Federal	No
3745-21-19	(E)(1)(a)	Shall	Except as otherwise provided in paragraph (E)(1)(b) of this rule, any cleaning solvent employed in a hand wipe cleaning operation shall meet one of the following specifications:	3704.03(E) and 3704.03(A)	Fed	CAA 182(b)(2), CTG - Aerospace Manufacturing	Yes	Yes - Federal	No
3745-21-19	(E)(2)(a)	Shall	Except as otherwise provided in paragraph (E)(2)(b) of this rule, any spray gun to be cleaned shall be cleaned by one or more of the following techniques:	3704.03(E) and 3704.03(A)	Fed	CAA 182(b)(2), CTG - Aerospace Manufacturing	Yes	Yes - Federal	No
3745-21-19	(E)(2)(a)(i)(a)	Shall	Clean the spray gun in an enclosed system that is closed at all times except when inserting or removing the spray gun. Cleaning shall consist of forcing solvent through the gun.	3704.03(E) and 3704.03(A)	Fed	CAA 182(b)(2), CTG - Aerospace Manufacturing	Yes	Yes - Federal	No
3745-21-19	(E)(2)(a)(i)(b)	Shall	Visually inspect the seals and other potential sources of leaks associated with the enclosed system at least once per month. If leaks are found, repairs shall be made as soon as practicable	3704.03(E) and 3704.03(A)	Fed	CAA 182(b)(2), CTG - Aerospace Manufacturing	Yes	Yes - Federal	No
3745-21-19	(E)(2)(a)(i)(b)	Shall	but no later than fifteen days after the leak was found. If the leak is not repaired by the fifteenth day after detection, the cleaning solvent shall be removed	3704.03(E) and 3704.03(A)	Fed	CAA 182(b)(2), CTG - Aerospace Manufacturing	Yes	Yes - Federal	No
3745-21-19	(E)(2)(a)(i)(b)	Shall	and the enclosed cleaner shall be shut down until the leak is repaired or its use is permanently discontinued.	3704.03(E) and 3704.03(A)	Fed	CAA 182(b)(2), CTG - Aerospace Manufacturing	Yes	Yes - Federal	No
3745-21-19	(E)(2)(a)(i)(b)(iii)	Shall	Disassemble the spray gun and clean the components by hand in a vat, which shall remain closed at all times except when in use.	3704.03(E) and 3704.03(A)	Fed	CAA 182(b)(2), CTG - Aerospace Manufacturing	Yes	Yes - Federal	No
3745-21-19	(E)(2)(a)(i)(b)(iii)	Shall	Alternatively, soak the components in a vat, which shall remain closed during the soaking period and when not inserting or removing components.	3704.03(E) and 3704.03(A)	Fed	CAA 182(b)(2), CTG - Aerospace Manufacturing	Yes	Yes - Federal	No
3745-21-19	(E)(2)(b)	Shall	The cleaning of nozzle tips of automated spray equipment systems, except for robotic systems that can be programmed to spray into a closed container, shall be exempt from paragraph (E)(2)(a) of this rule.	3704.03(E) and 3704.03(A)	Fed	CAA 182(b)(2), CTG - Aerospace Manufacturing	Yes	Yes - Federal	No
3745-21-19	(E)(3)(a)	Shall	Except as otherwise provided in paragraph (E)(3)(b) of this rule, the used cleaning solvent of any flush cleaning operation shall be emptied into an enclosed container or collection system that is kept closed when not in use	3704.03(E) and 3704.03(A)	Fed	CAA 182(b)(2), CTG - Aerospace Manufacturing	Yes	Yes - Federal	No
3745-21-19	(E)(4)(a)	Shall	Except for semiaqueous cleaning solvents and where excluded under paragraph (E)(4)(d) of this rule, all fresh and spent cleaning solvents shall be stored in nonabsorbent, nonleaking containers that are kept closed at all times except when filling or emptying.	3704.03(E) and 3704.03(A)	Fed	CAA 182(b)(2), CTG - Aerospace Manufacturing	Yes	Yes - Federal	No
3745-21-19	(E)(4)(b)	Shall	Except where excluded under paragraph (E)(4)(d) of this rule, all used solvent-laden cloths and papers, and any other absorbent applicators used for cleaning, shall be placed in nonabsorbent, nonleaking containers or bags D804	3704.03(E) and 3704.03(A)	Fed	CAA 182(b)(2), CTG - Aerospace Manufacturing	Yes	Yes - Federal	No
3745-21-19	(E)(4)(c)	Shall	Except where excluded under paragraph (E)(4)(d) of this rule, the handling and transfer of cleaning solvents to or from enclosed systems, vats, waste containers, and other cleaning operation equipment that hold or store fresh or spent cleaning solvents shall be conducted in such a manner that minimizes spills.	3704.03(E) and 3704.03(A)	Fed	CAA 182(b)(2), CTG - Aerospace Manufacturing	Yes	Yes - Federal	No
3745-21-19	(F)(1)	Shall	Except where otherwise specified within this rule, any owner or operator of a facility that is subject to this rule shall comply with this rule by no later than the following dates:	3704.03(E) and 3704.03(A)	Fed	CAA 182(b)(2), CTG - Aerospace Manufacturing	Yes	Yes - Federal	No
3745-21-19	(F)(2)	Shall	For a VOC emission control system that is used for a coating operation to comply with paragraph (D)(2) of this rule, the owner or operator shall demonstrate the overall control efficiency of the VOC emission control system	3704.03(E) and 3704.03(A)	Fed	CAA 182(b)(2), CTG - Aerospace Manufacturing	Yes	Yes - Federal	No
3745-21-19	(G)	Shall	For a VOC emission control system that is used for a coating operation to comply with paragraph (D)(2) of this rule, the owner or operator shall meet the same monitoring requirements as contained in paragraph (H) of rule 3745-21-15 of the Administrative Code.	3704.03(E) and 3704.03(A)	Fed	CAA 182(b)(2), CTG - Aerospace Manufacturing	Yes	Yes - Federal	No
3745-21-19	(H)(1)	Shall	The VOC content of a coating shall be determined by the owner or operator in accordance with paragraph (B) of rule 3745-21-10 of the Administrative Code, wherein formulation data or USEPA method 24 procedures (which include various ASTM measurement methods) may be employed	3704.03(E) and 3704.03(A)	Fed	CAA 182(b)(2), CTG - Aerospace Manufacturing	Yes	Yes - Federal	No

3745-21-19	(H)(2)	Shall	The as applied VOC content of a coating applied by a dip coater shall be determined by the owner or operator as a rolling thirty-day average of the VOC content of the material (coating and thinner) added to the reservoir of the dip coater.	3704.03(E) and 3704.03(A)	Fed	CAA 182(b)(2), CTG - Aerospace Manufacturing	Yes	Yes - Federal	No
3745-21-19	(H)(2)	Shall	The rolling thirty-day average VOC content (C30), expressed in pounds of VOC per gallon of coating, excluding water and exempt solvents, as applied, shall be calculated for each day of operation of the dip coater as follows:	3704.03(E) and 3704.03(A)	Fed	CAA 182(b)(2), CTG - Aerospace Manufacturing	Yes	Yes - Federal	No
3745-21-19	(H)(3)	Shall	The composition of a cleaning solvent shall be based upon data supplied by the manufacturer of the cleaning solvent.	3704.03(E) and 3704.03(A)	Fed	CAA 182(b)(2), CTG - Aerospace Manufacturing	Yes	Yes - Federal	No
3745-21-19	(H)(3)	Shall	The data shall identify all components of the cleaning solvent.	3704.03(E) and 3704.03(A)	Fed	CAA 182(b)(2), CTG - Aerospace Manufacturing	Yes	Yes - Federal	No
3745-21-19	(H)(4)	Shall	The VOC composite vapor pressure of a cleaning solvent shall be determined by the owner or operator in accordance with paragraph (S) of rule 3745-21-10 of the Administrative Code.	3704.03(E) and 3704.03(A)	Fed	CAA 182(b)(2), CTG - Aerospace Manufacturing	Yes	Yes - Federal	No
3745-21-19	(I)(1)	Shall	For a VOC emission control system used to comply with paragraph (D)(2) of this rule, the owner or operator shall conduct a compliance test to determine the capture efficiency of the capture system, the control efficiency of the control device	3704.03(E) and 3704.03(A)	Fed	CAA 182(b)(2), CTG - Aerospace Manufacturing	Yes	Yes - Federal	No
3745-21-19	(I)(1)	Shall	the overall control efficiency of the VOC emission control system in accordance with paragraph (C) of rule 3745-21-10 of the Administrative Code wherein USEPA method 25 or 25A shall be used for determining the concentration of VOC in a gas stream.	3704.03(E) and 3704.03(A)	Fed	CAA 182(b)(2), CTG - Aerospace Manufacturing	Yes	Yes - Federal	No
3745-21-19	(I)(2)	Shall	During the compliance test described in paragraph (I)(1) of this rule that demonstrates compliance, the owner or operator shall establish the operating limits (operating parameter values) for the monitoring devices required under paragraph (G) of this rule	3704.03(E) and 3704.03(A)	Fed	CAA 182(b)(2), CTG - Aerospace Manufacturing	Yes	Yes - Federal	No
3745-21-19	(J)(1)	Shall	(General) All records specified under paragraph (J) of this rule shall be retained by the owner or operator for a period of not less than five years	3704.03(E) and 3704.03(A)	Fed	CAA 182(b)(2), CTG - Aerospace Manufacturing	Yes	Yes - Federal	No
3745-21-19	(J)(1)	Shall	and shall be made available to the director or any authorized representative of the director for review during normal business hours.	3704.03(E) and 3704.03(A)	Fed	CAA 182(b)(2), CTG - Aerospace Manufacturing	Yes	Yes - Federal	No
3745-21-19	(J)(2)	Shall	For any coating operation subject to paragraph (D) of this rule, the owner or operator shall maintain the following records:	3704.03(E) and 3704.03(A)	Fed	CAA 182(b)(2), CTG - Aerospace Manufacturing	Yes	Yes - Federal	No
3745-21-19	(J)(3)	Shall	For cleaning operations subject to paragraph (E) of this rule, the owner or operator shall maintain the following records, where appropriate:	3704.03(E) and 3704.03(A)	Fed	CAA 182(b)(2), CTG - Aerospace Manufacturing	Yes	Yes - Federal	No
3745-21-19	(J)(4)	Shall	For a VOC emission control system subject to paragraph (G) of this rule, the owner or operator shall maintain the same monitoring records as specified under paragraph (K)(5) of rule 3745-21-15 of the Administrative Code	3704.03(E) and 3704.03(A)	Fed	CAA 182(b)(2), CTG - Aerospace Manufacturing	Yes	Yes - Federal	No
3745-21-19	(K)(2)	Shall	The owner or operator of an aerospace manufacturing or rework facility subject to this rule shall submit an initial compliance status report within sixty calendar days after the compliance date specified in paragraph (F) of this rule as follows:	3704.03(E) and 3704.03(A)	Fed	CAA 182(b)(2), CTG - Aerospace Manufacturing	Yes	Yes - Federal	No
3745-21-19	(K)(2)(a)	Shall	For any coating operation subject to the VOC content limit of paragraph (D)(1) of this rule, the owner or operator shall state in the initial compliance status report the type of coating, the VOC content limit for the coating, and that only coatings	3704.03(E) and 3704.03(A)	Fed	CAA 182(b)(2), CTG - Aerospace Manufacturing	Yes	Yes - Federal	No
3745-21-19	(K)(2)(b)	Shall	the owner or operator shall state in the initial compliance status report that only coatings meeting the applicable VOC content limit, as determined by the procedures of paragraph (H)(2) of this rule	3704.03(E) and 3704.03(A)	Fed	CAA 182(b)(2), CTG - Aerospace Manufacturing	Yes	Yes - Federal	No
3745-21-19	(K)(2)(c)	Shall	For any coating operation that is equipped with a VOC emission control system to comply with paragraph (D)(2) of this rule, the owner or operator shall submit the following in the initial compliance status report:	3704.03(E) and 3704.03(A)	Fed	CAA 182(b)(2), CTG - Aerospace Manufacturing	Yes	Yes - Federal	No
3745-21-19	(K)(2)(c)(iv)	Shall	A complete test report shall include a brief process description, sampling site description, description of sampling and analysis procedures and any modifications to standard procedures	3704.03(E) and 3704.03(A)	Fed	CAA 182(b)(2), CTG - Aerospace Manufacturing	Yes	Yes - Federal	No
3745-21-19	(K)(2)(d)	Shall	For cleaning operations subject to paragraph (E) of this rule, the owner or operator shall submit the following in the initial compliance status report	3704.03(E) and 3704.03(A)	Fed	CAA 182(b)(2), CTG - Aerospace Manufacturing	Yes	Yes - Federal	No
3745-21-19	(K)(3)	Shall	The owner or operator of an aerospace manufacturing or rework facility subject to this rule shall submit semiannual compliance status reports	3704.03(E) and 3704.03(A)	Fed	CAA 182(b)(2), CTG - Aerospace Manufacturing	Yes	Yes - Federal	No
3745-21-19	(K)(3)	Shall	The first report shall be submitted no later than thirty calendar days after the end of the first six-month period following the compliance date.	3704.03(E) and 3704.03(A)	Fed	CAA 182(b)(2), CTG - Aerospace Manufacturing	Yes	Yes - Federal	No
3745-21-19	(K)(3)	Shall	Subsequent reports shall be submitted no later than thirty calendar days after the end of each six-month period following the first report	3704.03(E) and 3704.03(A)	Fed	CAA 182(b)(2), CTG - Aerospace Manufacturing	Yes	Yes - Federal	No
3745-21-19	(K)(3)	Shall	For each semiannual compliance status report, the owner or operator shall submit the following information for the six-month period covered by the report	3704.03(E) and 3704.03(A)	Fed	CAA 182(b)(2), CTG - Aerospace Manufacturing	Yes	Yes - Federal	No
3745-21-19	(K)(3)(a)	Shall	For any coating operation subject to paragraph (D)(1) of this rule, the owner or operator shall state in the semiannual compliance status report any changes to the previous reportingthe previous reporting	3704.03(E) and 3704.03(A)	Fed	CAA 182(b)(2), CTG - Aerospace Manufacturing	Yes	Yes - Federal	No
3745-21-19	(K)(3)(b)	Shall	For any coating that is applied by means of a dip coater and that is subject to the VOC content limit of paragraph (D)(1) of this rule, the owner or operator shall state in the semiannual compliance	3704.03(E) and 3704.03(A)	Fed	CAA 182(b)(2), CTG - Aerospace Manufacturing	Yes	Yes - Federal	No

3745-21-19	(K)(3)(d)	Shall	If any subsequent compliance tests of the VOC emission control system are conducted during the semiannual reporting period after the initial compliance status report has been submitted, the semiannual compliance status report shall include the results of each compliance test	3704.03(E) and 3704.03(A)	Fed	CAA 182(b)(2), CTG - Aerospace Manufacturing	Yes	Yes - Federal	No
3745-21-19	(K)(3)(e)	Shall	For cleaning operations subject to paragraph (E) of this rule, the owner or operator shall submit in the semiannual compliance status report any changes to the previous reporting of the description of the types of cleaning operations	3704.03(E) and 3704.03(A)	Fed	CAA 182(b)(2), CTG - Aerospace Manufacturing	Yes	Yes - Federal	No
3745-21-19	(K)(3)(f)	Shall	The owner or operator shall submit with the semiannual compliance status report, the following compliance certificationsreport, the following compliance certifications	3704.03(E) and 3704.03(A)	Fed	CAA 182(b)(2), CTG - Aerospace Manufacturing	Yes	Yes - Federal	No
3745-21-19	(K)(3)(f)(i)	Shall	For any coating that is subject to a VOC content limit of paragraph (D)(1) of this rule, the compliance certification shall state that only coatings which comply with the applicable VOC content lim	3704.03(E) and 3704.03(A)	Fed	CAA 182(b)(2), CTG - Aerospace Manufacturing	Yes	Yes - Federal	No
3745-21-19	(K)(3)(f)(ii)	Shall	For any coating that is applied by means of a dip coater, that is subject to a VOC content limit of paragraph (D)(1) of this rule, and that complies by the procedures of paragraph (H)(2) of this rule, the compliance certification shall state that only coatings which comply with the applicable VOC	3704.03(E) and 3704.03(A)	Fed	CAA 182(b)(2), CTG - Aerospace Manufacturing	Yes	Yes - Federal	No
3745-21-19	(K)(3)(f)(iii)(a)	Shall	The compliance certification shall state that the three-hour block averages of the monitoring parameters recorded pursuant to paragraph (K)(5) of this rule had complied with the operating limits	3704.03(E) and 3704.03(A)	Fed	CAA 182(b)(2), CTG - Aerospace Manufacturing	Yes	Yes - Federal	No
3745-21-19	(K)(3)(f)(iii)(b)	Shall	The compliance certification shall identify the times and durations of all periods during coating operation or control operation when the monitoring device is not working, as recorded	3704.03(E) and 3704.03(A)	Fed	CAA 182(b)(2), CTG - Aerospace Manufacturing	Yes	Yes - Federal	No
3745-21-19	(K)(3)(f)(iii)(c)	Shall	For any capture system bypass line, the compliance certification shall identify the times and durations of all periods in which the captured VOC emissions were discharged to atmosphere	3704.03(E) and 3704.03(A)	Fed	CAA 182(b)(2), CTG - Aerospace Manufacturing	Yes	Yes - Federal	No
3745-21-19	(K)(3)(f)(iii)(d)	Shall	The compliance certification shall state that the overall reduction and control of VOC emissions, based on the most recent compliance test conducted in accordance with paragraph	3704.03(E) and 3704.03(A)	Fed	CAA 182(b)(2), CTG - Aerospace Manufacturing	Yes	Yes - Federal	No
3745-21-19	(K)(3)(f)(iv)	Shall	For coatings subject to the low usage exemption under paragraph (D)(3)€ of this rule, the compliance certification shall state that the usage of these coatings during the semiannual reporting period	3704.03(E) and 3704.03(A)	Fed	CAA 182(b)(2), CTG - Aerospace Manufacturing	Yes	Yes - Federal	No
3745-21-19	(K)(3)(f)(v)	Shall	For cleaning operations subject to paragraph (E) of this rule, the compliance certification shall identify the following for the semiannual reporting period	3704.03(E) and 3704.03(A)	Fed	CAA 182(b)(2), CTG - Aerospace Manufacturing	Yes	Yes - Federal	No
3745-21-19	(K)(3)(f)(vi)	Shall	The compliance certification shall identify and describe any corrective actions considered and implemented for any noncompliance being reported in the compliance certification	3704.03(E) and 3704.03(A)	Fed	CAA 182(b)(2), CTG - Aerospace Manufacturing	Yes	Yes - Federal	No
3745-21-19	(K)(3)(f)(vii)	Shall	The compliance certification shall be signed by the responsible official of a Title V facility, as defined in rule 3745-77-01 of the Administrative Code or the signatory authority under rule 3745-31-02	3704.03(E) and 3704.03(A)	Fed	CAA 182(b)(2), CTG - Aerospace Manufacturing	Yes	Yes - Federal	No
3745-21-19	(L)(1)	Shall	The owner or operator of an aerospace manufacturing or rework facility that is subject to this rule and that has an initial startup of coating or cleaning operations before August 25, 2008 shall notify the appropriate Ohio EPA district office or local air	3704.03(E) and 3704.03(A)	Fed	CAA 182(b)(2), CTG - Aerospace Manufacturing	Yes	Yes - Federal	No
3745-21-19	(L)(1)	Shall	The notification, which shall be submitted not later than October 24, 2008	3704.03(E) and 3704.03(A)	Fed	CAA 182(b)(2), CTG - Aerospace Manufacturing	Yes	Yes - Federal	No
3745-21-19	(L)(1)	Shall	shall provide the following information: (a) Name and address of the owner or operator.	3704.03(E) and 3704.03(A)	Fed	CAA 182(b)(2), CTG - Aerospace Manufacturing	Yes	Yes - Federal	No
3745-21-19	(L)(1)(e)(ii)	Shall	Such certification shall include all compliance certification requirements under paragraph (K)(2) of this rule.	3704.03(E) and 3704.03(A)	Fed	CAA 182(b)(2), CTG - Aerospace Manufacturing	Yes	Yes - Federal	No
3745-21-19	(L)(2)	Shall	The owner or operator of an aerospace manufacturing or rework facility that is subject to this rule and that has an initial startup of coating or cleaning operations on or after August 25, 2008 shall notify the appropriate Ohio EPA district office or local air	3704.03(E) and 3704.03(A)	Fed	CAA 182(b)(2), CTG - Aerospace Manufacturing	Yes	Yes - Federal	No
3745-21-19	(L)(2)	Shall	The notification, which shall be submitted not later than either the date of initial startup of the facility's coating or cleaning operations or October 24, 2008	3704.03(E) and 3704.03(A)	Fed	CAA 182(b)(2), CTG - Aerospace Manufacturing	Yes	Yes - Federal	No
3745-21-19	(L)(2)	Shall	shall provide the information listed under paragraph (L)(1) of this rule. The application for a permit-to-install under rule 3745-31-02 of the Administrative Code may be	3704.03(E) and 3704.03(A)	Fed	CAA 182(b)(2), CTG - Aerospace Manufacturing	Yes	Yes - Federal	No
3745-21-19	(D)(5)(a)	Requires	Any situation that normally requires the use of an airbrush or an extension on the spray gun to properly reach limited access spaces	3704.03(E) and 3704.03(A)	Fed	CAA 182(b)(2), CTG - Aerospace Manufacturing	Yes	Yes - Federal	No
3745-21-19	(F)(3)	Required	Additional testing of the coating operation and the VOC emission control system in accordance with paragraph (I) of this rule may be required by the director to ensure continued compliance.	3704.03(E) and 3704.03(A)	Fed	CAA 182(b)(2), CTG - Aerospace Manufacturing	Yes	Yes - Federal	YES
3745-21-19	(I)(2)	Required	During the compliance test described in paragraph (I)(1) of this rule that demonstrates compliance, the owner or operator shall establish the operating limits (operating parameter values) for the monitoring devices required under paragraph (G)	3704.03(E) and 3704.03(A)	Fed	CAA 182(b)(2), CTG - Aerospace Manufacturing	Yes	Yes - Federal	No
3745-21-19	(K)(2)(c)(iv)	Required	record of preparation of standards, record of calibrations, raw data sheets for field sampling, raw data sheets for field and laboratory analyses, documentation of calculations, and any other information required by the test method.	3704.03(E) and 3704.03(A)	Fed	CAA 182(b)(2), CTG - Aerospace Manufacturing	Yes	Yes - Federal	No
3745-21-19	(K)(3)(c)	Required	For any VOC emission control system employed to met paragraph (D)(2) of this rule, any changes to monitoring devices previously reported and required under paragraph (G) of this rule.	3704.03(E) and 3704.03(A)	Fed	CAA 182(b)(2), CTG - Aerospace Manufacturing	Yes	Yes - Federal	No
3745-21-19	(L)(1)(e)(ii)	Required	An application for an operating permit or permit-to-install and operate is not required provided the subject process is operating under an effective permit	3704.03(E) and 3704.03(A)	Fed	CAA 182(b)(2), CTG - Aerospace Manufacturing	Yes	Yes - Federal	No

3745-21-19	(D)(1)	Shall Not	Except as otherwise provided in paragraphs (D)(2) and (D)(3) of this rule, a person shall not apply to aerospace vehicles or components any coating that contains VOC in excess of the following VOC content limits	3704.03(E) and 3704.03(A)	Fed	CAA 182(b)(2), CTG - Aerospace Manufacturing	Yes	Yes - Federal	No
3745-21-20	(D)(2)	required	an overall reduction of VOC emissions that is equal to or greater than the required overall control efficiency determined in accordance with paragraph (H)(5) of this rule.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	1994 CTG-Shipbuilding and repair	Yes	Yes	No
3745-21-20	(F)(3)	required	in accordance with paragraph (I) of this rule may be required by the director to ensure continued compliance.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	1994 CTG-Shipbuilding and repair	Yes	Yes	No
3745-21-20	(H)	required	Procedures for the VOC content and solids content of a coating and the determination of required overall control efficiency	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	1994 CTG-Shipbuilding and repair	Yes	Yes	No
3745-21-20	(H)(2)(b)	required	only one of the containers in which the batch of coating was received is required to be tested.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	1994 CTG-Shipbuilding and repair	Yes	Yes	No
3745-21-20	(H)(5)	required	Determination of required overall control efficiency for controlled coatings.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	1994 CTG-Shipbuilding and repair	Yes	Yes	No
3745-21-20	(H)(5)	required	paragraph (D)(2) of this rule, the overall reduction of VOC emissions, that is, the required overall control efficiency (R), expressed in per cent by weight, shall be determined	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	1994 CTG-Shipbuilding and repair	Yes	Yes	No
3745-21-20	(I)(2)	required	establish the operating limits (operating parameter values) for the monitoring devices required under paragraph (G) of this rule	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	1994 CTG-Shipbuilding and repair	Yes	Yes	No
3745-21-20	(J)(3)	required	The records required by paragraph (J)(2) of this rule shall include the following additional information	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	1994 CTG-Shipbuilding and repair	Yes	Yes	No
3745-21-20	(J)(4)(b)(iii)	required	the owner or operator shall record all of the information required to be recorded by paragraph (J)(3)(b) of this rule	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	1994 CTG-Shipbuilding and repair	Yes	Yes	No
3745-21-20	(J)(4)(b)(iv)	required	adds thinning solvent on a group basis, the owner or operator shall record all of the information required to be recorded by paragraph (J)(3)(c) of this rule	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	1994 CTG-Shipbuilding and repair	Yes	Yes	No
3745-21-20	(K)(2)(c)(iv)	required	raw data sheets for field and laboratory analyses, documentation of calculations, and any other information required by the test method.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	1994 CTG-Shipbuilding and repair	Yes	Yes	No
3745-21-20	(K)(3)(c)	required	any changes to monitoring devices previously reported and required under paragraph (G) of this rule.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	1994 CTG-Shipbuilding and repair	Yes	Yes	No
3745-21-20	(L)(1)(e)(ii)	required	An application for an operating permit or permit-to-install and operate is not required provided the subject process is operating under an effective permit and certifies compliance.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	1994 CTG-Shipbuilding and repair	Yes	Yes	No
3745-21-20	(A)(1)	shall	Except as otherwise provided in paragraph (A)(2) of this rule, this rule shall apply to any facility that meets both of the following conditions	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	1994 CTG-Shipbuilding and repair	Yes	Yes	No
3745-21-20	(C)	shall	Any owner or operator of shipbuilding or ship repair operations that are subject to this rule shall comply with paragraphs (D) to (L) of this rule	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	1994 CTG-Shipbuilding and repair	Yes	Yes	No
3745-21-20	(D)(1)	shall	Except as otherwise provided in paragraphs (D)(2) and (D)(3) of this rule, a person shall not apply any marine coating that contains VOC in excess	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	1994 CTG-Shipbuilding and repair	Yes	Yes	No
3745-21-20	(D)(1)	shall	but only the limits expressed in units of pounds of VOC per gallon of solids (non-volatiles) shall be used for the compliance procedures described in	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	1994 CTG-Shipbuilding and repair	Yes	Yes	No
3745-21-20	(D)(2)	shall	In lieu of the VOC content limit for any coating subject to paragraph (D)(1) of this rule, a VOC emission control system shall be used that achieves	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	1994 CTG-Shipbuilding and repair	Yes	Yes	No
3745-21-20	(D)(2)	shall	the control efficiency of the thermal or catalytic oxidizer for VOC emissions shall be at least ninety per cent by weight	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	1994 CTG-Shipbuilding and repair	Yes	Yes	No
3745-21-20	(E)	shall	Any owner or operator of shipbuilding or ship repair operations shall ensure the following:	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	1994 CTG-Shipbuilding and repair	Yes	Yes	No
3745-21-20	(F)(1)	shall	any owner or operator of shipbuilding or ship repair operations that are subject to this rule shall comply with this rule by no later than the following dates	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	1994 CTG-Shipbuilding and repair	Yes	Yes	No
3745-21-20	(F)(2)	shall	the owner or operator shall demonstrate the overall control efficiency of the VOC emission control system	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	1994 CTG-Shipbuilding and repair	Yes	Yes	No
3745-21-20	(G)	shall	the owner or operator shall meet the same monitoring requirements as contained in paragraph (H) of rule 3745-21-15 of the Administrative Code	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	1994 CTG-Shipbuilding and repair	Yes	Yes	No
3745-21-20	(H)(1)	shall	The VOC content and solids content of a coating shall be determined by the owner or operator in accordance with	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	1994 CTG-Shipbuilding and repair	Yes	Yes	No
3745-21-20	(H)(2)	shall	For each batch of coating that is received by the facility, the owner or operator shall do the following:	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	1994 CTG-Shipbuilding and repair	Yes	Yes	No
3745-21-20	(H)(3)	shall	The procedure used for each coating shall be determined and documented prior to application.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	1994 CTG-Shipbuilding and repair	Yes	Yes	No
3745-21-20	(H)(3)	shall	the owner or operator or any regulatory agency using USEPA method 24 shall take precedence over the results using the procedures in	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	1994 CTG-Shipbuilding and repair	Yes	Yes	No
3745-21-20	(H)(4)(a)	shall	will not be added under any circumstance or to which only water is added, the owner or operator shall comply as follows:	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	1994 CTG-Shipbuilding and repair	Yes	Yes	No

3745-21-20	(H)(4)(b)	shall	For a coating to which thinning solvent is routinely or sometimes added, the owner or operator shall comply as follows:	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	1994 CTG-Shipbuilding and repair	Yes	Yes	No
3745-21-20	(H)(4)(b)(i)	shall	for the coating and calculate the maximum allowable thinning ratio (or ratios, if the coating shall comply with the cold-weather limits in addition to the other limits specified in paragraph (D)(1) of this rule	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	1994 CTG-Shipbuilding and repair	Yes	Yes	No
3745-21-20	(H)(4)(b)(i)	shall	If VS is not supplied directly by the coating manufacturer, the owner or operator shall determine VS as follows:	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	1994 CTG-Shipbuilding and repair	Yes	Yes	No
3745-21-20	(H)(4)(c)	shall	For coatings to which the same thinning solvent (or other material) is routinely or sometimes added, the owner or operator shall comply as follows:	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	1994 CTG-Shipbuilding and repair	Yes	Yes	No
3745-21-20	(H)(4)(c)(iii)	shall	Prior to the first application of each batch, calculate the maximum allowable thinning ratio (or ratios, if the coating shall comply with the cold-weather limits in addition to the other limits specified in	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	1994 CTG-Shipbuilding and repair	Yes	Yes	No
3745-21-20	(H)(4)(d)	shall	A violation revealed through any approved test method shall result in a one-day violation for enforcement purposes.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	1994 CTG-Shipbuilding and repair	Yes	Yes	No
3745-21-20	(H)(4)(d)	shall	paragraphs (H)(4)(c)(i) to (H)(4)(c)(iii) of this rule shall result in a thirty-day violation for enforcement purposes, unless the owner or operator provides sufficient data	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	1994 CTG-Shipbuilding and repair	Yes	Yes	No
3745-21-20	(H)(5)	shall	the required overall control efficiency (R), expressed in per cent by weight, shall be determined as follows for each coating designated for control:	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	1994 CTG-Shipbuilding and repair	Yes	Yes	No
3745-21-20	(I)(1)	shall	For a VOC emission control system used to comply with paragraph (D)(2) of this rule, the owner or operator shall conduct a compliance test to determine	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	1994 CTG-Shipbuilding and repair	Yes	Yes	No
3745-21-20	(I)(1)	shall	efficiency of the VOC emission control system in accordance with paragraph (C) of rule 3745-21-10 of the Administrative Code wherein USEPA method 25 or 25A shall be used for determining the concentration of VOC	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	1994 CTG-Shipbuilding and repair	Yes	Yes	No
3745-21-20	(I)(2)	shall	the owner or operator shall establish the operating limits (operating parameter values) for the monitoring devices required under paragraph (G) of this rule	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	1994 CTG-Shipbuilding and repair	Yes	Yes	No
3745-21-20	(J)(1)	shall	All records specified under paragraph (J) of this rule shall be retained by the owner or operator for a period of not less than five years and shall be made available to the director or any authorized representative of the director for review	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	1994 CTG-Shipbuilding and repair	Yes	Yes	No
3745-21-20	(J)(1)	shall	All records specified under paragraph (J) of this rule shall be retained by the owner or operator for a period of not less than five years and shall be made available to the director or any authorized representative of the director for review	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	1994 CTG-Shipbuilding and repair	Yes	Yes	No
3745-21-20	(J)(2)	shall	For any coating operation subject to paragraph (D)(1) of this rule, the owner or operator shall compile the following records on a monthly basis	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	1994 CTG-Shipbuilding and repair	Yes	Yes	No
3745-21-20	(J)(3)	shall	The records required by paragraph (J)(2) of this rule shall include the following additional information,	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	1994 CTG-Shipbuilding and repair	Yes	Yes	No
3745-21-20	(J)(3)(a)	shall	the procedure described in paragraph (H)(4)(a) of this rule shall contain the following information:	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	1994 CTG-Shipbuilding and repair	Yes	Yes	No
3745-21-20	(J)(3)(b)	shall	records maintained by an owner or operator demonstrating compliance using the procedure described in paragraph (H)(4)(b) shall contain the following information:	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	1994 CTG-Shipbuilding and repair	Yes	Yes	No
3745-21-20	(J)(3)(c)	shall	the procedure described in paragraph (H)(4)(c) of this rule shall contain the following information:	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	1994 CTG-Shipbuilding and repair	Yes	Yes	No
3745-21-20	(J)(4)	shall	operation controlled by a VOC emission control system to meet paragraph (D)(2) of this rule, the owner or operator shall maintain the following records:	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	1994 CTG-Shipbuilding and repair	Yes	Yes	No
3745-21-20	(J)(4)(b)(ii)	shall	the owner or operator shall record the certification of the as supplied and as applied VOC content of each batch	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	1994 CTG-Shipbuilding and repair	Yes	Yes	No
3745-21-20	(J)(4)(b)(iii)	shall	the owner or operator shall record all of the information required to be recorded by paragraph (J)(3)(b) of this rule	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	1994 CTG-Shipbuilding and repair	Yes	Yes	No
3745-21-20	(J)(4)(b)(iv)	shall	the owner or operator shall record all of the information required to be recorded by paragraph (J)(3)(c) of this rule	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	1994 CTG-Shipbuilding and repair	Yes	Yes	No
3745-21-20	(J)(5)	shall	For the handling and transfer of marine coatings and thinners, the owner or operator shall maintain the following records on a monthly basis:	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	1994 CTG-Shipbuilding and repair	Yes	Yes	No
3745-21-20	(J)(6)	shall	the owner or operator shall maintain the same monitoring records as specified under paragraph (K)(5) of rule 3745-21-15 of the Administrative Code	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	1994 CTG-Shipbuilding and repair	Yes	Yes	No
3745-21-20	(K)(2)	shall	owner or operator of shipbuilding or ship repair operations subject to this rule shall submit an initial compliance status report within sixty calendar days after the compliance date	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	1994 CTG-Shipbuilding and repair	Yes	Yes	No
3745-21-20	(K)(2)(a)	shall	For any coating operation subject to the VOC content limit of paragraph (D)(1) of this rule, the owner or operator shall state in the initial compliance status report the type of coating, the VOC content limit for the coating	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	1994 CTG-Shipbuilding and repair	Yes	Yes	No
3745-21-20	(K)(2)(b)	shall	For the handling and transfer of marine coatings and thinners, the owner or operator shall provide an implementation plan that addresses the procedures for ensuring compliance with the requirements under paragraph (E) of this rule	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	1994 CTG-Shipbuilding and repair	Yes	Yes	No
3745-21-20	(K)(2)(c)	shall	For any coating operation that is equipped with a VOC emission control system to comply with paragraph (D)(2) of this rule, the owner or operator shall submit in the initial compliance status report	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	1994 CTG-Shipbuilding and repair	Yes	Yes	No

3745-21-20	(K)(2)(c)(iv)	shall	A complete test report shall include a brief process description, sampling site description, description of sampling and analysis procedures	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	1994 CTG-Shipbuilding and repair	Yes	Yes	No
3745-21-20	(K)(3)	shall	The owner or operator of shipbuilding or ship repair operations subject to this rule shall submit semiannual compliance status reports	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	1994 CTG-Shipbuilding and repair	Yes	Yes	No
3745-21-20	(K)(3)	shall	The first report shall be submitted no later than thirty calendar days after the end of the first six month period following the compliance date.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	1994 CTG-Shipbuilding and repair	Yes	Yes	No
3745-21-20	(K)(3)	shall	Subsequent reports shall be submitted no later than thirty calendar days after the end of each six month period following the first report	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	1994 CTG-Shipbuilding and repair	Yes	Yes	No
3745-21-20	(K)(3)	shall	For each semiannual compliance status report, the owner or operator shall submit the following information for the six month period covered by the report:	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	1994 CTG-Shipbuilding and repair	Yes	Yes	No
3745-21-20	(K)(3)(a)	shall	For any coating operation subject to paragraph (D)(1) of this rule, the owner or operator shall state in the semiannual compliance status report any changes to the previous reporting	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	1994 CTG-Shipbuilding and repair	Yes	Yes	No
3745-21-20	(K)(3)(b)	shall	For the handling and transfer of marine coatings and thinners, the owner or operator shall provide any change to the implementation plan identified in paragraph (K)(2)(b) of this rule	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	1994 CTG-Shipbuilding and repair	Yes	Yes	No
3745-21-20	(K)(3)(d)	shall	the semiannual compliance status report shall include the results of each compliance test, a complete test report, and the compliance test monitoring data as described under paragraphs (K)(2)(c)(iii) to (K)(2)(c)(v) of this rule.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	1994 CTG-Shipbuilding and repair	Yes	Yes	No
3745-21-20	(K)(3)(e)	shall	The owner or operator shall submit with the semiannual compliance status report, the following compliance certifications, where applicable:	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	1994 CTG-Shipbuilding and repair	Yes	Yes	No
3745-21-20	(K)(3)(e)(i)	shall	For any coating that is subject to a VOC content limit of paragraph (D)(1) of this rule, the compliance certification shall state that only coatings that comply with the applicable VOC content limit have been used	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	1994 CTG-Shipbuilding and repair	Yes	Yes	No
3745-21-20	(K)(3)(e)(ii)	shall	the procedures for ensuring compliance with the requirements under paragraph (E) of this rule and shall submit information on any deviations from the implementation plan or paragraph (E) of this rule	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	1994 CTG-Shipbuilding and repair	Yes	Yes	No
3745-21-20	(K)(3)(e)(iii)(a)	shall	The compliance certification shall state that the three-hour three hour block averages of the monitoring parameters recorded pursuant to paragraph (K)(5) of rule 3745-21-15 of the Administrative Code	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	1994 CTG-Shipbuilding and repair	Yes	Yes	No
3745-21-20	(K)(3)(e)(iii)(b)	shall	The compliance certification shall identify the times and durations of all periods during coating operation or control operation when the monitoring device is not working	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	1994 CTG-Shipbuilding and repair	Yes	Yes	No
3745-21-20	(K)(3)(e)(iii)(c)	shall	For any capture system bypass line, the compliance certification shall identify the times and durations of all periods in which the captured VOC emissions were discharged to atmosphere instead of a control device	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	1994 CTG-Shipbuilding and repair	Yes	Yes	No
3745-21-20	(K)(3)(e)(iv)	shall	The compliance certification shall state that the overall reduction and control of VOC emissions, based on the most recent compliance test conducted in accordance with paragraph (I) of this rule	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	1994 CTG-Shipbuilding and repair	Yes	Yes	No
3745-21-20	(K)(3)(e)(v)	shall	For coatings subject to the low usage exemption under paragraph (D)(3)(c) of this rule, the compliance certification shall state that the usage of these coatings during the semiannual reporting period did not exceed the usage restrictions,	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	1994 CTG-Shipbuilding and repair	Yes	Yes	No
3745-21-20	(K)(3)(e)(vi)	shall	The compliance certification shall identify and describe any corrective actions considered and implemented for any noncompliance being reported in the compliance certification	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	1994 CTG-Shipbuilding and repair	Yes	Yes	No
3745-21-20	(K)(3)(e)(vii)	shall	The compliance certification shall be signed by the responsible official of a Title V facility, as defined in rule 3745-77-01 of the Administrative Code or the signatory authority under rule 3745-31-02 of the Administrative Code for a facility that is not Title V	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	1994 CTG-Shipbuilding and repair	Yes	Yes	No
3745-21-20	(L)(1)	shall	and that have an initial startup of shipbuilding or ship repair operations before August 25, 2008 shall notify the appropriate Ohio EPA district office or local air agency in writing that the facility is subject to this rule	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	1994 CTG-Shipbuilding and repair	Yes	Yes	No
3745-21-20	(L)(1)	shall	The notification, which shall be submitted not later than October 24, 2008, shall provide the following information:	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	1994 CTG-Shipbuilding and repair	Yes	Yes	No
3745-21-20	(L)(1)	shall	The notification, which shall be submitted not later than October 24, 2008, shall provide the following information:	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	1994 CTG-Shipbuilding and repair	Yes	Yes	No
3745-21-20	(L)(1)(e)(ii)	shall	An application for an operating permit or permit-to-install and operate is not required provided the subject process is operating under an effective permit and certifies compliance. Such certification shall include all compliance certification requirements under paragraph (K)(2) of this rule.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	1994 CTG-Shipbuilding and repair	Yes	Yes	No
3745-21-20	(L)(2)	shall	that have an initial startup of shipbuilding or ship repair operations on or after August 25, 2008 shall notify the appropriate Ohio EPA district office or local air agency in writing that the facility is subject to this rule	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	1994 CTG-Shipbuilding and repair	Yes	Yes	No
3745-21-20	(L)(2)	shall	The notification, which shall be submitted not later than either the date of initial startup of the facility's coating operations or October 24, 2008 (whichever is later), shall provide the information listed under paragraph (L)(1) of this rule.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	1994 CTG-Shipbuilding and repair	Yes	Yes	No
3745-21-20	(L)(2)	shall	The notification, which shall be submitted not later than either the date of initial startup of the facility's coating operations or October 24, 2008 (whichever is later), shall provide the information listed under paragraph (L)(1) of this rule.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	1994 CTG-Shipbuilding and repair	Yes	Yes	No
3745-21-21	(C)(3)(h)(iii)	required	If a failure that is detected during inspections required in this paragraph cannot be repaired within forty-five days and if the vessel cannot be emptied within forty-five days, a thirty-day extension may be requested from the director in the inspection report required in paragraph (C)(3)(j)(iii) of this rule.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	1994 ACT-Storage of volatile organic liquids	Yes	Yes	No

3745-21-21	(C)(3)(h)(iii)	required	If a failure that is detected during inspections required in this paragraph cannot be repaired within forty-five days and if the vessel cannot be emptied within forty-five days, a thirty-day extension may be requested from the director in the inspection report required in paragraph (C)(3)(j)(iii) of this rule.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	1994 ACT-Storage of volatile organic liquids	Yes	Yes	No
3745-21-21	(C)(3)(i)	required	Notify the director in writing at least thirty days prior to the filling or refilling of each storage vessel for which an inspection is required by paragraphs (C)(3)(h)(i) and (C)(3)(h)(iv) of this rule	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	1994 ACT-Storage of volatile organic liquids	Yes	Yes	No
3745-21-21	(C)(3)(i)	required	If the inspection required by paragraph (C)(3)(h)(iv) of this rule is not planned and the owner or operator could not have known about the inspection thirty days in advance of refilling the tank, the owner or operator shall notify the director	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	1994 ACT-Storage of volatile organic liquids	Yes	Yes	No
3745-21-21	(C)(3)(j)(ii)	required	Keep a record of each inspection performed as required by paragraphs (C)(3)(h)(i) to (C)(3)(h)(iv) of this rule.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	1994 ACT-Storage of volatile organic liquids	Yes	Yes	No
3745-21-21	(C)(3)(j)(iii)	required	If any of the conditions described in paragraph (C)(3)(h)(ii) of this rule are detected during the annual visual inspection required by paragraph (C)(3)(h)(ii) of this rule, a report shall be furnished	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	1994 ACT-Storage of volatile organic liquids	Yes	Yes	No
3745-21-21	(C)(3)(k)	required	After each inspection required by paragraph (C)(3)(h)(iii) of this rule that finds holes or tears in the seal or seal fabric, or defects in the internal floating roof	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	1994 ACT-Storage of volatile organic liquids	Yes	Yes	No
3745-21-21	(C)(3)(l)	required	The owner or operator shall keep copies of all reports and records required by paragraph (C)(3)(j) of this rule for at least five years.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	1994 ACT-Storage of volatile organic liquids	Yes	Yes	No
3745-21-21	(C)(4)	required	If the fixed roof tank is equipped with a closed vent system and control device, as required by paragraph (C)(1)(b) or (C)(2) of this rule, the following specifications shall be met:	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	1994 ACT-Storage of volatile organic liquids	Yes	Yes	No
3745-21-21	(C)(4)(d)	required	The owner or operator of each tank that is equipped with a closed vent system and control device other than a flare, to meet the control requirements as required in paragraph (C)(4) of this rule,	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	1994 ACT-Storage of volatile organic liquids	Yes	Yes	No
3745-21-21	(C)(4)(d)(i)	required	Documentation demonstrating that the control device will achieve the required control efficiency during maximum loading conditions.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	1994 ACT-Storage of volatile organic liquids	Yes	Yes	No
3745-21-21	(C)(4)(e)	required	The operating plan required by paragraph (C)(4)(d) of this rule shall be maintained by the owner or operator for the life of the control equipment and shall be made available to the director upon request.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	1994 ACT-Storage of volatile organic liquids	Yes	Yes	No
3745-21-21	(C)(4)(h)(ii)(a)	required	A report containing the measurements required by 40 CFR 60.18(f)(1) to (f)(6), shall be furnished to the director as required by 40 CFR 60.8. This report shall be submitted within six months of the initial start-up date of the flare.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	1994 ACT-Storage of volatile organic liquids	Yes	Yes	No
3745-21-21	(C)(4)(h)(ii)(a)	required	A report containing the measurements required by 40 CFR 60.18(f)(1) to (f)(6), shall be furnished to the director as required by 40 CFR 60.8. This report shall be submitted within six months of the initial start-up date of the flare.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	1994 ACT-Storage of volatile organic liquids	Yes	Yes	No
3745-21-21	(C)(4)((i)	required	The owner or operator shall keep copies of all reports and records required by paragraph (C)(4)(h) of this rule for at least five years.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	1994 ACT-Storage of volatile organic liquids	Yes	Yes	No
3745-21-21	(D)(3)(c)(ii)(c)	required	If a failure that is detected during inspections required in paragraph (D)(3)(a) of this rule cannot be repaired within forty-five days and if the vessel cannot be emptied within forty-five days, a thirty-day extension may be requested	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	1994 ACT-Storage of volatile organic liquids	Yes	Yes	No
3745-21-21	(D)(3)(c)(ii)(c)	required	a thirty-day extension may be requested from the director in the inspection report required in paragraph (D)(4)(d) of this rule.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	1994 ACT-Storage of volatile organic liquids	Yes	Yes	No
3745-21-21	(D)(3)(d)	required	Notify the director thirty days in advance of any gap measurements required by paragraph (D)(3)(a) of this rule to afford the director the opportunity to have an observer present.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	1994 ACT-Storage of volatile organic liquids	Yes	Yes	No
3745-21-21	(D)(3)(e)(ii)	required	For all the inspections required by paragraph (D)(3)(e) of this rule, the owneror operator shall notify the director in writing at least thirty days prior to the filling or refilling of each storage vessel	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	1994 ACT-Storage of volatile organic liquids	Yes	Yes	No
3745-21-21	(D)(3)(e)(ii)	required	If the inspection required by paragraph (D)(3)(e) of this rule is not planned and the owner or operator could not have known about the inspection thirty days in advance of refilling the tank, the owner or operator shall notify the director	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	1994 ACT-Storage of volatile organic liquids	Yes	Yes	No
3745-21-21	(D)(4)(b)	required	Keep a record of each gap measurement performed as required by paragraphs (D)(3)(a) and (D)(3)(b) of this rule.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	1994 ACT-Storage of volatile organic liquids	Yes	Yes	No
3745-21-21	(D)(4)(c)	required	Within sixty days of performing the seal gap measurements required by paragraph (D)(3)(a) of this rule, furnish the director with a report that contains the following:	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	1994 ACT-Storage of volatile organic liquids	Yes	Yes	No
3745-21-21	(E)(2)(b)	required	Each storage vessel with a design capacity less than forty thousand gallons is not subject to any provisions of this rule other than those required by maintaining readily accessible records of the dimensions of the storage vessel	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	1994 ACT-Storage of volatile organic liquids	Yes	Yes	No
3745-21-21	(E)(4)	required	The owner or operator shall keep copies of all reports and records required by paragraphs (C)(3)(j), (C)(4)(h), (D)(4), and (I) of this rule for at least five years.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	1994 ACT-Storage of volatile organic liquids	Yes	Yes	No
3745-21-21	(F)(3)(b)	required	the anticipated liquid composition is 0.5 pounds per square inch absolute or greater but less than 0.75 pounds per square inch absolute, an initial physical test of the vapor pressure is required ; a physical test at least once every six months thereafter is required as determined by the following methods:	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	1994 ACT-Storage of volatile organic liquids	Yes	Yes	No
3745-21-21	(F)(3)(b)	required	the anticipated liquid composition is 0.5 pounds per square inch absolute or greater but less than 0.75 pounds per square inch absolute, an initial physical test of the vapor pressure is required; a physical test at least once every six months thereafter is required as determined by the following methods:	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	1994 ACT-Storage of volatile organic liquids	Yes	Yes	No
3745-21-21	(I)(1)(e)(ii)	required	An application for an operating permit or permit-to-install and operate is not required provided the subject process is operating under an effective permit and certifies compliance.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	1994 ACT-Storage of volatile organic liquids	Yes	Yes	No
3745-21-21	(A)	shall	This rule shall apply to any storage tank that meets all of the following criteria:	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	1994 ACT-Storage of volatile organic liquids	Yes	Yes	No

3745-21-21	(C)(1)	shall	Except where exempted under paragraph (C)(5) of this rule, no owner or operator of a fixed roof tank shall place, store, or hold any volatile organic liquid	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	1994 ACT-Storage of volatile organic liquids	Yes	Yes	No
3745-21-21	(C)(2)	shall	Except where exempted under paragraph (C)(5) of this rule, no owner or operator of a fixed roof tank shall place, store, or hold any volatile organic liquid with a maximum true vapor pressure which is equal to or greater than	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	1994 ACT-Storage of volatile organic liquids	Yes	Yes	No
3745-21-21	(C)(3)	shall	If the fixed roof tank is equipped with an internal floating roof, the following shall be met	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	1994 ACT-Storage of volatile organic liquids	Yes	Yes	No
3745-21-21	(C)(3)(a)	shall	The internal floating roof shall rest or float on the liquid surface (but not necessarily in complete contact with it) inside a storage vessel that has a fixed roof.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	1994 ACT-Storage of volatile organic liquids	Yes	Yes	No
3745-21-21	(C)(3)(a)	shall	The internal floating roof shall float on the liquid surface at all times, except during initial fill and during those intervals when the storage vessel is completely emptied or subsequently emptied and refilled.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	1994 ACT-Storage of volatile organic liquids	Yes	Yes	No
3745-21-21	(C)(3)(a)	shall	When the roof is resting on the leg supports, the process of filling, emptying, or refilling shall be continuous and shall be accomplished as rapidly as possible.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	1994 ACT-Storage of volatile organic liquids	Yes	Yes	No
3745-21-21	(C)(3)(a)	shall	When the roof is resting on the leg supports, the process of filling, emptying, or refilling shall be continuous and shall be accomplished as rapidly as possible.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	1994 ACT-Storage of volatile organic liquids	Yes	Yes	No
3745-21-21	(C)(3)(b)	shall	Each internal floating roof shall be equipped with one of the following closure devices between the wall of the storage vessel and the edge of the internal floating roof:	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	1994 ACT-Storage of volatile organic liquids	Yes	Yes	No
3745-21-21	(C)(3)(b)(iii)	shall	The lower seal may be vapor-mounted, but both shall be continuous.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	1994 ACT-Storage of volatile organic liquids	Yes	Yes	No
3745-21-21	(C)(3)(c)	shall	Automatic bleeder vents shall be equipped with a gasket and are to be closed at all times when the roof is floating except when the roof is being floated off	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	1994 ACT-Storage of volatile organic liquids	Yes	Yes	No
3745-21-21	(C)(3)(c)	shall	Rim space vents shall be equipped with a gasket and are to be set to open only when the internal floating roof is not floating or at the manufacturer's recommended setting.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	1994 ACT-Storage of volatile organic liquids	Yes	Yes	No
3745-21-21	(C)(3)(d)	shall	Each opening in a non-contact internal floating roof, except for automatic bleeder vents (vacuum breaker vents) and the rim space vents, shall provide a projection below the liquid surface.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	1994 ACT-Storage of volatile organic liquids	Yes	Yes	No
3745-21-21	(C)(3)(e)	shall	ladder wells, sample wells, and stub drains, shall be equipped with a cover or lid which shall be maintained in a closed position at all times	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	1994 ACT-Storage of volatile organic liquids	Yes	Yes	No
3745-21-21	(C)(3)(e)	shall	ladder wells, sample wells, and stub drains, shall be equipped with a cover or lid which shall be maintained in a closed position at all times	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	1994 ACT-Storage of volatile organic liquids	Yes	Yes	No
3745-21-21	(C)(3)(e)	shall	The cover or lid shall be equipped with a gasket. Covers on each access hatch and automatic gauge float well shall be bolted except when they are in use.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	1994 ACT-Storage of volatile organic liquids	Yes	Yes	No
3745-21-21	(C)(3)(e)	shall	The cover or lid shall be equipped with a gasket. Covers on each access hatch and automatic gauge float well shall be bolted except when they are in use.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	1994 ACT-Storage of volatile organic liquids	Yes	Yes	No
3745-21-21	(C)(3)(f)	shall	The sample well, which penetrates the internal floating roof for the purpose of sampling, shall have a slit fabric cover that covers at least ninety per cent of the opening.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	1994 ACT-Storage of volatile organic liquids	Yes	Yes	No
3745-21-21	(C)(3)(g)	shall	Each penetration of the internal floating roof that allows for passage of a ladder shall have a gasketed sliding cover.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	1994 ACT-Storage of volatile organic liquids	Yes	Yes	No
3745-21-21	(C)(3)(h)	shall	The owner or operator of each storage vessel equipped with an internal floating roof, shall comply with the following:	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	1994 ACT-Storage of volatile organic liquids	Yes	Yes	No
3745-21-21	(C)(3)(h)(i)	shall	If there are holes, tears, or other openings in the primary seal, the secondary seal, or the seal fabric, or defects in the internal floating roof, or both, the owner or operator shall repair the items before filling the storage vessel.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	1994 ACT-Storage of volatile organic liquids	Yes	Yes	No
3745-21-21	(C)(3)(h)(iii)	shall	or there are holes or tears in the seal fabric, the owner or operator shall repair the items or empty and remove the storage vessel from service within forty-five days	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	1994 ACT-Storage of volatile organic liquids	Yes	Yes	No
3745-21-21	(C)(3)(h)(iii)	shall	Such a request for an extension shall document that alternate storage capacity is unavailable and specify a schedule of actions the company will take	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	1994 ACT-Storage of volatile organic liquids	Yes	Yes	No
3745-21-21	(C)(3)(h)(iv)	shall	or the slotted membrane has more than ten per cent open area, the owner or operator shall repair the items as necessary so that none of the conditions specified in this paragraph exist before refilling	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	1994 ACT-Storage of volatile organic liquids	Yes	Yes	No
3745-21-21	(C)(3)(h)(iv)	shall	In no event shall inspections conducted in accordance with this provision occur at intervals greater than ten years in the case of vessels conducting the annual visual inspection	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	1994 ACT-Storage of volatile organic liquids	Yes	Yes	No
3745-21-21	(C)(3)(i)	shall	thirty days in advance of refilling the tank, the owner or operator shall notify the director at least seven days prior to the refilling of the storage vessel	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	1994 ACT-Storage of volatile organic liquids	Yes	Yes	No
3745-21-21	(C)(3)(i)	shall	Notification shall be made by telephone immediately followed by written documentation demonstrating why the inspection was unplanned.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	1994 ACT-Storage of volatile organic liquids	Yes	Yes	No
3745-21-21	(C)(3)(j)	shall	The owner or operator of each storage vessel equipped with an internal floating roof shall keep records and furnish reports in accordance with the following:	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	1994 ACT-Storage of volatile organic liquids	Yes	Yes	No
3745-21-21	(C)(3)(j)(i)	shall	This report shall be submitted in accordance with the requirements specified in paragraph (H) of this rule	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	1994 ACT-Storage of volatile organic liquids	Yes	Yes	No
3745-21-21	(C)(3)(j)(iii)	shall	Each record shall identify the storage vessel for which the inspection was performed and shall contain the date the vessel was inspected and the observed condition of each component of the control equipment (seals, internal floating roof, and fittings).	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	1994 ACT-Storage of volatile organic liquids	Yes	Yes	No

3745-21-21	(C)(3)(j)(iii)	shall	Each record shall identify the storage vessel for which the inspection was performed and shall contain the date the vessel was inspected and the observed condition of each component of the control equipment (seals, internal floating roof, and fittings).	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	1994 ACT-Storage of volatile organic liquids	Yes	Yes	No
3745-21-21	(C)(3)(j)(iii)	shall	a report shall be furnished to the director within thirty days of the inspection.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	1994 ACT-Storage of volatile organic liquids	Yes	Yes	No
3745-21-21	(C)(3)(j)(iii)	shall	Each report shall identify the storage vessel, the nature of the defects, and the date the storage vessel was emptied	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	1994 ACT-Storage of volatile organic liquids	Yes	Yes	No
3745-21-21	(C)(3)(k)	shall	After each inspection required by paragraph (C)(3)(h)(iii) of this rule that finds holes or tears in the seal or seal fabric, or defects in the internal floating roof, or other control equipment defects listed in paragraph (C)(3)(h)(ii) or (C)(3)(h)(iv) of this rule, a report shall be furnished to the director within thirty days of the inspection.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	1994 ACT-Storage of volatile organic liquids	Yes	Yes	No
3745-21-21	(C)(3)(k)	shall	The report shall identify the storage vessel and the reason it did not meet the specifications of paragraph (C)(3) of this rule and list each repair made.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	1994 ACT-Storage of volatile organic liquids	Yes	Yes	No
3745-21-21	(C)(3)(l)	shall	The owner or operator shall keep copies of all reports and records required by paragraph (C)(3)(j) of this rule for at least five years.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	1994 ACT-Storage of volatile organic liquids	Yes	Yes	No
3745-21-21	(C)(4)	shall	If the fixed roof tank is equipped with a closed vent system and control device, as required by paragraph (C)(1)(b) or (C)(2) of this rule, the following specifications shall be met:	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	1994 ACT-Storage of volatile organic liquids	Yes	Yes	No
3745-21-21	(C)(4)(a)	shall	The closed vent system shall be designed to collect all VOC vapors and gases discharged from the storage vessel and operated with no detectable emissions, as indicated by an instrument reading	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	1994 ACT-Storage of volatile organic liquids	Yes	Yes	No
3745-21-21	(C)(4)(b)	shall	If a control device other than a flare is employed, the control device shall be designed and operated to reduce inlet VOC emissions by ninety five per cent or greater.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	1994 ACT-Storage of volatile organic liquids	Yes	Yes	No
3745-21-21	(C)(4)(b)	shall	The control efficiency shall be determined in accordance with paragraph (C) of rule 3745-21-10 of the Administrative Code.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	1994 ACT-Storage of volatile organic liquids	Yes	Yes	No
3745-21-21	(C)(4)(c)	shall	If a flare is used as the control device, it shall meet the specifications described in the general control device requirements specified in 40 CFR 60.18.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	1994 ACT-Storage of volatile organic liquids	Yes	Yes	No
3745-21-21	(C)(4)(d)	shall	to meet the control requirements as required in paragraph (C)(4) of this rule, shall meet the specifications identified in paragraphs (C)(4)(a) and (C)(4)(b) of this rule and shall submit, for approval by the director, an operating plan containing the following information:	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	1994 ACT-Storage of volatile organic liquids	Yes	Yes	No
3745-21-21	(C)(4)(d)	shall	to meet the control requirements as required in paragraph (C)(4) of this rule, shall meet the specifications identified in paragraphs (C)(4)(a) and (C)(4)(b) of this rule and shall submit, for approval by the director, an operating plan containing the following information:	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	1994 ACT-Storage of volatile organic liquids	Yes	Yes	No
3745-21-21	(C)(4)(e)	shall	The operating plan required by paragraph (C)(4)(d) of this rule shall be maintained by the owner or operator for the life of the control equipment and shall be made available to the director upon request.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	1994 ACT-Storage of volatile organic liquids	Yes	Yes	No
3745-21-21	(C)(4)(e)	shall	The operating plan required by paragraph (C)(4)(d) of this rule shall be maintained by the owner or operator for the life of the control equipment and shall be made available to the director upon request.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	1994 ACT-Storage of volatile organic liquids	Yes	Yes	No
3745-21-21	(C)(4)(f)	shall	in accordance with paragraph (C)(4)(d) of this rule shall be approved by the USEPA as a revision of the Ohio state implementation plan.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	1994 ACT-Storage of volatile organic liquids	Yes	Yes	No
3745-21-21	(C)(4)(g)	shall	The owner or operator of each source that is equipped with a closed vent system and a flare, to meet the control requirements in paragraphs (C)(4)(a) and(C)(4)(c) of this rule, shall meet the requirements as specified in the general control device requirements	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	1994 ACT-Storage of volatile organic liquids	Yes	Yes	No
3745-21-21	(C)(4)(h)(i)	shall	(closed vent system and control device other than a flare), the owner or operator shall keep the following records:	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	1994 ACT-Storage of volatile organic liquids	Yes	Yes	No
3745-21-21	(C)(4)(h)(ii)	shall	After installing a closed vent system and flare to comply with the control requirements of paragraph (C)(1)(b) or (C)(2) of this rule, the owner or operator shall meet the following:	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	1994 ACT-Storage of volatile organic liquids	Yes	Yes	No
3745-21-21	(C)(4)(h)(ii)(a)	shall	A report containing the measurements required by 40 CFR 60.18(f)(1) to (f)(6), shall be furnished to the director as required by 40 CFR 60.8.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	1994 ACT-Storage of volatile organic liquids	Yes	Yes	No
3745-21-21	(C)(4)(h)(ii)(a)	shall	This report shall be submitted within six months of the initial start-up date of the flare.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	1994 ACT-Storage of volatile organic liquids	Yes	Yes	No
3745-21-21	(C)(4)(h)(ii)(b)	shall	Records shall be kept of all periods of operation during which the flare pilot flame is absent.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	1994 ACT-Storage of volatile organic liquids	Yes	Yes	No
3745-21-21	(C)(4)(h)(ii)(c)	shall	reports of all periods of time recorded under paragraph (C)(4)(h)(ii)(b) of this rule during which the pilot flame was absent shall be furnished to the director	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	1994 ACT-Storage of volatile organic liquids	Yes	Yes	No
3745-21-21	(C)(4)(h)(ii)(c)	shall	These reports shall be submitted to the appropriate Ohio EPA district office or local air agency by July fifteenth and January fifteenth of each calendar year and shall cover the previous six-month period.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	1994 ACT-Storage of volatile organic liquids	Yes	Yes	No
3745-21-21	(C)(4)(h)(ii)(c)	shall	These reports shall be submitted to the appropriate Ohio EPA district office or local air agency by July fifteenth and January fifteenth of each calendar year and shall cover the previous six-month period.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	1994 ACT-Storage of volatile organic liquids	Yes	Yes	No
3745-21-21	(C)(4)(i)	shall	The owner or operator shall keep copies of all reports and records required by paragraph (C)(4)(h) of this rule for at least five years.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	1994 ACT-Storage of volatile organic liquids	Yes	Yes	No

3745-21-21	(D)(1)	shall	no owner or operator of an external floating roof tank shall place, store, or hold any volatile organic liquid in any such tank, after the date specified in paragraph (F) of this rule, unless the following is met:	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	1994 ACT-Storage of volatile organic liquids	Yes	Yes	No
3745-21-21	(D)(1)(a)(i)	shall	Except as provided in paragraph (D)(3)(c) of this rule, the primary seal shall completely cover the annular space between the edge of the floating roof and tank wall and shall be either a liquid mounted seal or a shoe seal.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	1994 ACT-Storage of volatile organic liquids	Yes	Yes	No
3745-21-21	(D)(1)(a)(i)	shall	Except as provided in paragraph (D)(3)(c) of this rule, the primary seal shall completely cover the annular space between the edge of the floating roof and tank wall and shall be either a liquid mounted seal or a shoe seal.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	1994 ACT-Storage of volatile organic liquids	Yes	Yes	No
3745-21-21	(D)(1)(a)(ii)	shall	The tank shall be equipped with the closure device that meets the requirements of this rule after the next scheduled tank cleaning	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	1994 ACT-Storage of volatile organic liquids	Yes	Yes	No
3745-21-21	(D)(1)(b)	shall	Except for automatic bleeder vents and rim space vents, each opening in a non-contact external floating roof shall provide a projection below the liquid surface.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	1994 ACT-Storage of volatile organic liquids	Yes	Yes	No
3745-21-21	(D)(1)(c)	shall	The roof shall be floating on the liquid at all times (i.e., off the roof leg supports)	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	1994 ACT-Storage of volatile organic liquids	Yes	Yes	No
3745-21-21	(D)(1)(c)	shall	The process of filling, emptying, or refilling when the roof is resting on the leg supports shall be continuous and shall be accomplished as rapidly as possible.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	1994 ACT-Storage of volatile organic liquids	Yes	Yes	No
3745-21-21	(D)(1)(c)	shall	The process of filling, emptying, or refilling when the roof is resting on the leg supports shall be continuous and shall be accomplished as rapidly as possible.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	1994 ACT-Storage of volatile organic liquids	Yes	Yes	No
3745-21-21	(D)(2)	shall	The following external floating roof tanks shall be exempted from paragraph (D)(1) of this rule:	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	1994 ACT-Storage of volatile organic liquids	Yes	Yes	No
3745-21-21	(D)(3)	shall	The owner or operator of an external floating roof tank shall do the following:	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	1994 ACT-Storage of volatile organic liquids	Yes	Yes	No
3745-21-21	(D)(3)(a)(i)	shall	Measurements of gaps between the tank wall and the primary seal (seal gaps) shall be performed during the hydrostatic testing of the vessel	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	1994 ACT-Storage of volatile organic liquids	Yes	Yes	No
3745-21-21	(D)(3)(a)(ii)	shall	Measurements of gaps between the tank wall and the secondary seal shall be performed within sixty days of the initial fill with a volatile organic liquid	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	1994 ACT-Storage of volatile organic liquids	Yes	Yes	No
3745-21-21	(D)(3)(a)(iii)	shall	subsequent introduction of a volatile organic liquid into the vessel shall be considered an initial fill for the purposes of paragraphs (D)(3)(a)(i) and (D)(3)(a)(ii) of this rule.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	1994 ACT-Storage of volatile organic liquids	Yes	Yes	No
3745-21-21	(D)(3)(b)(iii)	shall	The total surface area of each gap described in paragraph (D)(b)(ii) of this rule shall be determined by using probes of various widths	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	1994 ACT-Storage of volatile organic liquids	Yes	Yes	No
3745-21-21	(D)(3)(c)(i)	shall	The accumulated area of gaps between the tank wall and the mechanical shoe or liquid-mounted primary seal shall not exceed 10.0 square inches per foot of tank diameter	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	1994 ACT-Storage of volatile organic liquids	Yes	Yes	No
3745-21-21	(D)(3)(c)(i)	shall	and the width of any portion of any gap shall not exceed 1.5 inches.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	1994 ACT-Storage of volatile organic liquids	Yes	Yes	No
3745-21-21	(D)(3)(c)(ii)(b)	shall	seal used in combination with a metallic shoe or liquid-mounted primary seal shall not exceed 1.0 square inches per foot of tank diameter	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	1994 ACT-Storage of volatile organic liquids	Yes	Yes	No
3745-21-21	(D)(3)(c)(ii)(b)	shall	and the width of any portion of any gap shall not exceed 0.5 inches.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	1994 ACT-Storage of volatile organic liquids	Yes	Yes	No
3745-21-21	(D)(3)(c)(ii)(b)	shall	There shall be no gaps between the tank wall and the secondary seal when used in combination with a vapor mounted primary seal.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	1994 ACT-Storage of volatile organic liquids	Yes	Yes	No
3745-21-21	(D)(3)(c)(iii)(c)	shall	Such extension request shall include a demonstration of unavailability of alternative storage capacity and a specification of a schedule that will assure that the control equipment will be repaired	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	1994 ACT-Storage of volatile organic liquids	Yes	Yes	No
3745-21-21	(D)(3)(e)(i)	shall	the owner or operator shall repair the items as necessary so that none of the conditions specified in this paragraph	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	1994 ACT-Storage of volatile organic liquids	Yes	Yes	No
3745-21-21	(D)(3)(e)(ii)	shall	For all the inspections required by paragraph (D)(3)(e) of this rule, the owner or operator shall notify the director in writing at least thirty days prior to the filling or refilling of each storage vessel	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	1994 ACT-Storage of volatile organic liquids	Yes	Yes	No
3745-21-21	(D)(3)(e)(ii)	shall	the owner or operator shall notify the director at least seven days prior to the refilling of the storage vessel.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	1994 ACT-Storage of volatile organic liquids	Yes	Yes	No
3745-21-21	(D)(3)(e)(ii)	shall	Notification shall be made by telephone immediately followed by written documentation demonstrating why the inspection was unplanned.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	1994 ACT-Storage of volatile organic liquids	Yes	Yes	No
3745-21-21	(D)(4)	shall	The owner or operator of an external floating roof tank shall meet the following:	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	1994 ACT-Storage of volatile organic liquids	Yes	Yes	No
3745-21-21	(D)(4)(a)	shall	This report shall be submitted in accordance with paragraph (H) of this rule.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	1994 ACT-Storage of volatile organic liquids	Yes	Yes	No
3745-21-21	(D)(4)(b)	shall	Each record shall identify the storage vessel in which the measurement was performed and shall contain the following:	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	1994 ACT-Storage of volatile organic liquids	Yes	Yes	No
3745-21-21	(D)(4)(b)	shall	Each record shall identify the storage vessel in which the measurement was performed and shall contain the following:	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	1994 ACT-Storage of volatile organic liquids	Yes	Yes	No

3745-21-21	(D)(4)(d)	shall	The report shall identify the vessel and contain the information specified in paragraph (D)(4)(c) of this rule, the date the vessel was emptied	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	1994 ACT-Storage of volatile organic liquids	Yes	Yes	No
3745-21-21	(E)(1)	shall	Any owner or operator of a fixed roof or an external floating roof tank that is not exempted pursuant to paragraph (C)(5) or (D)(2) of this rule shall maintain records of the following information in a readily accessible location	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	1994 ACT-Storage of volatile organic liquids	Yes	Yes	No
3745-21-21	(E)(1)	shall	and shall make copies of the records available to the director upon verbal or written request:	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	1994 ACT-Storage of volatile organic liquids	Yes	Yes	No
3745-21-21	(E)(2)	shall	The owner or operator of each storage vessel that is exempt pursuant to paragraph (C)(5) or (D)(2) of this rule shall maintain records of the following information in a readily accessible location for at least five years and shall make copies of the records available to the director upon verbal or written request:	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	1994 ACT-Storage of volatile organic liquids	Yes	Yes	No
3745-21-21	(E)(2)	shall	The owner or operator of each storage vessel that is exempt pursuant to paragraph (C)(5) or (D)(2) of this rule shall maintain records of the following information in a readily accessible location for at least five years and shall make copies of the records available to the director upon verbal or written request:	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	1994 ACT-Storage of volatile organic liquids	Yes	Yes	No
3745-21-21	(E)(3)	shall	the owner or operator shall so notify the director within thirty days of becoming aware of the occurrence.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	1994 ACT-Storage of volatile organic liquids	Yes	Yes	No
3745-21-21	(E)(4)	shall	The owner or operator shall keep copies of all reports and records required by paragraphs (C)(3)(j), (C)(4)(h), (D)(4), and (I) of this rule for at least five years.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	1994 ACT-Storage of volatile organic liquids	Yes	Yes	No
3745-21-21	(F)(1)	shall	normally less than 0.75 pounds per square inch absolute shall notify the director within thirty days when the maximum true vapor pressure of the liquid exceeds 0.75 pounds per square inch	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	1994 ACT-Storage of volatile organic liquids	Yes	Yes	No
3745-21-21	(F)(2)(b)	shall	For other liquids, the vapor pressure shall be determined using one of the following:	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	1994 ACT-Storage of volatile organic liquids	Yes	Yes	No
3745-21-21	(F)(3)	shall	The owner or operator of each vessel storing a mixture of indeterminate or variable composition shall be subject to the following:	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	1994 ACT-Storage of volatile organic liquids	Yes	Yes	No
3745-21-21	(G)	shall	The owner or operator of a facility that is subject to this rule shall comply with this rule no later than the following dates:	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	1994 ACT-Storage of volatile organic liquids	Yes	Yes	No
3745-21-21	(H)(1)	shall	The owner or operator of a facility that is subject to this rule shall notify the appropriate Ohio EPA district office or local air agency in writing within thirty days following the completion of any of the following requirements.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	1994 ACT-Storage of volatile organic liquids	Yes	Yes	No
3745-21-21	(H)(2)	shall	The compliance certification under paragraph (H)(1) of this rule shall provide the following, where applicable:	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	1994 ACT-Storage of volatile organic liquids	Yes	Yes	No
3745-21-21	(I)(1)	shall	that operates a storage tank for volatile organic liquids with an initial startup date before August 25, 2008 shall notify the appropriate Ohio EPA district office or local air agency in writing that the volatile organic liquid storage tank is subject to this rule.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	1994 ACT-Storage of volatile organic liquids	Yes	Yes	No
3745-21-21	(I)(1)	shall	which shall be submitted not later than October 24, 2008 (or within sixty days after the volatile organic liquid storage tank becomes subject to this rule), shall provide the following information:	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	1994 ACT-Storage of volatile organic liquids	Yes	Yes	No
3745-21-21	(I)(1)	shall	which shall be submitted not later than October 24, 2008 (or within sixty days after the volatile organic liquid storage tank becomes subject to this rule), shall provide the following information:	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	1994 ACT-Storage of volatile organic liquids	Yes	Yes	No
3745-21-21	(I)(1)(e)(ii)	shall	Such certification shall include all compliance certification requirements under paragraph (H) of this rule.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	1994 ACT-Storage of volatile organic liquids	Yes	Yes	No
3745-21-21	(I)(2)	shall	that has a volatile organic liquid storage tank with an initial start-up date on or after August 25, 2008 shall notify the appropriate Ohio EPA district office or local air agency in writing that the volatile organic liquid storage tank is subject to this rule.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	1994 ACT-Storage of volatile organic liquids	Yes	Yes	No
3745-21-21	(I)(2)	shall	The notification, which shall be submitted not later than either the date of initial startup of the volatile organic liquid storage tank	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	1994 ACT-Storage of volatile organic liquids	Yes	Yes	No
3745-21-21	(I)(2)	shall	shall provide the information listed under paragraph (I)(1) of this rule.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	1994 ACT-Storage of volatile organic liquids	Yes	Yes	No
3745-21-22	(K)(1)(a)	may not	A facility that employs a combination of printing technologies that includes a heatset web offset lithographic printing press may not use this option for demonstrating actual emissions	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2006 CTG-Lithographic and Letterpress Printing	Yes	Yes	No
3745-21-22	(E)(3)	required	testing of a subject offset lithographic or letterpress printing press and the VOC emission control system in accordance with paragraph (F)(1) of this rule may be required by the director to ensure continued compliance.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2006 CTG-Lithographic and Letterpress Printing	Yes	Yes	No
3745-21-22	(F)(1)(b)	required	Capture efficiency and continuous dryer air flow monitoring is not required .	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2006 CTG-Lithographic and Letterpress Printing	Yes	Yes	No
3745-21-22	(G)(1)(d)	required	and have it tested to evaluate the catalyst's capability to continue to function at or above the required control efficiency.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2006 CTG-Lithographic and Letterpress Printing	Yes	Yes	No
3745-21-22	(I)(2)(a)	required	Capture efficiency testing for heatset dryers is not required if it is demonstrated that pressure in the dryer is negative relative to the surrounding press room	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2006 CTG-Lithographic and Letterpress Printing	Yes	Yes	No
3745-21-22	(J)(1)(e)(ii)	required	An application for an operating permit or permit-to-install and operate is not required provided the subject process is operating under an effective permit and certifies compliance.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2006 CTG-Lithographic and Letterpress Printing	Yes	Yes	No
3745-21-22	(J)(3)(a)(ii)(b)	required	The completion of installation and initial use of any monitoring devices required under paragraph (G) of this rule for the offset lithographic printing press.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2006 CTG-Lithographic and Letterpress Printing	Yes	Yes	No

3745-21-22	(K)(3)	required	they are subject to one or more of the control requirements in paragraph (D) of this rule based on the records required under paragraph (J) of this rule, the owner or operator shall comply with said requirements of this rule.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2006 CTG-Lithographic and Letterpress Printing	Yes	Yes	No
3745-21-22	(A)	shall	Paragraphs (B) to (I) of this rule shall apply to each lithographic printing or letterpress printing facility that meets all the following criteria:	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2006 CTG-Lithographic and Letterpress Printing	Yes	Yes	No
3745-21-22	(D)(1)	shall	emissions from the press dryer that are greater than twenty-five tons per year before the application of control systems and devices shall maintain the dryer air pressure lower than the pressroom air pressure at all times the press is operating	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2006 CTG-Lithographic and Letterpress Printing	Yes	Yes	No
3745-21-22	(D)(1)(a)	shall	a control system first installed before April 2, 2009 the control system shall reduce VOC emissions from each dryer by at least ninety per cent	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2006 CTG-Lithographic and Letterpress Printing	Yes	Yes	No
3745-21-22	(D)(1)(b)	shall	For a control system first installed on or after April 2, 2009, the control system shall reduce VOC emissions from each dryer by at least ninety-five per cent or maintain a maximum VOC outlet concentration of	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2006 CTG-Lithographic and Letterpress Printing	Yes	Yes	No
3745-21-22	(D)(2)	shall	Any person who owns or operates a subject heatset web offset lithographic printing press shall meet one of the following for the fountain solution used on that press:	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2006 CTG-Lithographic and Letterpress Printing	Yes	Yes	No
3745-21-22	(D)(3)	shall	Any person who owns or operates a subject sheet-fed offset lithographic printing press shall meet one of the following for the fountain solution used on that press:	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2006 CTG-Lithographic and Letterpress Printing	Yes	Yes	No
3745-21-22	(D)(4)	shall	Anyone who owns or operates a subject non-heatset web offset lithographic printing press shall maintain the as-applied VOC content of the fountain solution	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2006 CTG-Lithographic and Letterpress Printing	Yes	Yes	No
3745-21-22	(D)(6)	shall	Any person who owns or operates a subject offset lithographic or letterpress printing press shall meet one of the following for each cleaning solution used for cleaning on that press:	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2006 CTG-Lithographic and Letterpress Printing	Yes	Yes	No
3745-21-22	(D)(7)	shall	Any person who owns or operates a subject offset lithographic or letterpress printing press shall keep all solvent containers closed at all times unless filling, draining, or performing cleanup operations.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2006 CTG-Lithographic and Letterpress Printing	Yes	Yes	No
3745-21-22	(D)(8)	shall	Any person who owns or operates a subject offset lithographic or letterpress printing press shall keep all solvent-laden shop towels in closed containers when not being used.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2006 CTG-Lithographic and Letterpress Printing	Yes	Yes	No
3745-21-22	(E)(1)	shall	The owner or operator of an offset lithographic or letterpress printing facility that is subject to this rule shall comply with this rule no later than the following dates:	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2006 CTG-Lithographic and Letterpress Printing	Yes	Yes	No
3745-21-22	(E)(2)	shall	The owner or operator of an offset lithographic or letterpress printing facility that is subject to this rule shall demonstrate compliance with paragraph (D)(1) of this rule by testing the control device	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2006 CTG-Lithographic and Letterpress Printing	Yes	Yes	No
3745-21-22	(F)(1)	shall	compliance shall be determined by performing emission tests in accordance with the following:	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2006 CTG-Lithographic and Letterpress Printing	Yes	Yes	No
3745-21-22	(F)(1)(a)	shall	the affected source shall be run at typical operating conditions and flow rates compatible with scheduled production during any emission testing.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2006 CTG-Lithographic and Letterpress Printing	Yes	Yes	No
3745-21-22	(F)(1)(b)	shall	The negative dryer pressure shall be established during the initial test using an airflow direction indicator,	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2006 CTG-Lithographic and Letterpress Printing	Yes	Yes	No
3745-21-22	(F)(1)(c)	shall	The following USEPA test methods (in 40 CFR part 60, appendix A) shall be used to demonstrate compliance with the applicable emission	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2006 CTG-Lithographic and Letterpress Printing	Yes	Yes	No
3745-21-22	(F)(1)(c)(i)	shall	USEPA method 1 or 1A, as appropriate, shall be used to select the sampling sites.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2006 CTG-Lithographic and Letterpress Printing	Yes	Yes	No
3745-21-22	(F)(1)(c)(ii)	shall	USEPA method 2, 2A, 2C, or 2D, as appropriate, shall be used to determine the velocity and volumetric flow rate of the exhaust stream.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2006 CTG-Lithographic and Letterpress Printing	Yes	Yes	No
3745-21-22	(F)(1)(c)(iii)	shall	USEPA method 3 or 3A, as appropriate, shall be used to determine the concentration of O2 and CO2.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2006 CTG-Lithographic and Letterpress Printing	Yes	Yes	No
3745-21-22	(F)(1)(c)(iv)	shall	USEPA method 4 shall be used to determine moisture content.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2006 CTG-Lithographic and Letterpress Printing	Yes	Yes	No
3745-21-22	(F)(1)(c)(v)	shall	USEPA method 18, 25, or 25A shall be used to determine the VOC concentration of the exhaust stream entering and exiting the control device,	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2006 CTG-Lithographic and Letterpress Printing	Yes	Yes	No
3745-21-22	(F)(1)(c)(v)	shall	in which case only the VOC concentration of the exit exhaust shall be determined.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2006 CTG-Lithographic and Letterpress Printing	Yes	Yes	No
3745-21-22	(F)(1)(c)(v)	shall	In cases where the anticipated outlet VOC concentration of the control device is less than fifty ppmv as carbon, USEPA method 25A shall be used.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2006 CTG-Lithographic and Letterpress Printing	Yes	Yes	No
3745-21-22	(F)(1)(c)(v)(b)	shall	A compliance test shall consist of up to three separate runs, each lasting a minimum of sixty minutes,	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2006 CTG-Lithographic and Letterpress Printing	Yes	Yes	No
3745-21-22	(F)(1)(c)(v)(e)	shall	The use of an adaptation to any of the analytical methods specified above shall be approved by the director and USEPA on a case-by-case basis.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2006 CTG-Lithographic and Letterpress Printing	Yes	Yes	No
3745-21-22	(F)(1)(c)(v)(e)	shall	The owner or operator shall submit sufficient documentation for the director and USEPA to find that the analytical methods specified above will yield inaccurate results	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2006 CTG-Lithographic and Letterpress Printing	Yes	Yes	No
3745-21-22	(F)(2)	shall	compliance with the VOC content of the as-applied fountain solution shall be determined by one of the methods in paragraphs (F)(2)(a) to (F)(2)(c) of this rule	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2006 CTG-Lithographic and Letterpress Printing	Yes	Yes	No
3745-21-22	(F)(2)(a)	shall	USEPA method 24 shall be used to determine the VOC content of the as-applied fountain solution.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2006 CTG-Lithographic and Letterpress Printing	Yes	Yes	No
3745-21-22	(F)(2)(b)	shall	If diluted prior to use, a calculation shall be performed for VOC content that combines USEPA method 24 analytical data for the concentrated materials	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2006 CTG-Lithographic and Letterpress Printing	Yes	Yes	No

3745-21-22	(F)(2)(c)	shall	If not diluted prior to use, the owner or operator shall use formulation information provided by the supplier,	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2006 CTG-Lithographic and Letterpress Printing	Yes	Yes	No
3745-21-22	(F)(2)(c)	shall	information provided by the supplier and data obtained by USEPA method 24, the data obtained by USEPA method 24 shall be employed.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2006 CTG-Lithographic and Letterpress Printing	Yes	Yes	No
3745-21-22	(F)(2)(d)	shall	the owner or operator shall determine the VOC (alcohol) content of the altered fountain solution using a hydrometer.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2006 CTG-Lithographic and Letterpress Printing	Yes	Yes	No
3745-21-22	(F)(3)	shall	Fahrenheit shall be used to ensure that any refrigerated fountain solution reservoirs are maintained at or below sixty degrees Fahrenheit at all times.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2006 CTG-Lithographic and Letterpress Printing	Yes	Yes	No
3745-21-22	(F)(4)	shall	the VOC content of cleaning solutions shall be determined by one of the following methods:	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2006 CTG-Lithographic and Letterpress Printing	Yes	Yes	No
3745-21-22	(F)(4)(a)	shall	USEPA method 24 shall be used to determine the VOC content of the cleaning solution.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2006 CTG-Lithographic and Letterpress Printing	Yes	Yes	No
3745-21-22	(F)(4)(b)	shall	If diluted prior to use, a calculation shall be performed for VOC content that combines USEPA method 24 analytical data for the concentrated materials used to prepare the cleaning solution	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2006 CTG-Lithographic and Letterpress Printing	Yes	Yes	No
3745-21-22	(F)(4)(c)	shall	If not diluted prior to use, the owner or operator shall use formulation information provided by the supplier,	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2006 CTG-Lithographic and Letterpress Printing	Yes	Yes	No
3745-21-22	(F)(4)(c)	shall	the data obtained by USEPA method 24 shall be employed.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2006 CTG-Lithographic and Letterpress Printing	Yes	Yes	No
3745-21-22	(F)(5)	shall	the VOC composite partial vapor pressure of cleaning solutions shall be determined by one of the following methods:	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2006 CTG-Lithographic and Letterpress Printing	Yes	Yes	No
3745-21-22	(F)(5)(a)(iii)	shall	For the purpose of this calculation, the blended solvent shall be assumed to be an ideal solution	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2006 CTG-Lithographic and Letterpress Printing	Yes	Yes	No
3745-21-22	(F)(5)(a)(iii)	shall	The partial vapor pressures of each compound at twenty degrees Celsius (sixty-eight degrees Fahrenheit) shall be used in the formula.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2006 CTG-Lithographic and Letterpress Printing	Yes	Yes	No
3745-21-22	(F)(5)(a)(iii)	shall	The VOC composite partial pressure shall be calculated as follows:	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2006 CTG-Lithographic and Letterpress Printing	Yes	Yes	No
3745-21-22	(F)(5)(b)	shall	If not diluted prior to use, the owner or operator shall use formulation information provided by the supplier,	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2006 CTG-Lithographic and Letterpress Printing	Yes	Yes	No
3745-21-22	(G)(1)	shall	subject to the control requirements specified in paragraph (D)(1) of this rule, shall install and operate continuous temperature monitoring and recording equipment	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2006 CTG-Lithographic and Letterpress Printing	Yes	Yes	No
3745-21-22	(G)(1)	shall	and shall collect and record the following information and maintain the information at the facility for a period of five years:	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2006 CTG-Lithographic and Letterpress Printing	Yes	Yes	No
3745-21-22	(G)(1)(d)	shall	For catalytic oxidizers, the catalyst bed material shall be inspected annually for general catalyst condition and any signs of potential catalyst depletion.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2006 CTG-Lithographic and Letterpress Printing	Yes	Yes	No
3745-21-22	(G)(1)(d)	shall	The owner or operator shall also collect a representative sample of the catalyst from the oxidizer,	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2006 CTG-Lithographic and Letterpress Printing	Yes	Yes	No
3745-21-22	(G)(1)(d)	shall	An evaluation of the catalyst bed material shall be conducted whenever the results of the inspection indicate signs of potential catalyst depletion	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2006 CTG-Lithographic and Letterpress Printing	Yes	Yes	No
3745-21-22	(G)(2)	shall	sheet-fed offset lithographic printing press subject to paragraph (D)(2)(b) or (D)(3)(b) of this rule shall measure the following:	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2006 CTG-Lithographic and Letterpress Printing	Yes	Yes	No
3745-21-22	(G)(2)(a)	shall	The owner or operator shall maintain records of the results of the measurements at the facility for a period of five years.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2006 CTG-Lithographic and Letterpress Printing	Yes	Yes	No
3745-21-22	(G)(2)(a)	shall	The alcohol content of the fountain solution shall be measured using a hydrometer.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2006 CTG-Lithographic and Letterpress Printing	Yes	Yes	No
3745-21-22	(G)(2)(a)	shall	The hydrometer shall have a visual, analog, or digital readout with an accuracy of 0.5 per cent;	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2006 CTG-Lithographic and Letterpress Printing	Yes	Yes	No
3745-21-22	(G)(2)(a)	shall	and a standard solution shall be used to calibrate the hydrometer for the type of alcohol used in the fountain solution.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2006 CTG-Lithographic and Letterpress Printing	Yes	Yes	No
3745-21-22	(G)(2)(b)	shall	The owner or operator shall maintain records of the results of the measurements at the facility for a period of five years.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2006 CTG-Lithographic and Letterpress Printing	Yes	Yes	No
3745-21-22	(G)(3)	shall	The owner or operator of a subject offset lithographic printing press shall maintain records, for a period of five years, of one of the following for fountain solution preparation:	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2006 CTG-Lithographic and Letterpress Printing	Yes	Yes	No
3745-21-22	(G)(3)(a)(i)	shall	Each recipe shall be maintained in the recipe log for a period of five years from the date the recipe was last prepared for a press.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2006 CTG-Lithographic and Letterpress Printing	Yes	Yes	No
3745-21-22	(G)(3)(a)(i)	shall	Each recipe shall clearly identify the following:	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2006 CTG-Lithographic and Letterpress Printing	Yes	Yes	No
3745-21-22	(G)(4)	shall	The owner or operator of a subject offset lithographic or letterpress printing press shall maintain records, for a period of five years,	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2006 CTG-Lithographic and Letterpress Printing	Yes	Yes	No
3745-21-22	(G)(4)(a)(i)	shall	Each recipe shall be maintained in the recipe log for a period of five years from the date the recipe was last prepared.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2006 CTG-Lithographic and Letterpress Printing	Yes	Yes	No

3745-21-22	(G)(4)(a)(i)	shall	Each recipe shall clearly identify one of the following:	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2006 CTG-Lithographic and Letterpress Printing	Yes	Yes	No
3745-21-22	(G)(5)	shall	The owner or operator of a subject offset lithographic or letterpress printing press shall maintain monthly records of the following information:	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2006 CTG-Lithographic and Letterpress Printing	Yes	Yes	No
3745-21-22	(H)	shall	The owner or operator of an offset lithographic or letterpress printing facility that is subject to this rule shall notify the director of any of the following exceedances of applicable requirements.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2006 CTG-Lithographic and Letterpress Printing	Yes	Yes	No
3745-21-22	(H)	shall	Each notification shall be submitted to the director within forty-five days after the instance occurs,	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2006 CTG-Lithographic and Letterpress Printing	Yes	Yes	No
3745-21-22	(H)	shall	and the notification shall include a copy of the record showing the instance.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2006 CTG-Lithographic and Letterpress Printing	Yes	Yes	No
3745-21-22	(I)	shall	the following retention factors and capture efficiencies shall be used:	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2006 CTG-Lithographic and Letterpress Printing	Yes	Yes	No
3745-21-22	(I)(1)	shall	The following retention factors shall be used:	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2006 CTG-Lithographic and Letterpress Printing	Yes	Yes	No
3745-21-22	(I)(1)(a)	shall	A twenty per cent VOC retention factor shall be used for heatset inks printed on absorptive substrates,	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2006 CTG-Lithographic and Letterpress Printing	Yes	Yes	No
3745-21-22	(I)(1)(b)	shall	ninety-five per cent VOC retention factor shall be used for sheet-fed and non-heatset web inks printed on absorptive substrates,	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2006 CTG-Lithographic and Letterpress Printing	Yes	Yes	No
3745-21-22	(I)(1)(c)	shall	A fifty per cent VOC retention factor shall be used for cleaning solution VOC in	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2006 CTG-Lithographic and Letterpress Printing	Yes	Yes	No
3745-21-22	(I)(2)	shall	The following capture efficiencies shall be used:	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2006 CTG-Lithographic and Letterpress Printing	Yes	Yes	No
3745-21-22	(I)(2)(a)	shall	A one hundred per cent VOC carry over efficiency shall be used for inks.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2006 CTG-Lithographic and Letterpress Printing	Yes	Yes	No
3745-21-22	(I)(2)(b)	shall	A seventy per cent VOC carry over efficiency shall be used for fountain solutions containing alcohol substitutes.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2006 CTG-Lithographic and Letterpress Printing	Yes	Yes	No
3745-21-22	(I)(2)(c)	shall	A forty per cent VOC carry over efficiency shall to be used for automatic blanket wash solutions	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2006 CTG-Lithographic and Letterpress Printing	Yes	Yes	No
3745-21-22	(J)(1)	shall	with an initial startup date before April 2, 2009 of this rule shall notify the Ohio EPA district office or local air agency in writing	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2006 CTG-Lithographic and Letterpress Printing	Yes	Yes	No
3745-21-22	(J)(1)	shall	The notification, which shall be submitted not later than June 1, 2009	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2006 CTG-Lithographic and Letterpress Printing	Yes	Yes	No
3745-21-22	(J)(1)	shall	shall provide the following information:	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2006 CTG-Lithographic and Letterpress Printing	Yes	Yes	No
3745-21-22	(J)(1)(e)(iii)	shall	Such certification shall include all compliance certification requirements under paragraph (J)(3) of this rule.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2006 CTG-Lithographic and Letterpress Printing	Yes	Yes	No
3745-21-22	(J)(2)	shall	with an initial startup date on or after April 2, 2009 of this rule shall notify the Ohio EPA district office or local air agency in writing that	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2006 CTG-Lithographic and Letterpress Printing	Yes	Yes	No
3745-21-22	(J)(2)	shall	The notification, which shall be submitted not later than either the date of initial startup of the offset lithographic	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2006 CTG-Lithographic and Letterpress Printing	Yes	Yes	No
3745-21-22	(J)(2)	shall	shall provide the information listed under paragraph (J)(1) of this rule.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2006 CTG-Lithographic and Letterpress Printing	Yes	Yes	No
3745-21-22	(J)(3)(a)	shall	an offset lithographic or letterpress printing facility that is subject to this rule shall notify the Ohio EPA district office or local air agency in writing within thirty days following the completion of any of the following:	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2006 CTG-Lithographic and Letterpress Printing	Yes	Yes	No
3745-21-22	(J)(3)(b)	shall	The compliance certification under paragraph (J)(3)(a) of this rule shall provide the following, where applicable:	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2006 CTG-Lithographic and Letterpress Printing	Yes	Yes	No
3745-21-22	(K)(1)	shall	the owner or operator shall maintain one of the following records:	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2006 CTG-Lithographic and Letterpress Printing	Yes	Yes	No
3745-21-22	(K)(1)(b)(vi)	shall	VOC calculations shall be based on the following formula using applicable retention factors identified in paragraph (I)(1) of this rule:	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2006 CTG-Lithographic and Letterpress Printing	Yes	Yes	No
3745-21-22	(K)(2)	shall	control requirements in paragraph (D)(1) of this rule, the owner or operator shall maintain the following records on a monthly basis for each such press:	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2006 CTG-Lithographic and Letterpress Printing	Yes	Yes	No
3745-21-22	(K)(3)	shall	records required under paragraph (J) of this rule, the owner or operator shall comply with said requirements of this rule.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2006 CTG-Lithographic and Letterpress Printing	Yes	Yes	No
3745-21-23	(C)(2)(f)	must	The discharged solvent from the equipment must be collected into containers without atomizing into the open air.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2006 CTG-Industrial Cleaning Solvents	Yes	Yes	No
3745-21-23	(C)(6)(b)(i)(b)(i)	must	Equipment being cleaned must be maintained leak free.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2006 CTG-Industrial Cleaning Solvents	Yes	Yes	No
3745-21-23	(C)(6)(b)(i)(b)(ii)	must	VOC-containing cleaning materials must be drained from the cleaned equipment upon completion of cleaning.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2006 CTG-Industrial Cleaning Solvents	Yes	Yes	No

3745-21-23	(C)(3)	prohibited	a facility that is subject to this rule is prohibited from atomizing any solvent unless the emissions are vented to VOC emission control equipment	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2006 CTG-Industrial Cleaning Solvents	Yes	Yes	No
3745-21-23	(E)(3)	required	in accordance with paragraph (F)(2) of this rule may be required by the director to ensure continued compliance.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2006 CTG-Industrial Cleaning Solvents	Yes	Yes	No
3745-21-23	(G)(2)(b)(iii)(b)	required	Records required by an inspection and maintenance plan for the catalytic incinerator that meets paragraph (G)(8) of this rule.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2006 CTG-Industrial Cleaning Solvents	Yes	Yes	No
3745-21-23	(H)(2)	required	subject to paragraph (C)(5) of this rule shall submit to the director quarterly summaries of the records required by paragraphs (G)(2)(b) and (G)(3)(b) of this rule.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2006 CTG-Industrial Cleaning Solvents	Yes	Yes	No
3745-21-23	(I)(1)(e)(ii)	required	An application for an operating permit or permit-to-install and operate is not required provided the subject process is operating under an effective permit	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2006 CTG-Industrial Cleaning Solvents	Yes	Yes	No
3745-21-23	(I)(3)(a)(ii)(b)	required	initial use of any monitoring devices required under paragraph (G) of this rule for the solvent cleaning	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2006 CTG-Industrial Cleaning Solvents	Yes	Yes	No
3745-21-23	(J)(1)(b)	required	maintain the following records in lieu of the records required under paragraph (J)(1)(a) of this rule:	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2006 CTG-Industrial Cleaning Solvents	Yes	Yes	No
3745-21-23	(A)(1)	shall	Paragraphs (B) to (I) of this rule shall apply to any facility that meets all of the following criteria:	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2006 CTG-Industrial Cleaning Solvents	Yes	Yes	No
3745-21-23	(A)(2)	shall	This rule shall not apply to cleaning operations in the following source categories listed for regulation under Section 183(e) of the Clean Air Act:	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2006 CTG-Industrial Cleaning Solvents	Yes	Yes	No
3745-21-23	(C)(1)	shall	The owner or operator of a facility that is subject to this rule shall not use a solvent to perform solvent cleaning operations unless the solvent complies with	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2006 CTG-Industrial Cleaning Solvents	Yes	Yes	No
3745-21-23	(C)(2)	shall	operator of a facility that is subject to this rule shall employ only the following cleaning devices and methods:	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2006 CTG-Industrial Cleaning Solvents	Yes	Yes	No
3745-21-23	(C)(2)(d)(iv)	shall	Auxiliary equipment, such as pumps, pipelines, or flanges, shall not have any liquid leaks,	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2006 CTG-Industrial Cleaning Solvents	Yes	Yes	No
3745-21-23	(C)(2)(d)(iv)	shall	Any liquid leak, visible tear, or crack detected shall be repaired within one calendar day	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2006 CTG-Industrial Cleaning Solvents	Yes	Yes	No
3745-21-23	(C)(2)(d)(iv)	shall	reservoir cold cleaner shall be drained of all solvent and shut down	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2006 CTG-Industrial Cleaning Solvents	Yes	Yes	No
3745-21-23	(C)(4)	shall	solvents used in solvent cleaning operations shall be stored in non-absorbent, non-leaking containers	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2006 CTG-Industrial Cleaning Solvents	Yes	Yes	No
3745-21-23	(C)(4)	shall	non-leaking containers which shall be kept closed at all times except when filling or emptying.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2006 CTG-Industrial Cleaning Solvents	Yes	Yes	No
3745-21-23	(C)(5)	shall	The VOC emission control equipment shall comply with all of the following:	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2006 CTG-Industrial Cleaning Solvents	Yes	Yes	No
3745-21-23	(C)(6)(b)(i)(b)(iii)	shall	cleaning materials, including waste solvent, shall not be stored or disposed of in such a manner that will cause	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2006 CTG-Industrial Cleaning Solvents	Yes	Yes	No
3745-21-23	(C)(6)(b)(i)(c)	shall	at least ninety per cent of the organic carbon shall be oxidized to carbon dioxide.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2006 CTG-Industrial Cleaning Solvents	Yes	Yes	No
3745-21-23	(C)(6)(b)(i)(d)	shall	no more than sixty gallons of fresh solvent shall be used per month.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2006 CTG-Industrial Cleaning Solvents	Yes	Yes	No
3745-21-23	(C)(6)(b)(i)(d)	shall	in equipment cleaning or the manufacture of coating, ink, or adhesive shall not be included in this limit.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2006 CTG-Industrial Cleaning Solvents	Yes	Yes	No
3745-21-23	(C)(6)(b)(ii)	shall	When using solvent for wipe cleaning, the owner or operator of a facility shall do the following	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2006 CTG-Industrial Cleaning Solvents	Yes	Yes	No
3745-21-23	(D)(4)	shall	Cleaning with aerosol products shall be exempt from paragraphs (C)(1) and (C)(3) of this rule	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2006 CTG-Industrial Cleaning Solvents	Yes	Yes	No
3745-21-23	(E)(1)	shall	The owner or operator of a facility that is subject to this rule shall comply with this rule no later than the following dates:	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2006 CTG-Industrial Cleaning Solvents	Yes	Yes	No
3745-21-23	(E)(2)	shall	the owner or operator shall demonstrate compliance with paragraph (C)(5) of this rule by testing the VOC emission control equipment	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2006 CTG-Industrial Cleaning Solvents	Yes	Yes	No
3745-21-23	(F)(1)	shall	formulation data from the solvent material supplier, shall be used to determine the VOC content	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2006 CTG-Industrial Cleaning Solvents	Yes	Yes	No
3745-21-23	(F)(2)	shall	compliance shall be determined by performing emission tests	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2006 CTG-Industrial Cleaning Solvents	Yes	Yes	No
3745-21-23	(F)(2)(a)	shall	general provisions specified under paragraphs (A)(2) to (A)(5) of rule 3745-21-10 of the Administrative Code shall apply to the compliance testing	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2006 CTG-Industrial Cleaning Solvents	Yes	Yes	No
3745-21-23	(F)(2)(b)	shall	and procedures of paragraph (C) of rule 3745-21-10 of the Administrative Code shall be followed.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2006 CTG-Industrial Cleaning Solvents	Yes	Yes	No
3745-21-23	(F)(3)	shall	The composite partial pressure of solvents shall be determined by the following:	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2006 CTG-Industrial Cleaning Solvents	Yes	Yes	No

3745-21-23	(F)(3)(c)	shall	the blended solvent shall be assumed to be an ideal solution where "Raoult's Law" applies.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2006 CTG-Industrial Cleaning Solvents	Yes	Yes	No
3745-21-23	(F)(3)(c)	shall	The partial pressures of each compound at twenty degrees Celsius (sixty-eight degrees Fahrenheit) shall be used in the formula.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2006 CTG-Industrial Cleaning Solvents	Yes	Yes	No
3745-21-23	(G)(1)	shall	VOC-content limitations specified in paragraph (C)(1) of this rule shall collect and record the following information each month	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2006 CTG-Industrial Cleaning Solvents	Yes	Yes	No
3745-21-23	(G)(1)	shall	VOC-content limitation and shall maintain the information at the facility for a period of five years:	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2006 CTG-Industrial Cleaning Solvents	Yes	Yes	No
3745-21-23	(G)(2)	shall	and employs a thermal incinerator or catalytic incinerator to achieve and maintain compliance, the owner or operator shall comply with the following:	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2006 CTG-Industrial Cleaning Solvents	Yes	Yes	No
3745-21-23	(G)(2)(a)	shall	Continuous temperature monitoring and continuous temperature recording equipment shall be installed and operated	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2006 CTG-Industrial Cleaning Solvents	Yes	Yes	No
3745-21-23	(G)(2)(b)	shall	The following information shall be collected and recorded each day of operation of the solvent cleaning operation and the control device, and the information shall be maintained at the facility for a period of five years:	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2006 CTG-Industrial Cleaning Solvents	Yes	Yes	No
3745-21-23	(G)(2)(b)	shall	The following information shall be collected and recorded each day of operation of the solvent cleaning operation and the control device, and the information shall be maintained at the facility for a period of five years:	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2006 CTG-Industrial Cleaning Solvents	Yes	Yes	No
3745-21-23	(G)(3)	shall	and employs a carbon adsorption system to achieve and maintain compliance, the owner or operator shall comply with the following:	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2006 CTG-Industrial Cleaning Solvents	Yes	Yes	No
3745-21-23	(G)(3)(a)	shall	the following types of monitoring and recording equipment shall be installed and operated for the carbon adsorption	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2006 CTG-Industrial Cleaning Solvents	Yes	Yes	No
3745-21-23	(G)(3)(b)	shall	The following information shall be collected and recorded each day of operation of the solvent cleaning operation	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2006 CTG-Industrial Cleaning Solvents	Yes	Yes	No
3745-21-23	(G)(3)(b)	shall	and the information shall be maintained at the facility for a period of five years:	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2006 CTG-Industrial Cleaning Solvents	Yes	Yes	No
3745-21-23	(G)(4)	shall	VOC-content limitation specified in paragraph (C)(1) of this rule, pursuant to paragraph (D)(2)(e) or (D)(2)(m) of this rule, shall collect and record the following information each day for each such solvent cleaning operation and shall maintain the information at the facility for a period of five years:	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2006 CTG-Industrial Cleaning Solvents	Yes	Yes	No
3745-21-23	(G)(4)	shall	VOC-content limitation specified in paragraph (C)(1) of this rule, pursuant to paragraph (D)(2)(e) or (D)(2)(m) of this rule, shall collect and record the following information each day for each such solvent cleaning operation and shall maintain the information at the facility for a period of five years:	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2006 CTG-Industrial Cleaning Solvents	Yes	Yes	No
3745-21-23	(G)(5)	shall	pursuant to paragraph (D)(4) of this rule, shall collect and record the following information each day for each such solvent cleaning operation and shall maintain the information at the facility for a period of five years:	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2006 CTG-Industrial Cleaning Solvents	Yes	Yes	No
3745-21-23	(G)(5)	shall	pursuant to paragraph (D)(4) of this rule, shall collect and record the following information each day for each such solvent cleaning operation and shall maintain the information at the facility for a period of five years:	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2006 CTG-Industrial Cleaning Solvents	Yes	Yes	No
3745-21-23	(G)(6)	shall	pursuant to paragraph (D)(2)(i) of this rule, shall record each day the total volume of ethyl acetate employed in such solvent cleaning operation and shall maintain the information at the facility for a period of five years.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2006 CTG-Industrial Cleaning Solvents	Yes	Yes	No
3745-21-23	(G)(6)	shall	pursuant to paragraph (D)(2)(i) of this rule, shall record each day the total volume of ethyl acetate employed in such solvent cleaning operation and shall maintain the information at the facility for a period of five years.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2006 CTG-Industrial Cleaning Solvents	Yes	Yes	No
3745-21-23	(G)(7)	shall	Any manufacturer of coatings, inks, or adhesives that complies with paragraph (C)(6)(b)(i)(d) of this rule, shall record the following information each month for each cleaning material and shall maintain the information at the facility for a period of five years:	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2006 CTG-Industrial Cleaning Solvents	Yes	Yes	No
3745-21-23	(G)(7)	shall	Any manufacturer of coatings, inks, or adhesives that complies with paragraph (C)(6)(b)(i)(d) of this rule, shall record the following information each month for each cleaning material and shall maintain the information at the facility for a period of five years:	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2006 CTG-Industrial Cleaning Solvents	Yes	Yes	No
3745-21-23	(G)(8)	shall	an inspection and maintenance plan shall be developed, maintained on-site, and made readily available upon the request of the appropriate Ohio EPA district office or local air agency.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2006 CTG-Industrial Cleaning Solvents	Yes	Yes	No
3745-21-23	(G)(8)	shall	At a minimum, the plan shall include the following:	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2006 CTG-Industrial Cleaning Solvents	Yes	Yes	No
3745-21-23	(G)(8)(c)	shall	action consistent with the manufacturer's recommendations shall be implemented and a new performance test to determine destruction efficiency in accordance with paragraph (C) of rule 3745-21-10 of the Administrative Code shall be conducted.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2006 CTG-Industrial Cleaning Solvents	Yes	Yes	No
3745-21-23	(G)(8)(c)	shall	action consistent with the manufacturer's recommendations shall be implemented and a new performance test to determine destruction efficiency in accordance with paragraph (C) of rule 3745-21-10 of the Administrative Code shall be conducted.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2006 CTG-Industrial Cleaning Solvents	Yes	Yes	No
3745-21-23	(H)(1)	shall	the VOC-content limitations specified in paragraph (C)(1) of this rule shall notify the director of any record maintained	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2006 CTG-Industrial Cleaning Solvents	Yes	Yes	No
3745-21-23	(H)(1)	shall	rule showing the use of noncomplying solvents. A copy of such record shall be sent to the director within thirty days following the end of the month in which the use of noncomplying solvents occurs.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2006 CTG-Industrial Cleaning Solvents	Yes	Yes	No
3745-21-23	(H)(2)	shall	Any owner or operator of a solvent cleaning operation that employs control equipment and is subject to paragraph (C)(5) of this rule shall submit to the director quarterly	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2006 CTG-Industrial Cleaning Solvents	Yes	Yes	No

3745-21-23	(H)(2)	shall	rule. These quarterly reports shall be submitted no later than April thirtieth, July thirty-first, October thirty-first, and January thirty-first, and shall cover the records	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2006 CTG-Industrial Cleaning Solvents	Yes	Yes	No
3745-21-23	(H)(2)	shall	rule. These quarterly reports shall be submitted no later than April thirtieth, July thirty-first, October thirty-first, and January thirty-first, and shall cover the records	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2006 CTG-Industrial Cleaning Solvents	Yes	Yes	No
3745-21-23	(H)(3)	shall	VOC-content limitation specified in paragraph (C)(1) of this rule, pursuant to paragraph (D)(2)(e) or (D)(2)(m) of this rule, shall notify the director of any record	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2006 CTG-Industrial Cleaning Solvents	Yes	Yes	No
3745-21-23	(H)(3)	shall	limit. A copy of such record shall be sent to the director within thirty days following the end of the month in which the exceedance occurs.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2006 CTG-Industrial Cleaning Solvents	Yes	Yes	No
3745-21-23	(H)(4)	shall	Any owner or operator of a solvent cleaning operation that is exempt from paragraphs (C)(1) and (C)(3) of this rule, pursuant to paragraph (D)(4) of this rule, shall notify the director of any record maintained in accordance with paragraph (G)(5)	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2006 CTG-Industrial Cleaning Solvents	Yes	Yes	No
3745-21-23	(H)(4)	shall	daily usage limit for aerosol products. A copy of such record shall be sent to the director within thirty days following the end of the month in which the exceedance	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2006 CTG-Industrial Cleaning Solvents	Yes	Yes	No
3745-21-23	(H)(5)	shall	VOC-content limitation specified in paragraph (C)(1) of this rule, pursuant to paragraph (D)(2)(i) of this rule, shall notify the director of any record maintained in	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2006 CTG-Industrial Cleaning Solvents	Yes	Yes	No
3745-21-23	(H)(5)	shall	operation employs more than the maximum daily usage limit for ethyl acetate. A copy of such record shall be sent to the director within thirty days following the end of the month in which the exceedance occurs.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2006 CTG-Industrial Cleaning Solvents	Yes	Yes	No
3745-21-23	(I)(1)	shall	The owner or operator of a facility that is subject to this rule and that has a solvent cleaning operation with an initial startup date before April 2, 2009 shall notify the Ohio EPA district office or local air agency	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2006 CTG-Industrial Cleaning Solvents	Yes	Yes	No
3745-21-23	(I)(1)	shall	operation is subject to this rule. The notification, which shall be submitted not later than June 1, 2009 (or within sixty days after the solvent cleaning operation becomes subject to this rule), shall provide the following information:	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2006 CTG-Industrial Cleaning Solvents	Yes	Yes	No
3745-21-23	(I)(1)	shall	operation is subject to this rule. The notification, which shall be submitted not later than June 1, 2009 (or within sixty days after the solvent cleaning operation becomes subject to this rule), shall provide the following information:	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2006 CTG-Industrial Cleaning Solvents	Yes	Yes	No
3745-21-23	(I)(1)(e)(ii)	shall	certifies compliance. Such certification shall include all compliance certification requirements under paragraph (I)(3) of this rule.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2006 CTG-Industrial Cleaning Solvents	Yes	Yes	No
3745-21-23	(I)(2)	shall	The owner or operator of a facility that is subject to this rule and that has a solvent cleaning operation with an initial startup date on or after April 2, 2009 of this rule shall notify the Ohio EPA district office	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2006 CTG-Industrial Cleaning Solvents	Yes	Yes	No
3745-21-23	(I)(2)	shall	The notification, which shall be submitted not later than either the date of initial startup of the solvent cleaning operation or June 1, 2009, whichever is later, and shall provide the information listed under paragraph (I)(1) of this rule.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2006 CTG-Industrial Cleaning Solvents	Yes	Yes	No
3745-21-23	(I)(2)	shall	The notification, which shall be submitted not later than either the date of initial startup of the solvent cleaning operation or June 1, 2009, whichever is later, and shall provide the information listed under paragraph (I)(1) of this rule.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2006 CTG-Industrial Cleaning Solvents	Yes	Yes	No
3745-21-23	(I)(3)	shall	The owner or operator of a facility that is subject to this rule shall notify the Ohio EPA district office or local air agency in writing within thirty days following the	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2006 CTG-Industrial Cleaning Solvents	Yes	Yes	No
3745-21-23	(I)(3)(b)	shall	The compliance certification under paragraph (I)(3)(a) of this rule shall provide the following, where applicable:	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2006 CTG-Industrial Cleaning Solvents	Yes	Yes	No
3745-21-23	(J)(1)	shall	therefore, the facility is not subject to the requirements in paragraphs (B) to (I) of this rule, shall select one of the following methods	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2006 CTG-Industrial Cleaning Solvents	Yes	Yes	No
3745-21-23	(J)(1)(a)(iv)	shall	The rolling twelve-month summation shall be calculated as the total VOC emissions	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2006 CTG-Industrial Cleaning Solvents	Yes	Yes	No
3745-21-24	(C)(3)	prohibited	The averaging of VOC emissions over two or more coating lines in order to demonstrate compliance with an applicable emission limitation (i.e., cross-line averaging) is prohibited except as otherwise provided in this rule.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2006 CTG-Flat Wood Paneling Coatings	Yes	Yes	No
3745-21-24	(F)(7)(g)(ii)	required	Records required by an inspection and maintenance plan for the catalytic incinerator that meets paragraph (H)(2)(b)(iv) of this rule.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2006 CTG-Flat Wood Paneling Coatings	Yes	Yes	No
3745-21-24	(F)(9)(c)(ii)	required	Records required by an inspection and maintenance plan for the catalytic incinerator that meets paragraph (H)(2)(b)(iv) of this rule.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2006 CTG-Flat Wood Paneling Coatings	Yes	Yes	No
3745-21-24	(F)(10)	required	(F)(7) and (F)(9) of this rule shall submit to the director quarterly summaries of the records required by paragraphs (F)(7)(e) to (F)(7)(k) and (F)(9)(a)	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2006 CTG-Flat Wood Paneling Coatings	Yes	Yes	No
3745-21-24	(F)(11)	required	recording devices (i.e., for temperature or VOC concentration) and, if necessary, perform emission tests for the coating line to enable the recordkeeping required by paragraphs (F)(7)(f) to (F)(7)(k)	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2006 CTG-Flat Wood Paneling Coatings	Yes	Yes	No
3745-21-24	(J)(3)	required	The notification required in paragraphs (J)(1) and (J)(2) of this rule shall include the following information:	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2006 CTG-Flat Wood Paneling Coatings	Yes	Yes	No
3745-21-24	(J)(3)(e)(ii)	required	An application for an operating permit or permit-to-install and operate is not required provided the subject process is operating under an effective permit	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2006 CTG-Flat Wood Paneling Coatings	Yes	Yes	No
3745-21-24	(A)	shall	This rule shall apply to any facility that meets both of the following criteria:	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2006 CTG-Flat Wood Paneling Coatings	Yes	Yes	No
3745-21-24	(C)(1)	shall	The owner or operator of a facility that is subject to this rule shall not apply any flat wood paneling coating that exceeds the VOC content limitations	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2006 CTG-Flat Wood Paneling Coatings	Yes	Yes	No
3745-21-24	(C)(3)	shall	The VOC contents and densities of the coating materials subject to paragraph (C)(1) of this rule shall be determined in accordance with paragraph (B) of rule 3745-21-10	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2006 CTG-Flat Wood Paneling Coatings	Yes	Yes	No

3745-21-24	(C)(3)	shall	efficiency for coating lines subject to paragraph (C) of this rule shall be determined in accordance with paragraph (C) of rule 3745-21-10	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2006 CTG-Flat Wood Paneling Coatings	Yes	Yes	No
3745-21-24	(D)	shall	The owner or operator of a facility shall not apply coatings to wood products subject to the provisions of this rule unless the coating is applied with	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2006 CTG-Flat Wood Paneling Coatings	Yes	Yes	No
3745-21-24	(E)	shall	The owner or operator of a facility using VOC-containing materials in any flat wood paneling coating line shall ensure that VOC emissions are minimized	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2006 CTG-Flat Wood Paneling Coatings	Yes	Yes	No
3745-21-24	(F)(1)	shall	VOC emissions from all flat wood paneling coating lines at the facility are less than 15.0 pounds of VOC per day (before add-on controls) shall collect and record the information each day	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2006 CTG-Flat Wood Paneling Coatings	Yes	Yes	No
3745-21-24	(F)(1)(c)	shall	which the owner or operator accurately measured or calculated the volume of each coating, as applied, shall also be described in the certification to the director.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2006 CTG-Flat Wood Paneling Coatings	Yes	Yes	No
3745-21-24	(F)(2)	shall	Any owner or operator of a flat wood paneling coating line referenced in paragraph (F)(1) of this rule shall notify the director of any daily record showing that the combined VOC emissions	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2006 CTG-Flat Wood Paneling Coatings	Yes	Yes	No
3745-21-24	(F)(2)	shall	A copy of such record shall be sent to the director within forty-five days after the exceedance occurs.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2006 CTG-Flat Wood Paneling Coatings	Yes	Yes	No
3745-21-24	(F)(3)	shall	of the use of complying coatings (i.e., each coating complies with the applicable emission limitation as applied) as specified in paragraph (C)(1) of this rule, shall collect and record the following information each month	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2006 CTG-Flat Wood Paneling Coatings	Yes	Yes	No
3745-21-24	(F)(4)	shall	Any owner or operator of a flat wood paneling coating line referenced in paragraph (F)(3) of this rule shall notify the director of any monthly record showing the use of noncomplying coatings.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2006 CTG-Flat Wood Paneling Coatings	Yes	Yes	No
3745-21-24	(F)(4)	shall	A copy of such record shall be sent to the director within thirty days following the end of the calendar month	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2006 CTG-Flat Wood Paneling Coatings	Yes	Yes	No
3745-21-24	(F)(5)	shall	in paragraph (C)(1) of this rule by means of a daily volume-weighted average VOC content shall collect and record the following information each day	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2006 CTG-Flat Wood Paneling Coatings	Yes	Yes	No
3745-21-24	(F)(6)	shall	(F)(5) of this rule shall notify the director of any daily record showing that the daily volume-weighted average VOC content exceeds the applicable emission limitation.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2006 CTG-Flat Wood Paneling Coatings	Yes	Yes	No
3745-21-24	(F)(6)	shall	A copy of such record shall be sent to the director within forty-five days after the exceedance occurs.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2006 CTG-Flat Wood Paneling Coatings	Yes	Yes	No
3745-21-24	(F)(7)	shall	solids limitation by means of control equipment shall collect and record the following information each day for the flat wood paneling coating line and maintain	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2006 CTG-Flat Wood Paneling Coatings	Yes	Yes	No
3745-21-24	(F)(7)(d)	shall	The calculated, controlled VOC emission rate, in mass of VOC per unit volume of coating solids, as applied. The controlled VOC emission rate shall be calculated using the following:	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2006 CTG-Flat Wood Paneling Coatings	Yes	Yes	No
3745-21-24	(F)(8)	shall	Any owner or operator of a flat wood paneling coating line referenced in paragraph (F)(7) of this rule shall notify the director of any daily record showing that	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2006 CTG-Flat Wood Paneling Coatings	Yes	Yes	No
3745-21-24	(F)(8)	shall	A copy of such record shall be sent to the director within forty-five days after the exceedance occurs.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2006 CTG-Flat Wood Paneling Coatings	Yes	Yes	No
3745-21-24	(F)(9)	shall	requirements or overall control efficiency requirements contained in paragraph (C)(2) of this rule shall collect and record the following information each day	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2006 CTG-Flat Wood Paneling Coatings	Yes	Yes	No
3745-21-24	(F)(10)	shall	(F)(7) and (F)(9) of this rule shall submit to the director quarterly summaries of the records required by paragraphs (F)(7)(e) to (F)(7)(k) and (F)(9)(a)	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2006 CTG-Flat Wood Paneling Coatings	Yes	Yes	No
3745-21-24	(F)(10)	shall	These quarterly reports shall be submitted by April thirtieth, July thirtyfirst, October thirty-first, and January thirty-first, and shall cover the records for the previous calendar quarters.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2006 CTG-Flat Wood Paneling Coatings	Yes	Yes	No
3745-21-24	(F)(10)	shall	These quarterly reports shall be submitted by April thirtieth, July thirtyfirst, October thirty-first, and January thirty-first, and shall cover the records for the previous calendar quarters.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2006 CTG-Flat Wood Paneling Coatings	Yes	Yes	No
3745-21-24	(F)(11)	shall	Any owner or operator of a flat wood paneling coating line referenced in paragraphs (F)(7) and (F)(9) of this rule shall install and operate continuous monitoring and recording devices	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2006 CTG-Flat Wood Paneling Coatings	Yes	Yes	No
3745-21-24	(F)(11)	shall	paragraphs (F)(7)(f) to (F)(7)(k) and (F)(9)(b) to (F)(9)(g) of this rule. The continuous monitoring and recording devices shall be installed and placed in	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2006 CTG-Flat Wood Paneling Coatings	Yes	Yes	No
3745-21-24	(F)(11)	shall	The continuous monitoring and recording devices shall be capable of accurately measuring the desired parameter, and the owner or operator shall properly operate	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2006 CTG-Flat Wood Paneling Coatings	Yes	Yes	No
3745-21-24	(F)(11)	shall	The continuous monitoring and recording devices shall be capable of accurately measuring the desired parameter, and the owner or operator shall properly operate	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2006 CTG-Flat Wood Paneling Coatings	Yes	Yes	No
3745-21-24	(G)(1)	shall	The VOC content and solids content of a coating shall be determined by the owner or operator in accordance with paragraph (B) of rule 3745-21-10	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2006 CTG-Flat Wood Paneling Coatings	Yes	Yes	No
3745-21-24	(G)(2)	shall	The VOC content, in pounds VOC per gallon of coating, excluding water and exempt solvents, shall be calculated in accordance with the equation specified in paragraph	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2006 CTG-Flat Wood Paneling Coatings	Yes	Yes	No
3745-21-24	(G)(3)	shall	The VOC content, in pounds VOC per gallon of solids, shall be calculated in accordance with the equation specified in paragraph (B)(8) of rule 3745-21-10	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2006 CTG-Flat Wood Paneling Coatings	Yes	Yes	No
3745-21-24	(G)(4)	shall	The daily volume-weighted average VOC content of all coatings, as applied in pounds VOC per gallon of coating, shall be calculated in accordance with the equation	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2006 CTG-Flat Wood Paneling Coatings	Yes	Yes	No
3745-21-24	(G)(5)	shall	The daily volume-weighted average VOC content of all coatings, as applied in pounds VOC per gallon of solids, shall be calculated in accordance with the equation	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2006 CTG-Flat Wood Paneling Coatings	Yes	Yes	No

3745-21-24	(H)(1)	shall	For a VOC emission control system used to comply with paragraph (C)(2) of this rule, the owner or operator shall conduct a compliance test to determine the capture	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2006 CTG-Flat Wood Paneling Coatings	Yes	Yes	No
3745-21-24	(H)(1)	shall	in accordance with paragraph (C) of rule 3745-21-10 of the Administrative Code wherein USEPA method 25 or 25A shall be used for determining the concentration of VOC in a gas stream.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2006 CTG-Flat Wood Paneling Coatings	Yes	Yes	No
3745-21-24	(H)(2)	shall	During the compliance test described in paragraph (H)(1) of this rule that demonstrates compliance, the owner or operator shall establish the operating limits	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2006 CTG-Flat Wood Paneling Coatings	Yes	Yes	No
3745-21-24	(H)(2)(b)(iv)	shall	An inspection and maintenance plan shall be developed, maintained on-site, and made readily available upon the request of the appropriate Ohio EPA	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2006 CTG-Flat Wood Paneling Coatings	Yes	Yes	No
3745-21-24	(H)(2)(b)(iv)	shall	The plan shall include, at a minimum, the following:	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2006 CTG-Flat Wood Paneling Coatings	Yes	Yes	No
3745-21-24	(H)(2)(b)(iv)(c)	shall	to check for channeling, abrasion, and settling. If problems are found, corrective action consistent with the manufacturer's recommendations shall be implemented and a new performance test	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2006 CTG-Flat Wood Paneling Coatings	Yes	Yes	No
3745-21-24	(H)(2)(b)(iv)(c)	shall	a new performance test to determine destruction efficiency in accordance with paragraph (C) of this rule shall be conducted.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2006 CTG-Flat Wood Paneling Coatings	Yes	Yes	No
3745-21-24	(H)(2)(e)(i)	shall	The pressure drop across the enclosure shall be at least 0.007 inch of water.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2006 CTG-Flat Wood Paneling Coatings	Yes	Yes	No
3745-21-24	(H)(2)(e)(ii)	shall	The average facial velocity of air through all natural draft openings shall be at least two hundred feet per minute.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2006 CTG-Flat Wood Paneling Coatings	Yes	Yes	No
3745-21-24	(I)(1)	shall	The owner or operator of a facility that is subject to this rule shall comply with this rule no later than the following dates:	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2006 CTG-Flat Wood Paneling Coatings	Yes	Yes	No
3745-21-24	(J)(1)	shall	a flat wood paneling coating line with an initial startup date before April 2, 2009 shall notify the Ohio EPA district office or local air agency in writing	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2006 CTG-Flat Wood Paneling Coatings	Yes	Yes	No
3745-21-24	(J)(1)	shall	The notification, which shall be submitted not later than June 1, 2009 (or within sixty days after the flat wood paneling coating line becomes subject to this rule), shall provide the information specified in paragraph (J)(3) of this rule.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2006 CTG-Flat Wood Paneling Coatings	Yes	Yes	No
3745-21-24	(J)(1)	shall	The notification, which shall be submitted not later than June 1, 2009 (or within sixty days after the flat wood paneling coating line becomes subject to this rule), shall provide the information specified in paragraph (J)(3) of this rule.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2006 CTG-Flat Wood Paneling Coatings	Yes	Yes	No
3745-21-24	(J)(2)	shall	a flat wood panel coating line with an initial startup date on or after April 2, 2009 shall notify the Ohio EPA district office or local air agency in writing	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2006 CTG-Flat Wood Paneling Coatings	Yes	Yes	No
3745-21-24	(J)(2)	shall	The notification, which shall be submitted not later than either the date of initial startup of the flat wood paneling coating line or by June 1, 2009, whichever is later, and shall provide the information listed under paragraph (J)(3) of this rule.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2006 CTG-Flat Wood Paneling Coatings	Yes	Yes	No
3745-21-24	(J)(2)	shall	The notification, which shall be submitted not later than either the date of initial startup of the flat wood paneling coating line or by June 1, 2009, whichever is later, and shall provide the information listed under paragraph (J)(3) of this rule.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2006 CTG-Flat Wood Paneling Coatings	Yes	Yes	No
3745-21-24	(J)(3)	shall	The notification required in paragraphs (J)(1) and (J)(2) of this rule shall include the following information:	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2006 CTG-Flat Wood Paneling Coatings	Yes	Yes	No
3745-21-24	(J)(3)(e)(iii)	shall	the subject process is operating under an effective permit and certifies compliance. Such certification shall include all compliance certification requirements under paragraphs (F) to (H) of this rule.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2006 CTG-Flat Wood Paneling Coatings	Yes	Yes	No
3745-21-24	(K)	shall	paneling coating lines (before the application of capture systems and control devices) are less than 15.0 pounds of VOCs per day, the owner or operator shall maintain the following daily records:	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2006 CTG-Flat Wood Paneling Coatings	Yes	Yes	No
3745-21-25	(A)(3)	required	Upon achieving compliance with this rule, the reinforced plastic composites production operations at the facility are not required to meet rule 3745-21-07 of the Administrative Code.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	CAA 182, 40 CFR part 63, subpart wwwwww	Yes	Yes	No
3745-21-25	(D)(4)	required	plastic composites parts using open molding or pultrusion operations, the specific open molding and pultrusion operations used to produce large parts are not required to reduce VOC emissions	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	CAA 182, 40 CFR part 63, subpart wwwwww	Yes	Yes	No
3745-21-25	(D)(4)	required	this rule, these repair operations shall meet table 1 and table 2 of this rule and are not required to meet the ninety-five per cent VOC emissions reduction	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	CAA 182, 40 CFR part 63, subpart wwwwww	Yes	Yes	No
3745-21-25	(D)(7)	required	this rule, these repair operations shall meet table 1 and table 2 of this rule and are not required to meet the ninety-five per cent VOC emissions reduction requirement in paragraph (D)(3) of this rule.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	CAA 182, 40 CFR part 63, subpart wwwwww	Yes	Yes	No
3745-21-25	(D)(11)(a)	required	The director has determined that best available technology for the emissions unit, as required by rule 3745-31-05 of the Administrative Code,	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	CAA 182, 40 CFR part 63, subpart wwwwww	Yes	Yes	No
3745-21-25	(F)(1)	required	The owner or operator is not required to calculate or report emissions under this paragraph if the facility does not have any of those operations.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	CAA 182, 40 CFR part 63, subpart wwwwww	Yes	Yes	No
3745-21-25	(G)	required	owner or operator was previously using an option that did not require the owner or operator to maintain records of resin and gel coat use. In this case, the owner or operator	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	CAA 182, 40 CFR part 63, subpart wwwwww	Yes	Yes	No
3745-21-25	(G)(2)(b)	required	The owner or operator may, but is not required to, include process streams where the owner or operator has demonstrated compliance as described in paragraph	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	CAA 182, 40 CFR part 63, subpart wwwwww	Yes	Yes	No
3745-21-25	(G)(2)(b)	required	and the owner or operator is not required to and should not include process streams for which the owner or operator will demonstrate compliance	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	CAA 182, 40 CFR part 63, subpart wwwwww	Yes	Yes	No

3745-21-25	(I)(2)(b)	required	The stock exiting the radio frequency pre-heat unit is not required to be in an enclosure if the stock has no drip between the exit amongst all formulae. (The owner or operator may use the results of the worst-case formula test for all formulae if desired to limit the amount of testing required .)	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	CAA 182, 40 CFR part 63, subpart wwwwww	Yes	Yes	No
3745-21-25	(I)(1)(d)	required	Compliance with the work practice standards in table 1 of this rule is demonstrated by performing the work practice required for the affected operation.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	CAA 182, 40 CFR part 63, subpart wwwwww	Yes	Yes	No
3745-21-25	(O)(1)(a)(iv)	required	paragraph (D) of this rule, the owner or operator is not required to meet that VOC control requirement during periods of startup, shutdown, or malfunction,	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	CAA 182, 40 CFR part 63, subpart wwwwww	Yes	Yes	No
3745-21-25	(O)(1)(d)	required	Except for monitoring malfunctions, associated repairs, and required quality assurance or control activities (including, as applicable, calibration checks and required zero and span adjustments), the owner or operator shall conduct all monitoring in continuous operation	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	CAA 182, 40 CFR part 63, subpart wwwwww	Yes	Yes	No
3745-21-25	(O)(2)(a)(i)	required	Except for monitoring malfunctions, associated repairs, and required quality assurance or control activities (including, as applicable, calibration checks and required zero and span adjustments), the owner or operator shall conduct all monitoring in continuous operation	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	CAA 182, 40 CFR part 63, subpart wwwwww	Yes	Yes	No
3745-21-25	(O)(2)(a)(i)	required	(or collect data at all required intervals) at all times that the controlled operation is operating.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	CAA 182, 40 CFR part 63, subpart wwwwww	Yes	Yes	No
3745-21-25	(O)(2)(a)(ii)	required	The owner or operator may not use data recorded during monitoring malfunctions, associated repairs, and required quality assurance or control	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	CAA 182, 40 CFR part 63, subpart wwwwww	Yes	Yes	No
3745-21-25	(O)(2)(c)	required	Resin and gel coat use records are not required for the individual resins and gel coats that are demonstrated, as applied, to meet their applicable emission limit	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	CAA 182, 40 CFR part 63, subpart wwwwww	Yes	Yes	No
3745-21-25	(P)(1)(b)	required	For any add-on control device, all records required in 40 CFR part 63, subpart SS, to show continuous compliance with this rule.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	CAA 182, 40 CFR part 63, subpart wwwwww	Yes	Yes	No
3745-21-25	(Q)(5)	required	semiannual monitoring report required by the Title V permit. If the facility submits a semiannual compliance report pursuant to this rule along with, or as part of, the semiannual monitoring report required by the facility's Title V permit, and the semiannual compliance report includes all required information concerning deviations from any VOC emissions limitation, operating limit, or work practice	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	CAA 182, 40 CFR part 63, subpart wwwwww	Yes	Yes	No
3745-21-25	(Q)(5)	required	semiannual monitoring report required by the Title V permit. If the facility submits a semiannual compliance report pursuant to this rule along with, or as part of, the semiannual monitoring report required by the facility's Title V permit, and the semiannual compliance report includes all required information concerning deviations from any VOC emissions limitation, operating limit, or work practice	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	CAA 182, 40 CFR part 63, subpart wwwwww	Yes	Yes	No
3745-21-25	(Q)(5)	required	semiannual monitoring report required by the Title V permit. If the facility submits a semiannual compliance report pursuant to this rule along with, or as part of, the semiannual monitoring report required by the facility's Title V permit, and the semiannual compliance report includes all required information concerning deviations from any VOC emissions limitation, operating limit, or work practice	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	CAA 182, 40 CFR part 63, subpart wwwwww	Yes	Yes	No
3745-21-25	(R)(5)	required	Additional testing of an affected operation vented to an add-on control may be required by the director to ensure continued compliance.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	CAA 182, 40 CFR part 63, subpart wwwwww	Yes	Yes	No
3745-21-25	(S)(1)(e)(iii)	required	that such subject process is in compliance with this rule. An application for an operating permit or permit-to-install and operate is not required provided the subject process is operating under an effective permit and certifies	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	CAA 182, 40 CFR part 63, subpart wwwwww	Yes	Yes	No
3745-21-25	(S)(3)	required	Table 1: Work practice standards. As required in paragraph (D)(1) of this rule, the owner or operator shall meet the work practice standards specified by type of operation in the following table:	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	CAA 182, 40 CFR part 63, subpart wwwwww	Yes	Yes	No
3745-21-25	(S)(3)	required	a. Use mixer covers with no visible gaps present in the mixer covers, except that gaps of up to 1.0 inch are permissible around mixer shafts and any required instrumentation.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	CAA 182, 40 CFR part 63, subpart wwwwww	Yes	Yes	No
3745-21-25	(S)(3)	required	Table 1: Work practice standards. As required in paragraph (D)(1) of this rule, the owner or operator shall meet the work practice standards specified by type of operation in the following table:	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	CAA 182, 40 CFR part 63, subpart wwwwww	Yes	Yes	No
3745-21-25	(S)(3)	required	As required in paragraph (D)(2) of this rule, the owner or operator shall meet the VOC emissions limits specified by type of operation and resin application method or gel coat type in the following table:	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	CAA 182, 40 CFR part 63, subpart wwwwww			
3745-21-25	(S)(3)	required	As required in paragraph (D)(2) of this rule, the owner or operator shall meet the VOC emissions limits specified by type of operation and resin application method or gel coat type in the following table:	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	CAA 182, 40 CFR part 63, subpart wwwwww			
3745-21-25	(S)(3)	required	As required in paragraph (D)(2) of this rule, the owner or operator shall meet the VOC emissions limits specified by type of operation and resin application method or gel coat type in the following table:	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	CAA 182, 40 CFR part 63, subpart wwwwww			
3745-21-25	(G)(3)	may not	Open molding operations and centrifugal casting operations may not be averaged with each other.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	CAA 182, 40 CFR part 63, subpart wwwwww	Yes	Yes	No
3745-21-25	(I)(2)(h)	may not	The enclosure may not be removed from the pultrusion line, and access panels, doors, or hatches that are part of the enclosure shall remain closed whenever	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	CAA 182, 40 CFR part 63, subpart wwwwww	Yes	Yes	No
3745-21-25	(O)(2)(a)(iii)	may not	The owner or operator may not use data recorded during monitoring malfunctions, associated repairs, and required quality assurance or control	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	CAA 182, 40 CFR part 63, subpart wwwwww	Yes	Yes	No
3745-21-25	(A)(1)	shall	Except as otherwise provided in paragraph (A)(2) of this rule, this rule shall apply to any facility that has reinforced plastic composites production operations.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	CAA 182, 40 CFR part 63, subpart wwwwww	Yes	Yes	No
3745-21-25	(A)(2)(d)	shall	excluded under paragraphs (A)(2)(a) to (A)(2)(c) of this rule use less than 1.2 tons per year of thermoset resins and gel coats that contain styrene combined. The owner or operator of such facility shall maintain records of the amount (in pounds) of thermoset resins	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	CAA 182, 40 CFR part 63, subpart wwwwww	Yes	Yes	No

3745-21-25	(A)(2)(d)	shall	These records shall be retained by the owner or operator for a period of not less than five years and shall be made available to the director	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	CAA 182, 40 CFR part 63, subpart wwwwww	Yes	Yes	No
3745-21-25	(A)(2)(d)	shall	These records shall be retained by the owner or operator for a period of not less than five years and shall be made available to the director	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	CAA 182, 40 CFR part 63, subpart wwwwww	Yes	Yes	No
3745-21-25	(A)(2)(e)	shall	Any facility that has a potential to emit for VOC of less than 10.0 tons per year for all reinforced plastic composites production operations combined. The owner or operator of such facility shall maintain an up-to-date record of	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	CAA 182, 40 CFR part 63, subpart wwwwww	Yes	Yes	No
3745-21-25	(A)(2)(e)	shall	record of the potential to emit for VOC from all reinforced plastic composites production operations, shall employ emission factors or emission estimates in the calculation of the potential to emit	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	CAA 182, 40 CFR part 63, subpart wwwwww	Yes	Yes	No
3745-21-25	(A)(2)(e)	shall	shall maintain the records specified in paragraph (P)(2) of this rule for any sheet molding compound manufacturing machine, and within fifteen days after the end of each month, and shall maintain a record of the VOC emissions from any SMC manufacturing	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	CAA 182, 40 CFR part 63, subpart wwwwww	Yes	Yes	No
3745-21-25	(A)(2)(e)	shall	shall maintain the records specified in paragraph (P)(2) of this rule for any sheet molding compound manufacturing machine, and within fifteen days after the end of each month, and shall maintain a record of the VOC emissions from any SMC manufacturing	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	CAA 182, 40 CFR part 63, subpart wwwwww	Yes	Yes	No
3745-21-25	(C)(3)	shall	Production resins that shall meet military specifications are allowed to meet the monomer content limit contained in that specification.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	CAA 182, 40 CFR part 63, subpart wwwwww	Yes	Yes	No
3745-21-25	(C)(3)	shall	In order for this exemption to be used, the owner or operator shall supply to the appropriate Ohio EPA district office or local air agency the specifications certified as accurate by the military procurement officer, and those specifications shall state a requirement for a specific resin, or a specific resin monomer content.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	CAA 182, 40 CFR part 63, subpart wwwwww	Yes	Yes	No
3745-21-25	(C)(3)	shall	In order for this exemption to be used, the owner or operator shall supply to the appropriate Ohio EPA district office or local air agency the specifications certified as accurate by the military procurement officer, and those specifications shall state a requirement for a specific resin, or a specific resin monomer content.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	CAA 182, 40 CFR part 63, subpart wwwwww	Yes	Yes	No
3745-21-25	(C)(3)	shall	Production resins for which this exemption is used shall be applied with nonatomizing resin application equipment unless the owner or operator can demonstrate this is infeasible. The owner or operator shall keep a record of the resins for which the owner or operator is using this exemption.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	CAA 182, 40 CFR part 63, subpart wwwwww	Yes	Yes	No
3745-21-25	(C)(3)	shall	Production resins for which this exemption is used shall be applied with nonatomizing resin application equipment unless the owner or operator can demonstrate this is infeasible. The owner or operator shall keep a record of the resins for which the owner or operator is using this exemption.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	CAA 182, 40 CFR part 63, subpart wwwwww	Yes	Yes	No
3745-21-25	(D)(1)	shall	The owner or operator of the reinforced plastic composites production facility shall meet the work practice standards in table 1 of this rule for affected operations.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	CAA 182, 40 CFR part 63, subpart wwwwww	Yes	Yes	No
3745-21-25	(D)(2)	shall	manufacturing, mixing, and BMC manufacturing, the owner or operator shall meet the VOC emissions limits in table 2 of this rule. A facility's VOC emissions threshold shall be calculated in accordance with paragraph (F) of this rule.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	CAA 182, 40 CFR part 63, subpart wwwwww	Yes	Yes	No
3745-21-25	(D)(2)	shall	manufacturing, mixing, and BMC manufacturing, the owner or operator shall meet the VOC emissions limits in table 2 of this rule. A facility's VOC emissions threshold shall be calculated in accordance with paragraph (F) of this rule.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	CAA 182, 40 CFR part 63, subpart wwwwww	Yes	Yes	No
3745-21-25	(D)(3)	shall	molding, centrifugal casting, continuous lamination/casting, pultrusion, SMC manufacturing, mixing, and BMC manufacturing, the owner or operator shall reduce the total VOC emissions from these operations by at least ninety-five per cent	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	CAA 182, 40 CFR part 63, subpart wwwwww	Yes	Yes	No
3745-21-25	(D)(3)	shall	A facility's VOC emissions threshold shall be calculated in accordance with paragraph (F) of this rule.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	CAA 182, 40 CFR part 63, subpart wwwwww	Yes	Yes	No
3745-21-25	(D)(4)	shall	open molding and pultrusion operations used to produce large parts are not required to reduce VOC emissions by ninety-five weight per cent, but shall meet the emission limits in table 2 of this rule.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	CAA 182, 40 CFR part 63, subpart wwwwww	Yes	Yes	No
3745-21-25	(D)(7)	shall	these repair operations shall meet table 1 and table 2 of this rule and are not required to meet the ninety-five per cent VOC emissions reduction requirement in paragraph (D)(3) of this rule.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	CAA 182, 40 CFR part 63, subpart wwwwww	Yes	Yes	No
3745-21-25	(D)(8)	shall	a SMC manufacturing machine shall install and operate a VOC emission control system that reduces the VOC emissions from the SMC manufacturing machine by at least ninety-five per cent by weight	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	CAA 182, 40 CFR part 63, subpart wwwwww	Yes	Yes	No
3745-21-25	(D)(10)	shall	If an add-on control device is used to comply with this rule, such add-on control device shall meet 40 CFR part 63, subpart SS. The owner or operator shall also establish each control device operating limit in 40 CFR part 63, subpart SS, that applies.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	CAA 182, 40 CFR part 63, subpart wwwwww	Yes	Yes	No
3745-21-25	(D)(10)	shall	If an add-on control device is used to comply with this rule, such add-on control device shall meet 40 CFR part 63, subpart SS. The owner or operator shall also establish each control device operating limit in 40 CFR part 63, subpart SS, that applies.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	CAA 182, 40 CFR part 63, subpart wwwwww	Yes	Yes	No
3745-21-25	(D)(11)	shall	The provisions of paragraphs (D)(1) to (D)(10) of this rule shall not apply to any emissions unit that meets the following:	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	CAA 182, 40 CFR part 63, subpart wwwwww	Yes	Yes	No
3745-21-25	(D)(11)(a)	shall	Best available technology shall be defined in accordance with division (F) of section 3704.01 of the Revised Code and, for purposes of this paragraph, shall provide, where an emission limitation is applicable, the lowest emission limitation that the emissions unit is capable of	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	CAA 182, 40 CFR part 63, subpart wwwwww	Yes	Yes	No
3745-21-25	(D)(11)(a)	shall	Best available technology shall be defined in accordance with division (F) of section 3704.01 of the Revised Code and, for purposes of this paragraph, shall provide, where an emission limitation is applicable, the lowest emission limitation that the emissions unit is capable of	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	CAA 182, 40 CFR part 63, subpart wwwwww	Yes	Yes	No
3745-21-25	(D)(11)(a)	shall	located within an ozone nonattainment area, the best available technology determination shall comply with Section 193 (general savings clause) of the Clean Air Act.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	CAA 182, 40 CFR part 63, subpart wwwwww	Yes	Yes	No

3745-21-25	(D)(11)(c)	shall	A final permit-to-install has been issued for the emissions unit pursuant to Chapter 3745-31 of the Administrative Code. The permit-to-install shall contain terms and conditions that specify the control requirement	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	CAA 182, 40 CFR part 63, subpart wwwww	Yes	Yes	No
3745-21-25	(D)(11)(c)	shall	best available technology determination for the emissions unit, as described in paragraph (D)(11)(a) of this rule, and the permit-to-install shall be issued by the Ohio EPA in a manner that makes the control requirement or emission limitation federally enforceable.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	CAA 182, 40 CFR part 63, subpart wwwww	Yes	Yes	No
3745-21-25	(E)(1)	shall	Stack test data for the facility shall supersede emission factors and other emission estimating techniques.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	CAA 182, 40 CFR part 63, subpart wwwww	Yes	Yes	No
3745-21-25	(E)(2)(b)	shall	If the monomer content is provided by the material supplier or manufacturer as a range, the owner or operator shall use the upper limit of the range for determining compliance.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	CAA 182, 40 CFR part 63, subpart wwwww	Yes	Yes	No
3745-21-25	(E)(2)(b)	shall	content provided by the material supplier or manufacturer, then the owner or operator shall use the measured monomer content to determine compliance.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	CAA 182, 40 CFR part 63, subpart wwwww	Yes	Yes	No
3745-21-25	(E)(2)(c)	shall	If the measured total monomer content exceeds the provided value by two percentage points or more, then the owner or operator shall use the measured total monomer content to determine compliance.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	CAA 182, 40 CFR part 63, subpart wwwww	Yes	Yes	No
3745-21-25	(F)(1)	shall	requirements apply under paragraph (D) of this rule, the owner or operator shall use the procedures in either paragraph (F)(2) of this rule for new facilities prior to startup	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	CAA 182, 40 CFR part 63, subpart wwwww	Yes	Yes	No
3745-21-25	(F)(2)	shall	For new facilities prior to startup, the owner or operator shall calculate a weighted average VOC emissions factor for the operations specified in paragraph (F)(1) of this rule	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	CAA 182, 40 CFR part 63, subpart wwwww	Yes	Yes	No
3745-21-25	(F)(3)(b)	shall	Multiply this factor by annual resin, monomer, or gel coat use to determine annual VOC emissions. This calculation shall be repeated and reported annually.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	CAA 182, 40 CFR part 63, subpart wwwww	Yes	Yes	No
3745-21-25	(F)(4)	shall	Existing facilities shall initially perform this calculation based on their twelve months of operation prior to December 14, 2009,	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	CAA 182, 40 CFR part 63, subpart wwwww	Yes	Yes	No
3745-21-25	(F)(4)	shall	Existing facilities shall repeat the calculation based on their resin, monomer, and gel coat use in the twelve months prior to their compliance date, and submit this information with their initial compliance report.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	CAA 182, 40 CFR part 63, subpart wwwww	Yes	Yes	No
3745-21-25	(F)(5)	shall	After the initial compliance date, existing and new facilities shall calculate VOC emissions over the twelve-month period ending June thirtieth or December thirty-first	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	CAA 182, 40 CFR part 63, subpart wwwww	Yes	Yes	No
3745-21-25	(G)	shall	The owner or operator shall use one of the following methods in paragraphs (G)(1) to (G)(4) of this rule to meet the VOC emissions limits for open molding or centrifugal casting operations	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	CAA 182, 40 CFR part 63, subpart wwwww	Yes	Yes	No
3745-21-25	(G)	shall	The necessary calculations shall be completed within thirty days after the end of each month.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	CAA 182, 40 CFR part 63, subpart wwwww	Yes	Yes	No
3745-21-25	(G)	shall	the owner or operator shall base the average on the previous twelve months of data calculated using the compliance option the owner or operator is changing to	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	CAA 182, 40 CFR part 63, subpart wwwww	Yes	Yes	No
3745-21-25	(G)	shall	In this case, the owner or operator shall immediately begin collecting resin and gel coat use data and demonstrate compliance twelve months after changing options.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	CAA 182, 40 CFR part 63, subpart wwwww	Yes	Yes	No
3745-21-25	(G)(1)(a)	shall	The owner or operator shall calculate VOC emissions factors for each different process stream by using the appropriate equations in table 1 of 40 CFR part 63, subpart WWWW for open molding	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	CAA 182, 40 CFR part 63, subpart wwwww	Yes	Yes	No
3745-21-25	(G)(1)(a)	shall	If vapor suppressants are used to reduce VOC emissions, the owner or operator shall determine the vapor suppressant effectiveness (VSE)	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	CAA 182, 40 CFR part 63, subpart wwwww	Yes	Yes	No
3745-21-25	(G)(1)(a)	shall	the owner or operator shall determine the add-on control factor by conducting capture and control efficiency testing using the procedures specified in 40 CFR 63.5850	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	CAA 182, 40 CFR part 63, subpart wwwww	Yes	Yes	No
3745-21-25	(G)(1)(b)	shall	then all process streams using that individual resin or gel coat shall be included in the averaging calculations.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	CAA 182, 40 CFR part 63, subpart wwwww	Yes	Yes	No
3745-21-25	(G)(3)	shall	Demonstrate each month that each weighted average of the VOC emissions limits in table 2 or table 3 of this rule that apply are being met. When using this option, the owner or operator shall demonstrate compliance with the weighted average	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	CAA 182, 40 CFR part 63, subpart wwwww	Yes	Yes	No
3745-21-25	(G)(3)(a)	shall	centrifugal casting operations for the facility for the last twelve-month period to determine the VOC emissions limit the owner or operator shall meet.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	CAA 182, 40 CFR part 63, subpart wwwww	Yes	Yes	No
3745-21-25	(G)(4)(c)	shall	the owner or operator claims compliance under the option in paragraphs (G)(4)(a) and (G)(4)(b) of this rule shall not be included in any of the averaging calculations described in paragraph (G)(2) or (G)(3) of this rule.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	CAA 182, 40 CFR part 63, subpart wwwww	Yes	Yes	No
3745-21-25	(H)	shall	For continuous casting/lamination operations, the owner or operator shall use one or more of the options listed in paragraphs (H)(1) to (H)(4) of this rule to meet the VOC emissions limits	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	CAA 182, 40 CFR part 63, subpart wwwww	Yes	Yes	No
3745-21-25	(H)(3)	shall	If the operation shall meet the 58.5 weight per cent VOC emissions reduction limit in table 2 of this rule, the owner or operator has the option of demonstrating	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	CAA 182, 40 CFR part 63, subpart wwwww	Yes	Yes	No
3745-21-25	(I)	shall	For pultrusion operations, the owner or operator shall use one or more of the options in paragraphs (I)(1) to (I)(5) of this rule to meet the sixty weight per cent VOC emissions	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	CAA 182, 40 CFR part 63, subpart wwwww	Yes	Yes	No
3745-21-25	(I)(2)(a)	shall	The enclosure shall cover and enclose the open resin bath and the forming area in which reinforcements are pre-wet or wet-out and moving toward the die.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	CAA 182, 40 CFR part 63, subpart wwwww	Yes	Yes	No
3745-21-25	(I)(2)(a)	shall	The surfaces of the enclosure shall be closed except for openings to allow material to enter and exit the enclosure.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	CAA 182, 40 CFR part 63, subpart wwwww	Yes	Yes	No
3745-21-25	(I)(2)(b)	shall	For open bath pultrusion machines with a radio frequency pre-heat unit, the enclosure shall extend from the beginning of the resin bath to within 12.5 inches or less	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	CAA 182, 40 CFR part 63, subpart wwwww	Yes	Yes	No

3745-21-25	(I)(2)(b)	shall	If the stock that is within 12.5 inches or less of the entrance to the radio frequency pre-heat unit has any drip, it shall be enclosed.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	CAA 182, 40 CFR part 63, subpart wwwwww	Yes	Yes	No
3745-21-25	(I)(2)(c)	shall	For open bath pultrusion machines without a radio frequency pre-heat unit, the enclosure shall extend from the beginning of the resin bath to within 0.5 inches	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	CAA 182, 40 CFR part 63, subpart wwwwww	Yes	Yes	No
3745-21-25	(I)(2)(d)	shall	If the pre-wet stock has any drip, it shall be enclosed.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	CAA 182, 40 CFR part 63, subpart wwwwww	Yes	Yes	No
3745-21-25	(I)(2)(e)	shall	The total open area of the enclosure shall not exceed two times the cross sectional area of the puller window and shall comply with the following:	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	CAA 182, 40 CFR part 63, subpart wwwwww	Yes	Yes	No
3745-21-25	(I)(2)(e)	shall	The total open area of the enclosure shall not exceed two times the cross sectional area of the puller window and shall comply with the following:	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	CAA 182, 40 CFR part 63, subpart wwwwww	Yes	Yes	No
3745-21-25	(I)(2)(f)	shall	Open areas for level control devices, monitoring devices, agitation shafts, and fill hoses shall have no more than 1.0 inch clearance.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	CAA 182, 40 CFR part 63, subpart wwwwww	Yes	Yes	No
3745-21-25	(I)(2)(g)	shall	The access panels, doors, or hatches that are part of the enclosure shall close tightly. Damaged access panels, doors, or hatches that do not close tightly shall be replaced.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	CAA 182, 40 CFR part 63, subpart wwwwww	Yes	Yes	No
3745-21-25	(I)(2)(g)	shall	The access panels, doors, or hatches that are part of the enclosure shall close tightly. Damaged access panels, doors, or hatches that do not close tightly shall be replaced.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	CAA 182, 40 CFR part 63, subpart wwwwww	Yes	Yes	No
3745-21-25	(I)(2)(h)	shall	or hatches that are part of the enclosure shall remain closed whenever resin is in the bath,	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	CAA 182, 40 CFR part 63, subpart wwwwww	Yes	Yes	No
3745-21-25	(I)(2)(i)	shall	In that case the average shall not exceed the times shown in this paragraph. All lines included in the average shall have operated the entire time period being averaged.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	CAA 182, 40 CFR part 63, subpart wwwwww	Yes	Yes	No
3745-21-25	(I)(2)(i)	shall	In that case the average shall not exceed the times shown in this paragraph. All lines included in the average shall have operated the entire time period being averaged.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	CAA 182, 40 CFR part 63, subpart wwwwww	Yes	Yes	No
3745-21-25	(I)(2)(j)	shall	No fans, blowers, or air lines may be allowed within the enclosure. The enclosure shall not be ventilated.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	CAA 182, 40 CFR part 63, subpart wwwwww	Yes	Yes	No
3745-21-25	(J)	shall	areas and from the ovens of continuous lamination/casting operations, the owner or operator shall develop uncontrolled and controlled wet-out area	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	CAA 182, 40 CFR part 63, subpart wwwwww	Yes	Yes	No
3745-21-25	(J)	shall	The owner or operator shall determine the overall capture efficiency using the procedures in 40 CFR 63.5850.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	CAA 182, 40 CFR part 63, subpart wwwwww	Yes	Yes	No
3745-21-25	(J)(1)	shall	To develop uncontrolled and controlled VOC emissions estimation equations and factors, the owner or operator shall , at a minimum, do the following:	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	CAA 182, 40 CFR part 63, subpart wwwwww	Yes	Yes	No
3745-21-25	(J)(2)(a)	shall	or to the oven only, then the owner or operator shall develop the corresponding uncontrolled or controlled equation or factor for the other VOC emissions source.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	CAA 182, 40 CFR part 63, subpart wwwwww	Yes	Yes	No
3745-21-25	(J)(3)	shall	The owner or operator shall assign to each formula an uncontrolled VOC emissions estimation equation or factor based on the end product/thickness	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	CAA 182, 40 CFR part 63, subpart wwwwww	Yes	Yes	No
3745-21-25	(J)(5)	shall	Where a facility is calculating both uncontrolled and controlled VOC emissions estimation equations and factors, the owner or operator shall test the same formulae. In addition, the owner or operator shall develop both sets of equations and factors from the same tests.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	CAA 182, 40 CFR part 63, subpart wwwwww	Yes	Yes	No
3745-21-25	(J)(5)	shall	Where a facility is calculating both uncontrolled and controlled VOC emissions estimation equations and factors, the owner or operator shall test the same formulae. In addition, the owner or operator shall develop both sets of equations and factors from the same tests.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	CAA 182, 40 CFR part 63, subpart wwwwww	Yes	Yes	No
3745-21-25	(K)(1)	shall	If a PTE does not exist, then a temporary total enclosure shall be constructed and verified using USEPA method 204,	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	CAA 182, 40 CFR part 63, subpart wwwwww	Yes	Yes	No
3745-21-25	(K)(1)	shall	and capture efficiency testing shall be determined using USEPA methods 204B to E of 40 CFR part 51, appendix M.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	CAA 182, 40 CFR part 63, subpart wwwwww	Yes	Yes	No
3745-21-25	(M)	shall	The owner or operator shall calculate per cent reduction for continuous lamination/casting operations using any of the following methods:	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	CAA 182, 40 CFR part 63, subpart wwwwww	Yes	Yes	No
3745-21-25	(O)(1)(a)	shall	The owner or operator shall demonstrate continuous compliance with each VOC control requirement in paragraph (D) of this rule	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	CAA 182, 40 CFR part 63, subpart wwwwww	Yes	Yes	No
3745-21-25	(O)(1)(b)	shall	The owner or operator shall report each deviation from each VOC control requirement in paragraph (D) of this rule that applies. The deviations shall be reported according to paragraph (Q) of this rule.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	CAA 182, 40 CFR part 63, subpart wwwwww	Yes	Yes	No
3745-21-25	(O)(1)(b)	shall	The owner or operator shall report each deviation from each VOC control requirement in paragraph (D) of this rule that applies. The deviations shall be reported according to paragraph (Q) of this rule.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	CAA 182, 40 CFR part 63, subpart wwwwww	Yes	Yes	No
3745-21-25	(O)(1)(c)	shall	during periods of startup, shutdown or malfunction, the owner or operator shall meet the VOC emissions limits and work practice standards that apply.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	CAA 182, 40 CFR part 63, subpart wwwwww	Yes	Yes	No
3745-21-25	(O)(1)(d)	shall	but the owner or operator shall operate the affected operation to minimize emissions to the greatest extent which is consistent with safety and good air pollution control practice.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	CAA 182, 40 CFR part 63, subpart wwwwww	Yes	Yes	No
3745-21-25	(O)(2)(a)	shall	the owner or operator shall during production collect and keep a record of data as indicated in 40 CFR part 63, subpart SS	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	CAA 182, 40 CFR part 63, subpart wwwwww	Yes	Yes	No
3745-21-25	(O)(2)(a)	shall	keep a record of data as indicated in 40 CFR part 63, subpart SS and shall monitor and collect the following data:	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	CAA 182, 40 CFR part 63, subpart wwwwww	Yes	Yes	No

3745-21-25	(O)(2)(a)(i)	shall	the owner or operator shall conduct all monitoring in continuous operation (or collect data at all required intervals) at all times that the controlled operation is operating.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	CAA 182, 40 CFR part 63, subpart wwwwww	Yes	Yes	No
3745-21-25	(O)(2)(a)(ii)	shall	The owner or operator shall use all the data collected during all other periods in assessing the operation of the control device	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	CAA 182, 40 CFR part 63, subpart wwwwww	Yes	Yes	No
3745-21-25	(O)(2)(a)(iii)	shall	At all times, the owner or operator shall maintain necessary parts for routine repairs of the monitoring equipment.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	CAA 182, 40 CFR part 63, subpart wwwwww	Yes	Yes	No
3745-21-25	(O)(2)(b)	shall	the owner or operator shall collect and keep records of resin and gel coat use, monomer content, and operation where the resin is used.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	CAA 182, 40 CFR part 63, subpart wwwwww	Yes	Yes	No
3745-21-25	(O)(2)(b)	shall	the owner or operator shall collect and keep records of resin and gel coat use, monomer content, and operation where the resin is used.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	CAA 182, 40 CFR part 63, subpart wwwwww	Yes	Yes	No
3745-21-25	(O)(2)(c)	shall	However, the owner or operator shall retain the records of resin and gel coat monomer content, and the owner or operator shall include the list of these resins and gel coats	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	CAA 182, 40 CFR part 63, subpart wwwwww	Yes	Yes	No
3745-21-25	(O)(2)(c)	shall	and the owner or operator shall include the list of these resins and gel coats and identify their application methods in the semiannual compliance reports.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	CAA 182, 40 CFR part 63, subpart wwwwww	Yes	Yes	No
3745-21-25	(O)(2)(c)	shall	then the owner or operator again shall demonstrate that the individual resin or gel coat meets its emission limit as specified in paragraph (G)(1) of this rule	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	CAA 182, 40 CFR part 63, subpart wwwwww	Yes	Yes	No
3745-21-25	(O)(2)(c)	shall	the owner or operator shall begin collecting resin and gel coat use records and calculate compliance using one of the averaging options on a twelve-month rolling average.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	CAA 182, 40 CFR part 63, subpart wwwwww	Yes	Yes	No
3745-21-25	(O)(2)(d)	shall	For each pultrusion machine, the owner or operator shall record all times that doors or covers of wet area enclosures are open and there is resin present in the resin bath.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	CAA 182, 40 CFR part 63, subpart wwwwww	Yes	Yes	No
3745-21-25	(P)(1)	shall	The owner or operator shall keep the following records:	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	CAA 182, 40 CFR part 63, subpart wwwwww	Yes	Yes	No
3745-21-25	(P)(2)	shall	the owner or operator of a SMC manufacturing machine shall keep the following records:	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	CAA 182, 40 CFR part 63, subpart wwwwww	Yes	Yes	No
3745-21-25	(P)(3)	shall	For any uncontrolled SMC manufacturing machine exempted under paragraph (D)(9) of this rule, the owner or operator shall record the VOC emissions	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	CAA 182, 40 CFR part 63, subpart wwwwww	Yes	Yes	No
3745-21-25	(P)(3)	shall	The owner or operator shall notify the appropriate Ohio EPA district office or local air agency of any record showing	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	CAA 182, 40 CFR part 63, subpart wwwwww	Yes	Yes	No
3745-21-25	(P)(3)	shall	A copy of such record shall be sent to the appropriate Ohio EPA district office or local air agency within forty-five days after the exceedance occurs.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	CAA 182, 40 CFR part 63, subpart wwwwww	Yes	Yes	No
3745-21-25	(P)(4)	shall	All records specified under paragraphs (P)(1) to (P)(3) of this rule shall be retained by the owner or operator for a period of not less than five years	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	CAA 182, 40 CFR part 63, subpart wwwwww	Yes	Yes	No
3745-21-25	(P)(4)	shall	following the date of each occurrence, measurement, maintenance, corrective action, report, or record and shall be made available to the director or any authorized representative	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	CAA 182, 40 CFR part 63, subpart wwwwww	Yes	Yes	No
3745-21-25	(Q)(1)	shall	The owner or operator of a facility that has reinforced plastic composites production operations subject to this rule shall submit semiannual compliance status reports	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	CAA 182, 40 CFR part 63, subpart wwwwww	Yes	Yes	No
3745-21-25	(Q)(1)	shall	The semiannual compliance status reports shall be submitted no later than thirty calendar days after the end of each six-month period	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	CAA 182, 40 CFR part 63, subpart wwwwww	Yes	Yes	No
3745-21-25	(Q)(1)	shall	The first compliance report shall cover the period beginning on the compliance date that is specified in paragraph (R) of this rule	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	CAA 182, 40 CFR part 63, subpart wwwwww	Yes	Yes	No
3745-21-25	(Q)(1)	shall	Each subsequent compliance report shall cover the semiannual reporting period from January first through June thirtieth or the semiannual reporting period from July first through December thirty-first.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	CAA 182, 40 CFR part 63, subpart wwwwww	Yes	Yes	No
3745-21-25	(Q)(3)	shall	The compliance report shall contain the following information:	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	CAA 182, 40 CFR part 63, subpart wwwwww	Yes	Yes	No
3745-21-25	(Q)(3)(f)	shall	the compliance report shall contain the following information:	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	CAA 182, 40 CFR part 63, subpart wwwwww	Yes	Yes	No
3745-21-25	(Q)(3)(g)	shall	emissions limitation or operating limit in this rule, the compliance report shall include the following information:	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	CAA 182, 40 CFR part 63, subpart wwwwww	Yes	Yes	No
3745-21-25	(Q)(3)(h)	shall	Where multiple compliance options are available, the owner or operator shall state in this compliance report if the owner or operator has changed compliance	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	CAA 182, 40 CFR part 63, subpart wwwwww	Yes	Yes	No
3745-21-25	(Q)(4)	shall	The owner or operator shall report if the facility exceeded the one hundred tons of VOC per year emissions threshold if that exceedance	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	CAA 182, 40 CFR part 63, subpart wwwwww	Yes	Yes	No
3745-21-25	(Q)(5)	shall	Each facility that has obtained a Title V permit pursuant to Chapter 3745-77 of the Administrative Code shall report all deviations as described in this rule	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	CAA 182, 40 CFR part 63, subpart wwwwww	Yes	Yes	No
3745-21-25	(Q)(5)	shall	submission of the semiannual compliance report shall be deemed to satisfy any obligation to report the same deviations in the semiannual monitoring report.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	CAA 182, 40 CFR part 63, subpart wwwwww	Yes	Yes	No
3745-21-25	(Q)(5)	shall	However, submission of a compliance report shall not otherwise affect any obligation the affected source may have to report deviations	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	CAA 182, 40 CFR part 63, subpart wwwwww	Yes	Yes	No
3745-21-25	(R)(1)	shall	operation that is subject to this rule shall comply with this rule by no later than the following dates:	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	CAA 182, 40 CFR part 63, subpart wwwwww	Yes	Yes	No

3745-21-25	(R)(3)	shall	the SMC manufacturing machine shall continue to comply with paragraph (D)(9) of this rule.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	CAA 182, 40 CFR part 63, subpart wwwwww	Yes	Yes	No
3745-21-25	(R)(4)	shall	meet a VOC emissions requirement specified within the rule, the owner or operator shall demonstrate compliance by testing the operation	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	CAA 182, 40 CFR part 63, subpart wwwwww	Yes	Yes	No
3745-21-25	(S)(1)	shall	an initial startup date before December 14, 2009 shall notify the appropriate Ohio EPA district office or local air agency in writing	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	CAA 182, 40 CFR part 63, subpart wwwwww	Yes	Yes	No
3745-21-25	(S)(1)	shall	The notification, which shall be submitted not later than February 12, 2010, shall provide the following information:	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	CAA 182, 40 CFR part 63, subpart wwwwww	Yes	Yes	No
3745-21-25	(S)(1)	shall	The notification, which shall be submitted not later than February 12, 2010, shall provide the following information:	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	CAA 182, 40 CFR part 63, subpart wwwwww	Yes	Yes	No
3745-21-25	(S)(1)(e)(ii)	shall	Such certification shall include all compliance certification requirements under paragraph (Q)(3) of this rule.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	CAA 182, 40 CFR part 63, subpart wwwwww	Yes	Yes	No
3745-21-25	(S)(2)	shall	that is subject to this rule and that has an initial startup date on or after December 14, 2009 shall notify the appropriate Ohio EPA district office	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	CAA 182, 40 CFR part 63, subpart wwwwww	Yes	Yes	No
3745-21-25	(S)(2)	shall	The notification, which shall be submitted not later than either the date of initial startup of the affected operation or February 12, 2010,	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	CAA 182, 40 CFR part 63, subpart wwwwww	Yes	Yes	No
3745-21-25	(S)(2)	shall	whichever is later, shall provide the information listed under paragraph (F)(1) of this rule	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	CAA 182, 40 CFR part 63, subpart wwwwww	Yes	Yes	No
3745-21-25	(S)(3)	shall	the owner or operator shall submit an intent to test that is in accordance with the procedures of paragraph (A) of rule 3745-21-10 of the Administrative Code	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	CAA 182, 40 CFR part 63, subpart wwwwww	Yes	Yes	No
3745-21-25	(S)(3)	shall	Work practice standards. As required in paragraph (D)(1) of this rule, the owner or operator shall meet the work practice standards specified by type of operation in the following table:	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	CAA 182, 40 CFR part 63, subpart wwwwww	Yes	Yes	No
3745-21-25	(S)(3)	shall	Hoppers shall be closed when not adding materials. Materials may be uncovered to feed to slitting machines.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	CAA 182, 40 CFR part 63, subpart wwwwww	Yes	Yes	No
3745-21-25	(S)(3)	shall	Materials shall be recovered after slitting.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	CAA 182, 40 CFR part 63, subpart wwwwww	Yes	Yes	No
3745-21-25	(S)(3)	shall	Work practice standards. As required in paragraph (D)(1) of this rule, the owner or operator shall meet the work practice standards specified by type of operation in the following table:	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	CAA 182, 40 CFR part 63, subpart wwwwww	Yes	Yes	No
3745-21-25	(S)(3)	shall	at facilities with VOC emissions less than the threshold of one hundred tons of VOC per year. As required in paragraph (D)(2) of this rule, the owner or operator shall meet the VOC emissions limits specified by type of operation and resin application method or gel coat type in the following table:	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	CAA 182, 40 CFR part 63, subpart wwwwww	Yes	Yes	No
3745-21-25	(S)(3)	shall	As required in paragraph (D)(2) of this rule, the owner or operator shall meet the VOC emissions limits specified by type of operation and resin application method or gel coat type in the following table:	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	CAA 182, 40 CFR part 63, subpart wwwwww	Yes	Yes	No
3745-21-25	(S)(3)	shall	As required in paragraph (D)(2) of this rule, the owner or operator shall meet the VOC emissions limits specified by type of operation and resin application method or gel coat type in the following table:	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	CAA 182, 40 CFR part 63, subpart wwwwww	Yes	Yes	No
3745-21-25	(S)(3)	shall	1VOC emissions limits for open molding and centrifugal casting are expressed as pounds of VOC per ton of resin or gel coat (pounds per ton). The operation shall be at or below these values based on a twelve-month rolling average.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	CAA 182, 40 CFR part 63, subpart wwwwww	Yes	Yes	No
3745-21-25	(S)(3)	shall	The operations shall be at or below these values based on a twelve-month rolling average.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	CAA 182, 40 CFR part 63, subpart wwwwww	Yes	Yes	No
3745-21-25	(S)(3)	shall	2These limits are for spray application of gel coat. Manual gel coat application shall be included as part of spray gel coat application for compliance purposes using the same	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	CAA 182, 40 CFR part 63, subpart wwwwww	Yes	Yes	No
3745-21-25	(S)(3)	shall	1If the centrifugal casting operation blows heated air through the molds, then ninety-five per cent capture and control shall be used if the owner or operator wishes to use this compliance option.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	CAA 182, 40 CFR part 63, subpart wwwwww	Yes	Yes	No
3745-21-25	(S)(3)	shall	3Nonatomized mechanical application shall be used.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	CAA 182, 40 CFR part 63, subpart wwwwww	Yes	Yes	No
3745-21-26	(F)(2)	prohibited	The averaging of VOC emissions over two or more coating lines in order to demonstrate compliance with an applicable emission limitation (i.e., cross-line averaging) is prohibited .	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2008 CTG Miscellaneous Metal and Plastic Parts Coating	Yes	Yes	No
3745-21-26	(A)(3)(a)(i)	required	The surface coating of any metal or plastic parts or products for which the owner or operator is both subject to and required to comply with any of the following:	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2008 CTG Miscellaneous Metal and Plastic Parts Coating	Yes	Yes	No
3745-21-26	(H)(3)	required	its VOC add-on air pollution control equipment in accordance with paragraph (F)(4) of this rule may be required by the director to ensure continued compliance.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2008 CTG Miscellaneous Metal and Plastic Parts Coating	Yes	Yes	No
3745-21-26	(I)(1)(e)(ii)	required	An application for an operating permit or permit-to-install and operate is not required provided the subject process is operating under	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2008 CTG Miscellaneous Metal and Plastic Parts Coating	Yes	Yes	No
3745-21-26	(I)(3)(a)(ii)(b)	required	The completion of installation and initial use of any monitoring devices required under paragraph (C)(2) or (C)(3) of this rule for the subject coating line.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2008 CTG Miscellaneous Metal and Plastic Parts Coating	Yes	Yes	No
3745-21-26	(J)(1)(b)	required	operator may elect to maintain the following records in lieu of the records required under paragraph (J)(1)(a) of this rule.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2008 CTG Miscellaneous Metal and Plastic Parts Coating	Yes	Yes	No
3745-21-26	(C)	may not	used by each miscellaneous metal and plastic part surface coating line by complying with one of the following three options. Motor vehicle materials listed in table 5 of this rule may not use option two.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2008 CTG Miscellaneous Metal and Plastic Parts Coating	Yes	Yes	No
3745-21-26	(A)(1)	shall	Except as provided in paragraph (A)(3) of this rule, paragraphs (B) to (I) of this rule shall apply to each miscellaneous metal or plastic parts coating line that meets the following:	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2008 CTG Miscellaneous Metal and Plastic Parts Coating	Yes	Yes	No

3745-21-26	(A)(3)(a)	shall	Paragraphs (B) to (I) of this rule shall not apply to the following:	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2008 CTG Miscellaneous Metal and Plastic Parts Coating	Yes	Yes	No
3745-21-26	(A)(3)(f)(i)	shall	The daily usage applicability level shall not apply to coatings employed by the coating line on parts or products which are not metal.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2008 CTG Miscellaneous Metal and Plastic Parts Coating	Yes	Yes	No
3745-21-26	(A)(3)(f)(ii)(b)	shall	The alternative limitation shall be the lowest emission limitation that the coating operation is capable of meeting by the application of control technology	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2008 CTG Miscellaneous Metal and Plastic Parts Coating	Yes	Yes	No
3745-21-26	(A)(3)(f)(ii)(b)	shall	The alternative limitation shall be an emissions rate (e.g., pounds VOC per gallon) or overall per cent reduction but shall not be in terms of mass per time (e.g., pounds per hour).	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2008 CTG Miscellaneous Metal and Plastic Parts Coating	Yes	Yes	No
3745-21-26	(A)(3)(f)(ii)(b)	shall	The alternative limitation shall be an emissions rate (e.g., pounds VOC per gallon) or overall per cent reduction but shall not be in terms of mass per time (e.g., pounds per hour).	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2008 CTG Miscellaneous Metal and Plastic Parts Coating	Yes	Yes	No
3745-21-26	(A)(3)(f)(ii)(c)	shall	The installation permit shall contain terms and conditions that specify the control requirement or emission limitation	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2008 CTG Miscellaneous Metal and Plastic Parts Coating	Yes	Yes	No
3745-21-26	(C)	shall	The owner or operator of a coating line engaged in the surface coating of miscellaneous metal or plastic parts shall limit VOC emissions from all VOC-containing materials	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2008 CTG Miscellaneous Metal and Plastic Parts Coating	Yes	Yes	No
3745-21-26	(C)	shall	If a coating does not meet a specific coating category definition, then it can be assumed to be a general use coating and the VOC limit for "general" coating or "other" coating shall apply.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2008 CTG Miscellaneous Metal and Plastic Parts Coating	Yes	Yes	No
3745-21-26	(C)(2)	shall	Such add-on air pollution control equipment shall meet paragraph (F) of this rule.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2008 CTG Miscellaneous Metal and Plastic Parts Coating	Yes	Yes	No
3745-21-26	(C)(3)	shall	Such add-on air pollution control equipment shall meet paragraph (F) of this rule.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2008 CTG Miscellaneous Metal and Plastic Parts Coating	Yes	Yes	No
3745-21-26	(D)	shall	One, or a combination, of the following application methods shall be used for coating application, except when complying using option three	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2008 CTG Miscellaneous Metal and Plastic Parts Coating	Yes	Yes	No
3745-21-26	(E)	shall	Work practices shall be used to minimize VOC emissions from mixing operations, storage tanks and other containers, and handling operations for coatings, thinners, cleaning materials, and waste materials. Work practices shall include, but are not limited to, the following:	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2008 CTG Miscellaneous Metal and Plastic Parts Coating	Yes	Yes	No
3745-21-26	(E)	shall	Work practices shall be used to minimize VOC emissions from mixing operations, storage tanks and other containers, and handling operations for coatings, thinners, cleaning materials, and waste materials. Work practices shall include, but are not limited to, the following:	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2008 CTG Miscellaneous Metal and Plastic Parts Coating	Yes	Yes	No
3745-21-26	(F)(1)	shall	The VOC contents and densities of the coating materials subject to this rule shall be determined in accordance with paragraph (B) of rule	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2008 CTG Miscellaneous Metal and Plastic Parts Coating	Yes	Yes	No
3745-21-26	(F)(1)	shall	coating lines subject to this rule shall be determined in accordance with paragraph (C) of rule 3745-21-10 of the Administrative Code.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2008 CTG Miscellaneous Metal and Plastic Parts Coating	Yes	Yes	No
3745-21-26	(F)(3)	shall	If add-on air pollution control equipment is used to meet this rule, the following monitoring shall be applicable:	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2008 CTG Miscellaneous Metal and Plastic Parts Coating	Yes	Yes	No
3745-21-26	(F)(4)	shall	If add-on air pollution control equipment is used to meet this rule, the following emissions testing shall be applicable:	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2008 CTG Miscellaneous Metal and Plastic Parts Coating	Yes	Yes	No
3745-21-26	(F)(4)(a)	shall	The general provisions specified under paragraphs (A)(2) to (A)(5) of rule 3745-21-10 of the Administrative Code shall apply to compliance testing.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2008 CTG Miscellaneous Metal and Plastic Parts Coating	Yes	Yes	No
3745-21-26	(F)(4)(b)	shall	The test methods and procedures of paragraph (C) of rule 3745-21-10 of the Administrative Code shall be followed.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2008 CTG Miscellaneous Metal and Plastic Parts Coating	Yes	Yes	No
3745-21-26	(F)(4)(b)	shall	For the purpose of demonstrating compliance with the emission control requirements of paragraph (C)(2) or (C)(3) of this rule, the affected source shall be run at typical operating conditions and flow rates	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2008 CTG Miscellaneous Metal and Plastic Parts Coating	Yes	Yes	No
3745-21-26	(F)(5)	shall	only of the catalytic incinerator, an inspection and maintenance plan shall be developed, maintained on-site, and made readily available upon the request	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2008 CTG Miscellaneous Metal and Plastic Parts Coating	Yes	Yes	No
3745-21-26	(F)(5)	shall	Ohio EPA district office or local air agency. At a minimum, the plan shall include the following:	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2008 CTG Miscellaneous Metal and Plastic Parts Coating	Yes	Yes	No
3745-21-26	(F)(5)(c)	shall	action consistent with the manufacturer's recommendations shall be implemented and a new performance test to determine destruction efficiency	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2008 CTG Miscellaneous Metal and Plastic Parts Coating	Yes	Yes	No
3745-21-26	(F)(5)(c)	shall	in accordance with paragraph (C) of rule 3745-21-10 of the Administrative Code shall be conducted.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2008 CTG Miscellaneous Metal and Plastic Parts Coating	Yes	Yes	No
3745-21-26	(G)(1)	shall	The owner or operator of a coating line subject to this rule shall demonstrate the on-going status of compliance with the applicable VOC emission limitations	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2008 CTG Miscellaneous Metal and Plastic Parts Coating	Yes	Yes	No
3745-21-26	(G)(2)	shall	this rule through the use of add-on air pollution control equipment shall record the key operating parameters for the control equipment, including but not limited to, the following information:	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2008 CTG Miscellaneous Metal and Plastic Parts Coating	Yes	Yes	No
3745-21-26	(G)(3)	shall	All records made to determine compliance with this rule shall be maintained for five years from the date such record is created and shall be made available	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2008 CTG Miscellaneous Metal and Plastic Parts Coating	Yes	Yes	No
3745-21-26	(G)(3)	shall	All records made to determine compliance with this rule shall be maintained for five years from the date such record is created and shall be made available	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2008 CTG Miscellaneous Metal and Plastic Parts Coating	Yes	Yes	No
3745-21-26	(H)(1)	shall	The owner or operator of a coating line that is subject to this rule shall comply with this rule no later than the following dates:	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2008 CTG Miscellaneous Metal and Plastic Parts Coating	Yes	Yes	No

3745-21-26	(H)(2)	shall	The owner or operator of a coating line that is subject to this rule shall demonstrate compliance with paragraph (C)(2) or (C)(3) of this rule by testing the control device	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2008 CTG Miscellaneous Metal and Plastic Parts Coating	Yes	Yes	No
3745-21-26	(I)(1)	shall	startup date before the effective date of this rule shall notify the Ohio EPA district office or local air agency in writing that the coating line is subject to this rule	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2008 CTG Miscellaneous Metal and Plastic Parts Coating	Yes	Yes	No
3745-21-26	(I)(1)	shall	which shall be submitted not later than sixty days after the effective date of this rule or within sixty days after the coating line becomes subject to this rule, shall provide the following information:	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2008 CTG Miscellaneous Metal and Plastic Parts Coating	Yes	Yes	No
3745-21-26	(I)(1)	shall	which shall be submitted not later than sixty days after the effective date of this rule or within sixty days after the coating line becomes subject to this rule, shall provide the following information:	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2008 CTG Miscellaneous Metal and Plastic Parts Coating	Yes	Yes	No
3745-21-26	(I)(1)(e)(ii)	shall	Such certification shall include all compliance certification requirements under paragraph (I)(3) of this rule.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2008 CTG Miscellaneous Metal and Plastic Parts Coating	Yes	Yes	No
3745-21-26	(I)(2)	shall	startup date on or after the effective date of this rule shall notify the Ohio EPA district office or local air agency in writing that the coating line is subject to	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2008 CTG Miscellaneous Metal and Plastic Parts Coating	Yes	Yes	No
3745-21-26	(I)(2)	shall	The notification, which shall be submitted not later than either the date of initial startup of the subject coating line, or sixty days after the effective date of this rule (whichever is later), shall provide the information listed under paragraph (I)(1) of this rule.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2008 CTG Miscellaneous Metal and Plastic Parts Coating	Yes	Yes	No
3745-21-26	(I)(2)	shall	The notification, which shall be submitted not later than either the date of initial startup of the subject coating line, or sixty days after the effective date of this rule (whichever is later), shall provide the information listed under paragraph (I)(1) of this rule.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2008 CTG Miscellaneous Metal and Plastic Parts Coating	Yes	Yes	No
3745-21-26	(I)(3)(a)	shall	The owner or operator of a coating line that is subject to this rule shall notify the Ohio EPA district office or local air agency in writing	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2008 CTG Miscellaneous Metal and Plastic Parts Coating	Yes	Yes	No
3745-21-26	(I)(3)(b)	shall	The compliance certification under paragraph (I)(3)(a) of this rule shall provide the following, where applicable:	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2008 CTG Miscellaneous Metal and Plastic Parts Coating	Yes	Yes	No
3745-21-26	(J)(1)	shall	equal to or greater than the limitation specified in paragraph (A)(1)(a) of this rule, shall select one of the following methods	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2008 CTG Miscellaneous Metal and Plastic Parts Coating	Yes	Yes	No
3745-21-26	(J)(1)(a)(iv)	shall	The rolling twelve-month average shall be calculated as the total VOC emissions	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2008 CTG Miscellaneous Metal and Plastic Parts Coating	Yes	Yes	No
3745-21-26	(J)(2)	shall	in accordance with paragraph (A)(3)(d)(v) of this rule shall maintain the following records, for a period of five years:	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2008 CTG Miscellaneous Metal and Plastic Parts Coating	Yes	Yes	No
3745-21-26	(J)(3)	shall	in accordance with paragraph (A)(3)(d)(ix) of this rule shall maintain the following records, for a period of five years:	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2008 CTG Miscellaneous Metal and Plastic Parts Coating	Yes	Yes	No
3745-21-26	(J)(4)	shall	does not exceed three gallons per day, in accordance with paragraph (A)(3)(f)(i) of this rule shall maintain the records specified in paragraphs (B)(3)(d) and (B)(3)(e) of rule 3745-21-09	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2008 CTG Miscellaneous Metal and Plastic Parts Coating	Yes	Yes	No
3745-21-27	(B)(1)	must	Production resins (including skin coat resins) that must meet specifications for use in military vessels or must be approved by the United States coast guard	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2008 CTG-Control Techniques for Fiberglass Boat Manufacturing	Yes	Yes	No
3745-21-27	(B)(1)	must	Production resins (including skin coat resins) that must meet specifications for use in military vessels or must be approved by the United States coast guard	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2008 CTG-Control Techniques for Fiberglass Boat Manufacturing	Yes	Yes	No
3745-21-27	(I)(2)(b)(iii)(b)	required	Records required by an inspection and maintenance plan for the catalytic incinerator that meets paragraph (I)(4) of this rule.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2008 CTG-Control Techniques for Fiberglass Boat Manufacturing	Yes	Yes	No
3745-21-27	(J)(2)	required	submit to the director quarterly summaries of the records required by paragraphs (I)(2)(b) and (I)(3)(b) of	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2008 CTG-Control Techniques for Fiberglass Boat Manufacturing	Yes	Yes	No
3745-21-27	(K)(3)	required	with paragraph (H)(2)(c) of this rule may be required by the director to ensure continued compliance.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2008 CTG-Control Techniques for Fiberglass Boat Manufacturing	Yes	Yes	No
3745-21-27	(L)(1)(e)(ii)	required	for an operating permit or permit-to-install and operate is not required provided the subject process is operating under an effective permit	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2008 CTG-Control Techniques for Fiberglass Boat Manufacturing	Yes	Yes	No
3745-21-27	(L)(3)(a)(ii)(b)	required	The completion of installation and initial use of any monitoring devices required under paragraph (I) of this rule.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2008 CTG-Control Techniques for Fiberglass Boat Manufacturing	Yes	Yes	No
3745-21-27	(M)(1)(b)	required	may elect to maintain the following records in lieu of the records required under paragraph (M)(1)(a) of this rule:	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2008 CTG-Control Techniques for Fiberglass Boat Manufacturing	Yes	Yes	No
3745-21-27	(A)(1)	shall	Except as provided in paragraph (B) of this rule, paragraphs (C) to (L) of this rule shall apply to the following boat manufacturing operations	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2008 CTG-Control Techniques for Fiberglass Boat Manufacturing	Yes	Yes	No
3745-21-27	(B)(1)	shall	Production resins for which this exemption is used shall be applied with a nonatomized resin application method.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2008 CTG-Control Techniques for Fiberglass Boat Manufacturing	Yes	Yes	No
3745-21-27	(B)(2)	shall	total gel coat materials included in this exemption shall not exceed 1.0 per cent by weight of all gel coat used at the facility on a twelve-month rolling basis.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2008 CTG-Control Techniques for Fiberglass Boat Manufacturing	Yes	Yes	No
3745-21-27	(B)(3)	shall	Resins for which this exemption is used shall be applied with a nonatomized application method.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2008 CTG-Control Techniques for Fiberglass Boat Manufacturing	Yes	Yes	No
3745-21-27	(B)(4)	shall	Any owner or operator of a facility claiming an exemption pursuant to this subparagraph shall record and maintain records, as applicable, in accordance with paragraph (M)(2) of this rule.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2008 CTG-Control Techniques for Fiberglass Boat Manufacturing	Yes	Yes	No
3745-21-27	(D)(1)	shall	The owner or operator of a boat manufacturing facility shall limit monomer VOC emissions from the five operations listed below	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2008 CTG-Control Techniques for Fiberglass Boat Manufacturing	Yes	Yes	No

3745-21-27	(D)(2)	shall	The owner or operator of a boat manufacturing facility shall not apply any resin or gel coat that exceeds a non-monomer content of 5.0 per cent	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2008 CTG-Control Techniques for Fiberglass Boat Manufacturing	Yes	Yes	No
3745-21-27	(D)(3)(a)	shall	The owner or operator of a boat manufacturing facility shall limit monomer VOC emissions from open molding resin and gel coat operations	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2008 CTG-Control Techniques for Fiberglass Boat Manufacturing	Yes	Yes	No
3745-21-27	(D)(3)(b)	shall	manufacturing facility using a filled production resin or filled tooling resin shall limit monomer VOC emissions from molding	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2008 CTG-Control Techniques for Fiberglass Boat Manufacturing	Yes	Yes	No
3745-21-27	(E)(1)	shall	The VOC content of cleaning solvents employed for routine application equipment cleaning shall contain a maximum of 5.0 per cent VOC, by weight	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2008 CTG-Control Techniques for Fiberglass Boat Manufacturing	Yes	Yes	No
3745-21-27	(E)(2)	shall	Only non-VOC solvents shall be used to remove cured resin and gel coat from application equipment.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2008 CTG-Control Techniques for Fiberglass Boat Manufacturing	Yes	Yes	No
3745-21-27	(F)(1)	shall	Production resins exempt pursuant to paragraph (B)(1) of this rule shall be applied with a nonatomized application method.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2008 CTG-Control Techniques for Fiberglass Boat Manufacturing	Yes	Yes	No
3745-21-27	(F)(2)	shall	Pure one hundred per cent vinylester used for skin coats exempt pursuant to paragraph (B)(3) of this rule shall be applied with a nonatomized application method.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2008 CTG-Control Techniques for Fiberglass Boat Manufacturing	Yes	Yes	No
3745-21-27	(H)(1)	shall	Compliance with the non-monomer VOC content (weight per cent) for resin and gel coat materials shall be determined by using test methods and procedures specified in	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2008 CTG-Control Techniques for Fiberglass Boat Manufacturing	Yes	Yes	No
3745-21-27	(H)(2)	shall	Compliance with the monomer VOC emission limitation for resin and gel coat operations shall be determined using one of the following options:	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2008 CTG-Control Techniques for Fiberglass Boat Manufacturing	Yes	Yes	No
3745-21-27	(H)(2)(a)(i)	shall	The owner or operator shall demonstrate compliance by using resins and gel coats that meet the monomer VOC content requirements in table 1 of this rule.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2008 CTG-Control Techniques for Fiberglass Boat Manufacturing	Yes	Yes	No
3745-21-27	(H)(2)(a)(ii)	shall	The monomer VOC content (weight per cent) shall be determined by using SCAQMD method 312-91. As an alternative, manufacture's formulation	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2008 CTG-Control Techniques for Fiberglass Boat Manufacturing	Yes	Yes	No
3745-21-27	(H)(2)(a)(iii)	shall	the owner or operator shall comply according to the procedure described in	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2008 CTG-Control Techniques for Fiberglass Boat Manufacturing	Yes	Yes	No
3745-21-27	(H)(2)(a)(iv)	shall	At the end of the twelfth month after the facility's compliance date and at the end of every subsequent month, the owner or operator shall review the VOC	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2008 CTG-Control Techniques for Fiberglass Boat Manufacturing	Yes	Yes	No
3745-21-27	(H)(2)(a)(v)	shall	at the end of every month, the owner or operator shall use the following equation to calculate the weighted average	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2008 CTG-Control Techniques for Fiberglass Boat Manufacturing	Yes	Yes	No
3745-21-27	(H)(2)(b)(iii)	shall	PVi shall equal PVF as calculated under paragraph (H)(3) of this rule when using filled resins.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2008 CTG-Control Techniques for Fiberglass Boat Manufacturing	Yes	Yes	No
3745-21-27	(H)(2)(b)(iv)	shall	The owner or operator shall use the equations in table 2 of this rule to calculate the monomer VOC emission rate (PVi) for each resin	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2008 CTG-Control Techniques for Fiberglass Boat Manufacturing	Yes	Yes	No
3745-21-27	(H)(2)(b)(vi)	shall	Those operations and materials not included in this emissions average option shall demonstrate compliance using an option in paragraph (H)(2)(a) or (H)(2)(c) of this rule.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2008 CTG-Control Techniques for Fiberglass Boat Manufacturing	Yes	Yes	No
3745-21-27	(H)(2)(c)(i)	shall	The owner or operator shall demonstrate compliance by employing an add-on control device with a minimum overall control efficiency	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2008 CTG-Control Techniques for Fiberglass Boat Manufacturing	Yes	Yes	No
3745-21-27	(H)(2)(c)(ii)	shall	Compliance shall be determined by performing emissions tests in accordance with the following:	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2008 CTG-Control Techniques for Fiberglass Boat Manufacturing	Yes	Yes	No
3745-21-27	(H)(2)(c)(iii)(a)	shall	The general provisions specified under paragraphs (A)(2) to (A)(5) of rule 3745-21-10 of the Administrative Code shall apply to the compliance testing.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2008 CTG-Control Techniques for Fiberglass Boat Manufacturing	Yes	Yes	No
3745-21-27	(H)(2)(c)(iii)(b)	shall	The test methods and procedures of paragraph (C) of rule 3745-21-10 of the Administrative Code shall be followed.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2008 CTG-Control Techniques for Fiberglass Boat Manufacturing	Yes	Yes	No
3745-21-27	(H)(2)(c)(iii)(c)	shall	When calculating the monomer VOC emission limitation in paragraph (D)(3) of this rule, the owner or operator shall use the mass of each material used	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2008 CTG-Control Techniques for Fiberglass Boat Manufacturing	Yes	Yes	No
3745-21-27	(H)(3)(a)	shall	using a filled production resin or filled tooling resin, compliance shall be demonstrated for the filled material on an as-applied basis	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2008 CTG-Control Techniques for Fiberglass Boat Manufacturing	Yes	Yes	No
3745-21-27	(H)(3)(b)	shall	then the owner or operator shall use the value of PVF calculated using the equation above for the value of Pvi	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2008 CTG-Control Techniques for Fiberglass Boat Manufacturing	Yes	Yes	No
3745-21-27	(H)(4)(a)	shall	Compliance with the VOC content requirement shall be determined by using the procedures outlined in USEPA method 24.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2008 CTG-Control Techniques for Fiberglass Boat Manufacturing	Yes	Yes	No
3745-21-27	(H)(4)(b)	shall	Compliance with the vapor pressure requirement shall be determined by the following procedures:	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2008 CTG-Control Techniques for Fiberglass Boat Manufacturing	Yes	Yes	No
3745-21-27	(H)(4)(b)(iii)	shall	For the purpose of this calculation, the blended solvent shall be assumed to be an ideal solution	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2008 CTG-Control Techniques for Fiberglass Boat Manufacturing	Yes	Yes	No
3745-21-27	(H)(4)(b)(iii)	shall	The partial pressures of each compound at twenty degrees Celsius (sixty-eight degrees Fahrenheit) shall be used in the formula.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2008 CTG-Control Techniques for Fiberglass Boat Manufacturing	Yes	Yes	No
3745-21-27	(I)(1)	shall	The owner or operator of a boat manufacturing facility that is subject to the provisions of this rule shall collect and record the following information for each operation subject to this rule on a monthly basis and shall maintain the information at the facility for a period of five years:	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2008 CTG-Control Techniques for Fiberglass Boat Manufacturing	Yes	Yes	No

3745-21-27	(I)(1)	shall	The owner or operator of a boat manufacturing facility that is subject to the provisions of this rule shall collect and record the following information for each operation subject to this rule on a monthly basis and shall maintain the information at the facility for a period of five years:	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2008 CTG-Control Techniques for Fiberglass Boat Manufacturing	Yes	Yes	No
3745-21-27	(I)(2)	shall	incinerator or catalytic incinerator to achieve and maintain compliance, the owner or operator shall comply with the following:	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2008 CTG-Control Techniques for Fiberglass Boat Manufacturing	Yes	Yes	No
3745-21-27	(I)(2)(a)	shall	equipment shall be installed and operated to accurately measure the operating temperature for the control device.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2008 CTG-Control Techniques for Fiberglass Boat Manufacturing	Yes	Yes	No
3745-21-27	(I)(2)(b)	shall	The following information shall be collected and recorded for each day of operation of the control device, and the information shall be maintained at the facility for a period of five years:	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2008 CTG-Control Techniques for Fiberglass Boat Manufacturing	Yes	Yes	No
3745-21-27	(I)(2)(b)	shall	The following information shall be collected and recorded for each day of operation of the control device, and the information shall be maintained at the facility for a period of five years:	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2008 CTG-Control Techniques for Fiberglass Boat Manufacturing	Yes	Yes	No
3745-21-27	(I)(3)	shall	adsorption system to achieve and maintain compliance, the owner or operator shall comply with the following:	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2008 CTG-Control Techniques for Fiberglass Boat Manufacturing	Yes	Yes	No
3745-21-27	(I)(3)(a)	shall	One of the following types of monitoring and recording equipment shall be installed and operated for the carbon adsorption system:	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2008 CTG-Control Techniques for Fiberglass Boat Manufacturing	Yes	Yes	No
3745-21-27	(I)(3)(b)	shall	The following information shall be collected and recorded for each day of operation of the carbon adsorption system, and the information shall be maintained at the facility for a period of five years:	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2008 CTG-Control Techniques for Fiberglass Boat Manufacturing	Yes	Yes	No
3745-21-27	(I)(3)(b)	shall	The following information shall be collected and recorded for each day of operation of the carbon adsorption system, and the information shall be maintained at the facility for a period of five years:	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2008 CTG-Control Techniques for Fiberglass Boat Manufacturing	Yes	Yes	No
3745-21-27	(I)(4)	shall	paragraph (I)(2)(b)(iii)(b) of this rule, an inspection and maintenance plan shall be developed, maintained on-site, and made readily available upon the request	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2008 CTG-Control Techniques for Fiberglass Boat Manufacturing	Yes	Yes	No
3745-21-27	(I)(4)	shall	upon the request of the appropriate Ohio EPA district office or local air agency. At a minimum, the plan shall include the following:	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2008 CTG-Control Techniques for Fiberglass Boat Manufacturing	Yes	Yes	No
3745-21-27	(I)(4)(c)	shall	action consistent with the manufacturer's recommendations shall be implemented and a new performance test to determine destruction efficiency	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2008 CTG-Control Techniques for Fiberglass Boat Manufacturing	Yes	Yes	No
3745-21-27	(I)(4)(c)	shall	a new performance test to determine destruction efficiency in accordance with paragraph (C) of rule 3745-21-10 of the Administrative Code shall be conducted.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2008 CTG-Control Techniques for Fiberglass Boat Manufacturing	Yes	Yes	No
3745-21-27	(J)(1)	shall	Any owner or operator of a boat manufacturing facility that is subject to the provisions of this rule shall notify the director of any record maintained	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2008 CTG-Control Techniques for Fiberglass Boat Manufacturing	Yes	Yes	No
3745-21-27	(J)(1)	shall	A copy of such record shall be sent to the director within thirty days following the end of the month in which the use of noncomplying materials occurs.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2008 CTG-Control Techniques for Fiberglass Boat Manufacturing	Yes	Yes	No
3745-21-27	(J)(2)	shall	Any owner or operator of a boat manufacturing facility that employs control equipment pursuant to paragraph (H)(2)(c) of this rule shall submit to the director quarterly summaries	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2008 CTG-Control Techniques for Fiberglass Boat Manufacturing	Yes	Yes	No
3745-21-27	(J)(2)	shall	These quarterly reports shall be submitted no later than April thirtieth, July thirty-first, October thirty-first, and January thirty-first, and shall cover the records for the previous calendar quarters.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2008 CTG-Control Techniques for Fiberglass Boat Manufacturing	Yes	Yes	No
3745-21-27	(J)(2)	shall	These quarterly reports shall be submitted no later than April thirtieth, July thirty-first, October thirty-first, and January thirty-first, and shall cover the records for the previous calendar quarters.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2008 CTG-Control Techniques for Fiberglass Boat Manufacturing	Yes	Yes	No
3745-21-27	(K)(1)	shall	The owner or operator of a facility that is subject to this rule shall comply with this rule no later than the following dates:	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2008 CTG-Control Techniques for Fiberglass Boat Manufacturing	Yes	Yes	No
3745-21-27	(K)(2)	shall	the owner or operator shall demonstrate compliance with paragraph (H)(2)(c) of this rule by testing the VOC emission control equipment	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2008 CTG-Control Techniques for Fiberglass Boat Manufacturing	Yes	Yes	No
3745-21-27	(L)(1)	shall	The owner or operator of a boat manufacturing facility that is subject to this rule with an initial startup date before May 12, 2011 shall notify the Ohio EPA district office	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2008 CTG-Control Techniques for Fiberglass Boat Manufacturing	Yes	Yes	No
3745-21-27	(L)(1)	shall	The notification, which shall be submitted not later than July 11, 2011 or within sixty days after the boat manufacturing facility becomes subject to this rule, shall provide the following information:	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2008 CTG-Control Techniques for Fiberglass Boat Manufacturing	Yes	Yes	No
3745-21-27	(L)(1)	shall	The notification, which shall be submitted not later than July 11, 2011 or within sixty days after the boat manufacturing facility becomes subject to this rule, shall provide the following information:	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2008 CTG-Control Techniques for Fiberglass Boat Manufacturing	Yes	Yes	No
3745-21-27	(L)(1)(e)(ii)	shall	Such certification shall include all compliance certification requirements under paragraph (L)(3) of this rule.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2008 CTG-Control Techniques for Fiberglass Boat Manufacturing	Yes	Yes	No
3745-21-27	(L)(2)	shall	The notification, which shall be submitted not later than either the date of initial startup of the boat manufacturing facility or July 11, 2011, whichever is later, and shall provide the information listed under paragraph (L)(1) of this rule.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2008 CTG-Control Techniques for Fiberglass Boat Manufacturing	Yes	Yes	No
3745-21-27	(L)(2)	shall	The notification, which shall be submitted not later than either the date of initial startup of the boat manufacturing facility or July 11, 2011, whichever is later, and shall provide the information listed under paragraph (L)(1) of this rule.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2008 CTG-Control Techniques for Fiberglass Boat Manufacturing	Yes	Yes	No
3745-21-27	(L)(3)(a)	shall	The owner or operator of a fiberglass boat manufacturing facility that is subject to this rule shall notify the Ohio EPA district office or local air agency in writing	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2008 CTG-Control Techniques for Fiberglass Boat Manufacturing	Yes	Yes	No

3745-21-27	(L)(3)(b)	shall	The compliance certification under paragraph (L)(3)(a) of this rule shall provide the following, where applicable:	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2008 CTG-Control Techniques for Fiberglass Boat Manufacturing	Yes	Yes	No
3745-21-27	(M)(1)	shall	paragraph (A)(2)(a) of this rule, shall select one of the following methods and maintain the following records for a period of five years:	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2008 CTG-Control Techniques for Fiberglass Boat Manufacturing	Yes	Yes	No
3745-21-27	(M)(1)(a)(v)	shall	summation shall be calculated as the total VOC emissions for the current calendar month, plus the total VOC emissions from the previous eleven calendar months.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2008 CTG-Control Techniques for Fiberglass Boat Manufacturing	Yes	Yes	No
3745-21-27	(M)(2)	shall	requirements of paragraph (D) of this rule shall maintain the following records for a period of five years, as applicable:	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2008 CTG-Control Techniques for Fiberglass Boat Manufacturing	Yes	Yes	No
3745-21-27	(M)(2)(a)	shall	For a production resin employed meeting the exemption requirements specified in paragraph (B)(1) of this rule, the owner or operator shall keep a record of the resins which are being used for this exemption.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2008 CTG-Control Techniques for Fiberglass Boat Manufacturing	Yes	Yes	No
3745-21-28	(A)(3)	required	Paragraphs (B) to (H) of this rule shall not apply to miscellaneous industrial adhesive and sealant application processes for which the owner or operator is required to	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2008 CTG-Control Techniques for Miscellaneous Industrial Adhesives	Yes	Yes	No
3745-21-28	(C)(2)(e)	required	Operation records sufficient to demonstrate compliance with the requirements of this subdivision are maintained as required by paragraph (D) of this rule.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2008 CTG-Control Techniques for Miscellaneous Industrial Adhesives	Yes	Yes	No
3745-21-28	(F)(3)	required	accordance with paragraph (E)(9) of this rule may be required by the director to ensure continued compliance.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2008 CTG-Control Techniques for Miscellaneous Industrial Adhesives	Yes	Yes	No
3745-21-28	(G)(1)(e)(ii)	required	An application for an operating permit or permit-to-install and operate is not required provided the subject process is operating under an effective permit and certifies compliance.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2008 CTG-Control Techniques for Miscellaneous Industrial Adhesives	Yes	Yes	No
3745-21-28	(G)(3)(a)(ii)(b)	required	The completion of installation and initial use of any monitoring devices required under paragraph (C)(2) of this rule for the subject process.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2008 CTG-Control Techniques for Miscellaneous Industrial Adhesives	Yes	Yes	No
3745-21-28	(H)(1)(b)	required	operator may elect to maintain the following records in lieu of the records required under paragraph (H)(1)(a) of this rule:	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2008 CTG-Control Techniques for Miscellaneous Industrial Adhesives	Yes	Yes	No
3745-21-28	(A)(1)	shall	Except as provided in paragraph (A)(2) of this rule, paragraphs (B) to (G) of this rule shall apply to each miscellaneous industrial adhesive and sealant application process that meet the following:	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2008 CTG-Control Techniques for Miscellaneous Industrial Adhesives	Yes	Yes	No
3745-21-28	(A)(2)	shall	Paragraphs (C)(1), (D) and (E) of this rule shall not apply to the following:	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2008 CTG-Control Techniques for Miscellaneous Industrial Adhesives	Yes	Yes	No
3745-21-28	(A)(2)(f)	shall	Any owner or operator of a facility claiming exemption pursuant to this subparagraph shall record and maintain records in accordance with paragraph (H)(2) of this rule.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2008 CTG-Control Techniques for Miscellaneous Industrial Adhesives	Yes	Yes	No
3745-21-28	(A)(3)	shall	Paragraphs (B) to (H) of this rule shall not apply to miscellaneous industrial adhesive and sealant application processes for which the owner or operator is required	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2008 CTG-Control Techniques for Miscellaneous Industrial Adhesives	Yes	Yes	No
3745-21-28	(C)(1)	shall	The VOC content limitations in table 1 of this rule for adhesives, sealants, adhesive primers or sealant primers applied to particular substrates shall apply as follows:	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2008 CTG-Control Techniques for Miscellaneous Industrial Adhesives	Yes	Yes	No
3745-21-28	(C)(1)(b)	shall	If an adhesive is used to bond dissimilar substrates together, the applicable substrate category with the highest VOC content shall be the limitation for such use.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2008 CTG-Control Techniques for Miscellaneous Industrial Adhesives	Yes	Yes	No
3745-21-28	(C)(1)(c)	shall	All adhesives, sealants, adhesive primers or sealant primers shall be applied using one of the following application methods:	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2008 CTG-Control Techniques for Miscellaneous Industrial Adhesives	Yes	Yes	No
3745-21-28	(C)(2)(f)	shall	inspection and maintenance plan shall be developed, maintained on-site, and made readily available upon the request of the appropriate Ohio EPA district office or local air agency. At a minimum, the plan shall include the following:	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2008 CTG-Control Techniques for Miscellaneous Industrial Adhesives	Yes	Yes	No
3745-21-28	(C)(2)(f)	shall	inspection and maintenance plan shall be developed, maintained on-site, and made readily available upon the request of the appropriate Ohio EPA district office or local air agency. At a minimum, the plan shall include the following:	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2008 CTG-Control Techniques for Miscellaneous Industrial Adhesives	Yes	Yes	No
3745-21-28	(C)(2)(f)(iii)	shall	corrective action consistent with the manufacturer's recommendations shall be implemented and a new performance test to determine destruction	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2008 CTG-Control Techniques for Miscellaneous Industrial Adhesives	Yes	Yes	No
3745-21-28	(C)(2)(f)(iii)	shall	in accordance with paragraph (C) of rule 3745-21-10 of the Administrative Code shall be conducted.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2008 CTG-Control Techniques for Miscellaneous Industrial Adhesives	Yes	Yes	No
3745-21-28	(C)(3)	shall	process using adhesives, sealants, adhesive primers, sealant primers, surface preparation solvents or cleanup solvents subject to this rule shall do the following:	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2008 CTG-Control Techniques for Miscellaneous Industrial Adhesives	Yes	Yes	No
3745-21-28	(C)(4)	shall	The provisions of paragraphs (C)(1) to (C)(3) of this rule shall not apply to any emissions unit that meets the following:	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2008 CTG-Control Techniques for Miscellaneous Industrial Adhesives	Yes	Yes	No
3745-21-28	(C)(4)(a)	shall	The alternative limitation shall be the lowest emission limitation that the adhesives, adhesive primers, sealants and sealant primers operation	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2008 CTG-Control Techniques for Miscellaneous Industrial Adhesives	Yes	Yes	No
3745-21-28	(C)(4)(a)	shall	The alternative limitation shall be an emissions rate (e.g., pounds VOC per gallon) or overall per cent reduction but shall not be in terms of mass per time (e.g., pounds per hour).	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2008 CTG-Control Techniques for Miscellaneous Industrial Adhesives	Yes	Yes	No
3745-21-28	(C)(4)(a)	shall	The alternative limitation shall be an emissions rate (e.g., pounds VOC per gallon) or overall per cent reduction but shall not be in terms of mass per time (e.g., pounds per hour).	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2008 CTG-Control Techniques for Miscellaneous Industrial Adhesives	Yes	Yes	No
3745-21-28	(D)(1)	shall	application process subject to this rule shall maintain records demonstrating compliance with this rule, including, but not limited to, the following information:	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2008 CTG-Control Techniques for Miscellaneous Industrial Adhesives	Yes	Yes	No
3745-21-28	(D)(2)	shall	of this rule through the use of add-on air pollution control equipment shall record the key operating parameters for the control equipment	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2008 CTG-Control Techniques for Miscellaneous Industrial Adhesives	Yes	Yes	No

3745-21-28	(D)(2)(d)	shall	records, and a description of the results of each inspection and catalyst activity analysis, as specified in paragraph (C)(2)(f) of this rule, shall be maintained.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2008 CTG-Control Techniques for Miscellaneous Industrial Adhesives	Yes	Yes	No
3745-21-28	(D)(3)	shall	All records made to determine compliance with this rule shall be maintained for five years from the date such record is created and shall be made available to	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2008 CTG-Control Techniques for Miscellaneous Industrial Adhesives	Yes	Yes	No
3745-21-28	(D)(3)	shall	years from the date such record is created and shall be made available to the director or any authorized representative of the director within ninety days of a request.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2008 CTG-Control Techniques for Miscellaneous Industrial Adhesives	Yes	Yes	No
3745-21-28	(E)(1)	shall	Except as provided in paragraphs (E)(3) to (E)(4) of this rule, the VOC and solids content of all non-aerosol adhesives, and adhesive primers shall be determined using USEPA method 24	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2008 CTG-Control Techniques for Miscellaneous Industrial Adhesives	Yes	Yes	No
3745-21-28	(E)(2)	shall	The organic content of exempt organic compounds shall be determined using ASTM D4457-02(2008), as applicable.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2008 CTG-Control Techniques for Miscellaneous Industrial Adhesives	Yes	Yes	No
3745-21-28	(E)(3)	shall	The VOC content of any plastic cement welding adhesive or primer shall be determined using SCAQMD method 316A.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2008 CTG-Control Techniques for Miscellaneous Industrial Adhesives	Yes	Yes	No
3745-21-28	(E)(4)	shall	compound that becomes an integral part of the finished materials shall be determined using SCAQMD method 316A.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2008 CTG-Control Techniques for Miscellaneous Industrial Adhesives	Yes	Yes	No
3745-21-28	(E)(5)	shall	adhesive, less water and exempt compounds, shall be calculated according to the following equation:	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2008 CTG-Control Techniques for Miscellaneous Industrial Adhesives	Yes	Yes	No
3745-21-28	(E)(6)	shall	exempt compounds, shall be calculated according to the following equation:	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2008 CTG-Control Techniques for Miscellaneous Industrial Adhesives	Yes	Yes	No
3745-21-28	(E)(7)	shall	Pounds of VOC per gallon of material shall be calculated according to the following equation:	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2008 CTG-Control Techniques for Miscellaneous Industrial Adhesives	Yes	Yes	No
3745-21-28	(E)(8)	shall	Per cent VOC by weight shall be calculated according to the following equation:	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2008 CTG-Control Techniques for Miscellaneous Industrial Adhesives	Yes	Yes	No
3745-21-28	(E)(9)	shall	If add-on air pollution control equipment is used to meet this rule, the following emissions testing shall be applicable:	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2008 CTG-Control Techniques for Miscellaneous Industrial Adhesives	Yes	Yes	No
3745-21-28	(E)(9)(a)	shall	The general provisions specified under paragraphs (A)(2) to (A)(5) of rule 3745-21-10 of the Administrative Code shall apply to compliance testing.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2008 CTG-Control Techniques for Miscellaneous Industrial Adhesives	Yes	Yes	No
3745-21-28	(E)(9)(b)	shall	The test methods and procedures of paragraph (C) of rule 3745-21-10 of the Administrative Code shall be followed.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2008 CTG-Control Techniques for Miscellaneous Industrial Adhesives	Yes	Yes	No
3745-21-28	(E)(9)(b)	shall	requirements of paragraph (C)(2) of this rule, the affected source shall be run at typical operating conditions	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2008 CTG-Control Techniques for Miscellaneous Industrial Adhesives	Yes	Yes	No
3745-21-28	(F)(1)	shall	process subject to this rule shall comply with this rule no later than the following dates:	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2008 CTG-Control Techniques for Miscellaneous Industrial Adhesives	Yes	Yes	No
3745-21-28	(F)(2)	shall	process that is subject to this rule shall demonstrate compliance with paragraph (C)(2) of this rule	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2008 CTG-Control Techniques for Miscellaneous Industrial Adhesives	Yes	Yes	No
3745-21-28	(G)(1)	shall	process that is subject to this rule with an initial startup date before May 12, 2011 shall notify the Ohio EPA district office or local air agency in writing	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2008 CTG-Control Techniques for Miscellaneous Industrial Adhesives	Yes	Yes	No
3745-21-28	(G)(1)	shall	The notification, which shall be submitted not later than July 11, 2011 (or within sixty days after the process becomes subject to this	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2008 CTG-Control Techniques for Miscellaneous Industrial Adhesives	Yes	Yes	No
3745-21-28	(G)(1)	shall	(or within sixty days after the process becomes subject to this rule), shall provide the following information:	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2008 CTG-Control Techniques for Miscellaneous Industrial Adhesives	Yes	Yes	No
3745-21-28	(G)(1)(e)(ii)	shall	Such certification shall include all compliance certification requirements under paragraph (G)(3) of this rule.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2008 CTG-Control Techniques for Miscellaneous Industrial Adhesives	Yes	Yes	No
3745-21-28	(G)(2)	shall	process that is subject to this rule with an initial startup date on or after May 12, 2011 shall notify the Ohio EPA district office or local air agency in writing	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2008 CTG-Control Techniques for Miscellaneous Industrial Adhesives	Yes	Yes	No
3745-21-28	(G)(2)	shall	The notification, which shall be submitted not later than either the date of initial startup of the subject process, or July 11, 2011 of this rule (whichever is later), shall provide the information listed under paragraph (G)(1) of this rule.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2008 CTG-Control Techniques for Miscellaneous Industrial Adhesives	Yes	Yes	No
3745-21-28	(G)(2)	shall	The notification, which shall be submitted not later than either the date of initial startup of the subject process, or July 11, 2011 of this rule (whichever is later), shall provide the information listed under paragraph (G)(1) of this rule.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2008 CTG-Control Techniques for Miscellaneous Industrial Adhesives	Yes	Yes	No
3745-21-28	(G)(3)(a)	shall	The owner or operator of a miscellaneous industrial adhesive and sealant application process that is subject to this rule shall notify the Ohio EPA district office	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2008 CTG-Control Techniques for Miscellaneous Industrial Adhesives	Yes	Yes	No
3745-21-28	(G)(3)(b)	shall	The compliance certification under paragraph (G)(3)(a) of this rule shall provide the following, where applicable:	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2008 CTG-Control Techniques for Miscellaneous Industrial Adhesives	Yes	Yes	No
3745-21-28	(H)(1)	shall	the facility is not subject to paragraphs (B) to (G) of this rule, shall select one of the following methods	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2008 CTG-Control Techniques for Miscellaneous Industrial Adhesives	Yes	Yes	No
3745-21-28	(H)(1)(a)(iv)	shall	summation shall be calculated as the total VOC emissions for the current calendar month, plus the total VOC emissions	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2008 CTG-Control Techniques for Miscellaneous Industrial Adhesives	Yes	Yes	No
3745-21-28	(H)(2)	shall	in accordance with paragraph (A)(2)(f) of this rule, shall maintain records for a period of five years identifying that all supplied containers of said materials meet the exemption.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2008 CTG-Control Techniques for Miscellaneous Industrial Adhesives	Yes	Yes	No
3745-21-29	(F)(7)(b)	required	During the compliance test, the owner or operator shall establish the operating limits (operating parameter values) for the required monitoring devices by following the requirements	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2008 CTG-Control Techniques for Automobile and Light-duty Truck Assembly Coatings	Yes	Yes	No

3745-21-29	(H)(3)	required	control equipment in accordance with paragraph (F)(7) of this rule may be required by the director to ensure continued compliance.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2008 CTG-Control Techniques for Automobile and Light-duty Truck Assembly Coatings	Yes	Yes	No
3745-21-29	(I)(1)(e)(ii)	required	An application for an operating permit or permit-to-install and operate is not required provided the subject process is operating under an effective permit	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2008 CTG-Control Techniques for Automobile and Light-duty Truck Assembly Coatings	Yes	Yes	No
3745-21-29	(I)(3)(a)(ii)(b)	required	The completion of installation and initial use of any monitoring devices required under paragraph (F)(7) of this rule for the subject process.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2008 CTG-Control Techniques for Automobile and Light-duty Truck Assembly Coatings	Yes	Yes	No
3745-21-29	(J)(1)(b)	required	operator may elect to maintain the following records in lieu of the records required under paragraph (J)(1)(a) of this rule:	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2008 CTG-Control Techniques for Automobile and Light-duty Truck Assembly Coatings	Yes	Yes	No
3745-21-29	(A)(1)	shall	Except as otherwise provided in paragraph (A)(3) of this rule, paragraphs (B) to (I) of this rule shall apply to the following operations at an automobile	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2008 CTG-Control Techniques for Automobile and Light-duty Truck Assembly Coatings	Yes	Yes	No
3745-21-29	(A)(3)(a)	shall	Paragraphs (B) to (I) this rule shall not apply to any plastic or composites molding facility where all of the body parts topcoated at this facility for use	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2008 CTG-Control Techniques for Automobile and Light-duty Truck Assembly Coatings	Yes	Yes	No
3745-21-29	(D)	shall	Such add-on air pollution control equipment shall meet paragraph (F)(7) of this rule.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2008 CTG-Control Techniques for Automobile and Light-duty Truck Assembly Coatings	Yes	Yes	No
3745-21-29	(E)	shall	Any owner or operator of coating operations for which emission limitations are specified under paragraph (C) of this rule shall do the following:	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2008 CTG-Control Techniques for Automobile and Light-duty Truck Assembly Coatings	Yes	Yes	No
3745-21-29	(E)(6)	shall	The work practice plan shall specify practices and procedures to ensure that VOC emissions from the following operations are minimized:	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2008 CTG-Control Techniques for Automobile and Light-duty Truck Assembly Coatings	Yes	Yes	No
3745-21-29	(F)(1)	shall	The VOC content of a coating, other than a reactive adhesive, shall be determined by the owner or operator in accordance with paragraph (B) of rule 3745-21-10	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2008 CTG-Control Techniques for Automobile and Light-duty Truck Assembly Coatings	Yes	Yes	No
3745-21-29	(F)(2)	shall	The VOC content of a reactive adhesive shall be determined from coating formulation data from the coating user or coating manufacturer,	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2008 CTG-Control Techniques for Automobile and Light-duty Truck Assembly Coatings	Yes	Yes	No
3745-21-29	(F)(2)	shall	the data obtained by analytical procedures shall be employed, except as otherwise provided in paragraph (B)(12) of rule 3745-21-10	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2008 CTG-Control Techniques for Automobile and Light-duty Truck Assembly Coatings	Yes	Yes	No
3745-21-29	(F)(3)(a)	shall	The as-applied VOC content of a coating applied by a dip coater shall be determined by the owner or operator as a rolling thirty-day average	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2008 CTG-Control Techniques for Automobile and Light-duty Truck Assembly Coatings	Yes	Yes	No
3745-21-29	(F)(3)(a)	shall	of VOC per gallon of coating, excluding water and exempt solvents, as applied, shall be calculated for each day of operation of the dip coater as follows:	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2008 CTG-Control Techniques for Automobile and Light-duty Truck Assembly Coatings	Yes	Yes	No
3745-21-29	(F)(3)(b)	shall	The as applied VOC content of an EDP primer shall be determined by the owner or operator as a monthly average of the VOC content of the material	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2008 CTG-Control Techniques for Automobile and Light-duty Truck Assembly Coatings	Yes	Yes	No
3745-21-29	(F)(3)(b)	shall	expressed in pounds of VOC per gallon of solids, as applied, shall be calculated for each month of operation of the dip coater as follows:	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2008 CTG-Control Techniques for Automobile and Light-duty Truck Assembly Coatings	Yes	Yes	No
3745-21-29	(F)(4)	shall	Compliance with the limitations specified in paragraphs (C)(1)(c) to (C)(1)(e) of this rule shall be determined each day of operation in accordance with the publication	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2008 CTG-Control Techniques for Automobile and Light-duty Truck Assembly Coatings	Yes	Yes	No
3745-21-29	(F)(4)	shall	Compliance with the limitation specified in paragraph (C)(1)(a) of this rule shall be determined each day of operation and is based upon a weighted average by volume	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2008 CTG-Control Techniques for Automobile and Light-duty Truck Assembly Coatings	Yes	Yes	No
3745-21-29	(F)(5)	shall	The solids turnover ratio (RT) of an EDP coating operation shall be calculated as follows:	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2008 CTG-Control Techniques for Automobile and Light-duty Truck Assembly Coatings	Yes	Yes	No
3745-21-29	(F)(6)	shall	by analytical procedures, the data obtained by analytical procedures shall be employed, except as otherwise provided in paragraph (B)(12) of rule 3745-21-10	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2008 CTG-Control Techniques for Automobile and Light-duty Truck Assembly Coatings	Yes	Yes	No

3745-21-29	(F)(7)	shall	For add-on air pollution control equipment employed in accordance with paragraph (D) of this rule, the owner or operator shall do the following:	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2008 CTG-Control Techniques for Automobile and Light-duty Truck Assembly Coatings	Yes	Yes	No
3745-21-29	(F)(7)(b)	shall	EPA-453/R-08-002 shall be used instead, and, if appropriate, "Protocol for Determining the Daily Volatile Organic Compound Emission Rate	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2008 CTG-Control Techniques for Automobile and Light-duty Truck Assembly Coatings	Yes	Yes	No
3745-21-29	(F)(7)(b)	shall	During the compliance test, the owner or operator shall establish the operating limits (operating parameter values) for the required monitoring devices	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2008 CTG-Control Techniques for Automobile and Light-duty Truck Assembly Coatings	Yes	Yes	No
3745-21-29	(G)(2)	shall	For any coating operation subject to paragraph (C) of this rule, the owner or operator shall maintain the following records:	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2008 CTG-Control Techniques for Automobile and Light-duty Truck Assembly Coatings	Yes	Yes	No
3745-21-29	(G)(2)(i)	shall	For any coating operation subject to paragraph (C)(1)(c), (C)(1)(d) or (C)(1)(e) of this rule, the owner or operator shall maintain the records specified in	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2008 CTG-Control Techniques for Automobile and Light-duty Truck Assembly Coatings	Yes	Yes	No
3745-21-29	(G)(3)	shall	For the coating-related activities and cleaning materials, the owner or operator shall maintain the following records on a monthly basis:	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2008 CTG-Control Techniques for Automobile and Light-duty Truck Assembly Coatings	Yes	Yes	No
3745-21-29	(G)(4)	shall	For an add-on pollution control system that is employed in accordance with paragraph (D) of this rule, the owner or operator shall maintain the same monitoring records as specified under paragraph (K)(5)	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2008 CTG-Control Techniques for Automobile and Light-duty Truck Assembly Coatings	Yes	Yes	No
3745-21-29	(G)(5)	shall	All records made to determine compliance with this rule shall be maintained for five years from the date such record is created and shall be made available to the director	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2008 CTG-Control Techniques for Automobile and Light-duty Truck Assembly Coatings	Yes	Yes	No
3745-21-29	(G)(5)	shall	All records made to determine compliance with this rule shall be maintained for five years from the date such record is created and shall be made available to the director	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2008 CTG-Control Techniques for Automobile and Light-duty Truck Assembly Coatings	Yes	Yes	No
3745-21-29	(H)(1)	shall	The owner or operator of a coating operation that is subject to this rule shall comply with this rule no later than the following dates:	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2008 CTG-Control Techniques for Automobile and Light-duty Truck Assembly Coatings	Yes	Yes	No
3745-21-29	(H)(2)	shall	The owner or operator of a coating operation that is subject to this rule shall demonstrate compliance with paragraph (D) of this rule	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2008 CTG-Control Techniques for Automobile and Light-duty Truck Assembly Coatings	Yes	Yes	No
3745-21-29	(I)(1)	shall	The owner or operator of a coating operation that is subject to this rule with an initial startup date before May 12, 2011 shall notify the Ohio EPA district office	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2008 CTG-Control Techniques for Automobile and Light-duty Truck Assembly Coatings	Yes	Yes	No
3745-21-29	(I)(1)	shall	The notification, which shall be submitted not later than July 11, 2011 (or within sixty days after the coating operation becomes subject to this rule), shall provide the following information:	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2008 CTG-Control Techniques for Automobile and Light-duty Truck Assembly Coatings	Yes	Yes	No
3745-21-29	(I)(1)	shall	The notification, which shall be submitted not later than July 11, 2011 (or within sixty days after the coating operation becomes subject to this rule), shall provide the following information:	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2008 CTG-Control Techniques for Automobile and Light-duty Truck Assembly Coatings	Yes	Yes	No
3745-21-29	(I)(1)(e)(ii)	shall	Such certification shall include all compliance certification requirements under paragraph (I)(3) of this rule.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2008 CTG-Control Techniques for Automobile and Light-duty Truck Assembly Coatings	Yes	Yes	No
3745-21-29	(I)(2)	shall	startup date on or after May 12, 2011 shall notify the Ohio EPA district office or local air agency in writing	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2008 CTG-Control Techniques for Automobile and Light-duty Truck Assembly Coatings	Yes	Yes	No
3745-21-29	(I)(2)	shall	which shall be submitted not later than either the date of initial startup of the subject coating operation, or July 11, 2011 (whichever is later), shall provide the information listed under paragraph (I)(1) of this rule.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2008 CTG-Control Techniques for Automobile and Light-duty Truck Assembly Coatings	Yes	Yes	No
3745-21-29	(I)(2)	shall	which shall be submitted not later than either the date of initial startup of the subject coating operation, or July 11, 2011 (whichever is later), shall provide the information listed under paragraph (I)(1) of this rule.	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2008 CTG-Control Techniques for Automobile and Light-duty Truck Assembly Coatings	Yes	Yes	No
3745-21-29	(I)(3)(a)	shall	The owner or operator of a coating operation that is subject to this rule shall notify the Ohio EPA district office or local air agency in writing within thirty days	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2008 CTG-Control Techniques for Automobile and Light-duty Truck Assembly Coatings	Yes	Yes	No
3745-21-29	(I)(3)(b)	shall	The compliance certification under paragraph (I)(3)(a) of this rule shall provide the following, where applicable:	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2008 CTG-Control Techniques for Automobile and Light-duty Truck Assembly Coatings	Yes	Yes	No

3745-21-29	(J)(1)	shall	the limitation specified in paragraph (A)(2)(a) of this rule, shall select one of the following methods and maintain the following records for a period of five years:	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2008 CTG-Control Techniques for Automobile and Light-duty Truck Assembly Coatings	Yes	Yes	No
3745-21-29	(J)(1)(a)(iv)	shall	The rolling twelve-month average shall be calculated as the total VOC emissions, for the current calendar month,	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2008 CTG-Control Techniques for Automobile and Light-duty Truck Assembly Coatings	Yes	Yes	No
3745-21-29	(J)(2)	shall	in accordance with paragraph (A)(3)(b)(ii) of this rule, shall maintain records for a period of five years	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2008 CTG-Control Techniques for Automobile and Light-duty Truck Assembly Coatings	Yes	Yes	No
3745-21-29	(J)(3)	shall	in accordance with paragraph (A)(3)(b)(iii) of this rule, shall maintain the following records for a period of five years:	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	2008 CTG-Control Techniques for Automobile and Light-duty Truck Assembly Coatings	Yes	Yes	No
3745-21-10	(A)(2)	shall	Use of an alternative test method, in lieu of one of the USEPA's approved test methods or in lieu of other methods specified in this rule, shall be approved by the USEPA as a revision of the state implementation plan.	3704.03(E)	Fed	CAA 182			Yes
3745-21-10	(A)(3)	shall not	The results of any compliance testing required by the director for tests conducted pursuant to paragraphs (C) to (F) and (L) of this rule shall not be accepted unless the Ohio EPA district office or local air agency has been notified of the intent to test in accordance with paragraph (A)(4) of this rule not less than thirty days before the proposed initiation of the testing.	3704.03(E)	Fed	CAA 182			No
3745-21-10	(A)(4)	shall	Any person notifying the Ohio EPA district office or local air agency of a proposed emissions compliance test shall include as part of the notification the following information: (a) A statement indicating...	3704.03(E)	Fed	CAA 182			No
3745-21-10	(A)(5)	shall	For any source compliance determination, the owner or operator of the source shall be responsible for providing the following: (a) Sampling ports, pipes, lines, or appurtenances...	3704.03(E)	Fed	CAA 182			No
3745-21-10	(B)(1)	shall	This method applies to coatings, inks or other coating materials employed in a coating line, printing line or other operation. For purposes of this method "coating" shall also mean "ink" or other coating material.	3704.03(E)	Fed	CAA 182			No
3745-21-10	(B)(2)	shall	Any determination of VOC content, solids content, or density of a coating shall be based on the coating as employed (as applied), including the addition of any thinner or viscosity reducer to the coating.	3704.03(E)	Fed	CAA 182			No
3745-21-10	(B)(3)	shall	When a sample of a coating is obtained for analysis by any of the procedures described in this method, the amount of the sample shall be at least one quart.	3704.03(E)	Fed	CAA 182			No
3745-21-10	(B)(3)	shall	The sample shall be placed in an air-tight container. When multiple package coatings are sampled, separate samples of each component shall be obtained.	3704.03(E)	Fed	CAA 182			No
3745-21-10	(B)(3)	shall	The sample shall be placed in an air-tight container. When multiple package coatings are sampled, separate samples of each component shall be obtained.	3704.03(E)	Fed	CAA 182			No
3745-21-10	(B)(4)	shall	Using either the procedures set forth in USEPA method 24 (for coatings), USEPA method 24A (for flexographic and rotogravure printing inks and related coatings) and 40 CFR Part 63, Subpart PPPP, Appendix A (for reactive adhesives), or the coating formulation data from the coating manufacturer and coating user, the following shall be determined, where appropriate: DC = density of coating, in pounds of coating per gallon of coating. DVM = density of volatile matter...	3704.03(E)	Fed	CAA 182			No
3745-21-10	(B)(4)	shall	WVM = weight fraction of volatile matter in coating, in pound of volatile matter per pound of coating. If this weight fraction is determined by ASTM D2369-04, "Standard Test Method for Volatile Content of Coatings," the drying conditions shall be one hundred ten degrees Celsius for one hour, except where otherwise authorized by the director based on an alternate analytical procedure that is satisfactorily demonstrated to the director by the coating manufacturer to be more representative of the actual cure mechanism of the coating.	3704.03(E)	Fed	CAA 182			No
3745-21-10	(B)(5)	shall	If the coating contains a volatile matter other than VOC or water, the identity and content of such volatile matter may be determined using either standard gas chromatographic techniques or coating formulation data from the coating manufacturer and coating user. The density of such volatile matter may be determined using either the procedures set forth in ASTM D1475-98(2012) or data from reference texts. For purposes of this method, such volatile matter shall be referred to as exempt solvent. The following may be determined, where appropriate: DES = density of exempt solvent...	3704.03(E)	Fed	CAA 182			No
3745-21-10	(B)(6)	shall	The weight fraction WVOC of VOC in a coating and the volume fraction VVOC of VOC in a coating shall be calculated as follows, where appropriate: WVOC = WVM - WW - WES, VVOC = VVM - VW - VES	3704.03(E)	Fed	CAA 182			No
3745-21-10	(B)(8)	shall	The VOC content of a coating shall be calculated as follows, where appropriate: CVOC,1 = (DC)(WVOC), CVOC,2 = (DC)(WVOC) / (VS + VVOC) ...	3704.03(E)	Fed	CAA 182			No
3745-21-10	(B)(9)	shall	The weighted average VOC content of the coatings employed during a specified time period t shall be calculated as follows, where appropriate: ...	3704.03(E)	Fed	CAA 182			No
3745-21-10	(B)(10)	shall	The density of the VOC content of a coating may be determined using either the procedures set forth in ASTM D1475-98(2012) or data from reference texts. If ASTM D1475-98(2012) is employed, the density shall be the arithmetic average of three determinations.	3704.03(E)	Fed	CAA 182			No
3745-21-10	(B)(11)	shall	In the event of a dispute between coating formulation data and data obtained by analytical procedures, the data obtained by analytical procedures shall be employed, except as otherwise provided in paragraph (B)(12) of this rule.	3704.03(E)	Fed	CAA 182			No

3745-21-10	(B)(12)	shall	If a VOC content value obtained by analytical procedures is higher than a VOC content value obtained by formulation data due to any VOC that is formed during baking or curing (i.e., cure volatiles), then the VOC content of the portion of the coating not subject to curing or baking shall be based on formulation data and the VOC content of the portion of the coating subject to curing or baking shall be based on analytical procedures.	3704.03(E)	Fed	CAA 182			No
3745-21-10	(B)(12)	shall	If a VOC content value obtained by analytical procedures is higher than a VOC content value obtained by formulation data due to any VOC that is formed during baking or curing (i.e., cure volatiles), then the VOC content of the portion of the coating not subject to curing or baking shall be based on formulation data and the VOC content of the portion of the coating subject to curing or baking shall be based on analytical procedures.	3704.03(E)	Fed	CAA 182			No
3745-21-10	(B)(12)	shall	The portion of the coating subject to curing or baking shall be equal to the measured transfer efficiency for the coating applicator and object being coated.	3704.03(E)	Fed	CAA 182			No
3745-21-10	(B)(12)	shall not	Also, in cases where analytical results and formulation data are combined for a waterborne coating, the interlaboratory precision adjustments specified in the analytical procedures shall not be applied to the analytical results.	3704.03(E)	Fed	CAA 182			No
3745-21-10	(C)(2)	shall	The concentration of VOC in a gas stream or exhaust vent shall be determined by utilizing the following methods: (a) USEPA method 25 or USEPA method 25A...	3704.03(E)	Fed	CAA 182			No
3745-21-10	(C)(3)	shall	The following procedures shall be included in any source testing or determination where applicable: (a) The source...	3704.03(E)	Fed	CAA 182			No
3745-21-10	(C)(3)(a)	shall	(a) The source shall be operated at or near maximum operating capacity during any testing and the measurement of the operating rate shall be made in a manner acceptable to the Ohio EPA.	3704.03(E)	Fed	CAA 182			No
3745-21-10	(C)(3)(a)	shall	(a) The source shall be operated at or near maximum operating capacity during any testing and the measurement of the operating rate shall be made in a manner acceptable to the Ohio EPA.	3704.03(E)	Fed	CAA 182			No
3745-21-10	(C)(3)(b)	shall	The VOC content of any coatings employed shall be sampled and analyzed in accordance with paragraph (B) of this rule.	3704.03(E)	Fed	CAA 182			No
3745-21-10	(C)(3)(c)	shall	The capture efficiency of any vapor collection system used to transport the VOC emissions from their point of origin to the vapor control system shall be determined in accordance with USEPA methods 204 to 204F or the alternative capture efficiency testing protocols specified in the USEPA, Office of Air Quality Planning and Standards document entitled "Guidelines for determining capture efficiency."	3704.03(E)	Fed	CAA 182			No
3745-21-10	(C)(3)(d)	shall	The control efficiency of any vapor control system used to reduce the emission of VOC shall be based upon an emissions test or a recovery test.	3704.03(E)	Fed	CAA 182			No
3745-21-10	(C)(3)(d)	shall	For a vapor control system that destroys VOC (e.g., an incineration system), either the streams entering and leaving the vapor control system shall be tested or, if acceptable to the director, the amount of VOC employed shall be measured and the gas stream leaving the vapor control system shall be tested.	3704.03(E)	Fed	CAA 182			No
3745-21-10	(C)(3)(d)	shall	For a vapor control system that destroys VOC (e.g., an incineration system), either the streams entering and leaving the vapor control system shall be tested or, if acceptable to the director, the amount of VOC employed shall be measured and the gas stream leaving the vapor control system shall be tested.	3704.03(E)	Fed	CAA 182			No
3745-21-10	(C)(3)(d)	shall	For a vapor control system that destroys VOC (e.g., an incineration system), either the streams entering and leaving the vapor control system shall be tested or, if acceptable to the director, the amount of VOC employed shall be measured and the gas stream leaving the vapor control system shall be tested.	3704.03(E)	Fed	CAA 182			No
3745-21-10	(C)(3)(d)	shall	For a vapor control system that recovers VOC (e.g., a carbon adsorption system), either the gas streams entering and leaving the vapor control system shall be tested or, if acceptable to the director, the amounts of VOC employed and recovered or, employed and emitted, shall be measured or tested.	3704.03(E)	Fed	CAA 182			No
3745-21-10	(C)(3)(d)	shall	For a vapor control system that recovers VOC (e.g., a carbon adsorption system), either the gas streams entering and leaving the vapor control system shall be tested or, if acceptable to the director, the amounts of VOC employed and recovered or, employed and emitted, shall be measured or tested.	3704.03(E)	Fed	CAA 182			No
3745-21-10	(C)(3)(e)	shall	For the testing of a gas stream vented to a vapor control system, samples shall be taken simultaneously at the inlet and the outlet of the vapor control system.	3704.03(E)	Fed	CAA 182			No
3745-21-10	(C)(3)(f)	shall	For the testing of a gas stream, the sampling location, volumetric flow rate, molecular weight, carbon dioxide and oxygen contents, excess air, and water vapor content shall be determined in accordance with USEPA methods 1, 1A, 2, 2A, 2C, 2D, 3 and 4.	3704.03(E)	Fed	CAA 182			No
3745-21-10	(C)(3)(g)	shall	For gas streams tested by USEPA method 25 or 25A, the VOC emission rate shall be based upon the average of three test runs.	3704.03(E)	Fed	CAA 182			No
3745-21-10	(C)(3)(g)	shall	Each run shall have a minimum duration of one hour and a minimum sample volume of .003 dry standard cubic meter, except that shorter sampling times or smaller volumes, when necessitated by process variables, may be found acceptable.	3704.03(E)	Fed	CAA 182			No
3745-21-10	(C)(3)(h)	shall	The control efficiency of the vapor control system shall be the per cent reduction in mass emissions of VOC between the inlet and the outlet of the vapor control system.	3704.03(E)	Fed	CAA 182			No
3745-21-10	(C)(3)(h)	shall	If this efficiency is based upon an emissions test utilizing USEPA method 25 or 25A, the mass emissions of VOC as carbon shall be employed in the efficiency determination.	3704.03(E)	Fed	CAA 182			No
3745-21-10	(C)(3)(i)	shall	The capture efficiency of the vapor collection system shall be the per cent of total mass emissions of VOC emitted from the source which are vented to the vapor control system.	3704.03(E)	Fed	CAA 182			No
3745-21-10	(C)(3)(i)	shall	If this efficiency is based upon an emissions test utilizing USEPA method 25 or 25A, the mass emissions of VOC as carbon shall be employed in the efficiency determination.	3704.03(E)	Fed	CAA 182			No

3745-21-10	(C)(3)(j)	shall	The overall control efficiency (in per cent) of any control equipment for VOC emissions shall be the vapor capture efficiency multiplied by the vapor control efficiency and divided by one hundred.	3704.03(E)	Fed	CAA 182			No
3745-21-10	(C)(3)(k)	shall	The total mass emission rate of VOC from a source equipped with control equipment shall be the sum of VOC emissions from the vapor control system, VOC emissions not collected by the vapor collection system and VOC emissions from any losses associated with the vapor collection system and vapor control system.	3704.03(E)	Fed	CAA 182			No
3745-21-10	(C)(4)	shall	The VOC mass emissions rate for a gas stream tested by USEPA method 18 shall be calculated as follows:	3704.03(E)	Fed	CAA 182			No
3745-21-10	(C)(5)	shall	The mass emission rate of VOC as carbon for a gas stream tested by USEPA method 25 shall be calculated as follows: Es = K CsQs...	3704.03(E)	Fed	CAA 182			No
3745-21-10	(D)(3)	shall	The following procedure shall be followed to perform a material balance test: (a) Clean the degreaser sump before testing...	3704.03(E)	Fed	CAA 182			No
3745-21-10	(E)(2)	shall	The VOC emission rates shall be determined in accordance with the methods and procedures contained in 40 CFR 60.503(b), (c), (e) and (f) of "Subpart XX - Standards of Performance for Bulk Gasoline Terminals."	3704.03(E)	Fed	CAA 182			No
3745-21-10	(E)(3)	shall	During any test, all loading racks shall be open for each product line which is controlled by the system under test. Simultaneous use of more than one loading rack shall occur to the extent that such use would normally occur.	3704.03(E)	Fed	CAA 182			No
3745-21-10	(E)(3)	shall	During any test, all loading racks shall be open for each product line which is controlled by the system under test. Simultaneous use of more than one loading rack shall occur to the extent that such use would normally occur.	3704.03(E)	Fed	CAA 182			No
3745-21-10	(E)(4)	shall	Simultaneous use of more than one dispenser on each loading rack shall occur to the extent that such use would normally occur.	3704.03(E)	Fed	CAA 182			No
3745-21-10	(E)(5)	shall	Dispensing rates shall be set at the maximum rate at which the equipment is typically operated. Automatic product dispensers are to be used according to normal operating practices.	3704.03(E)	Fed	CAA 182			No
3745-21-10	(E)(6)	shall	Applicable operating parameters of the vapor control system shall be monitored to demonstrate that the control unit is operating at design levels. Delivery devices shall be leak free.	3704.03(E)	Fed	CAA 182			No
3745-21-10	(E)(6)	shall	Applicable operating parameters of the vapor control system shall be monitored to demonstrate that the control unit is operating at design levels. Delivery devices shall be leak free.	3704.03(E)	Fed	CAA 182			No
3745-21-10	(E)(7)	shall	For each gasoline tank truck loaded during the test period, all potential sources of leaks shall be checked in accordance with the method specified in paragraph (K) of this rule. The tank identification number, the latest leak check certification date, and the location and highest detector reading for each incident of leakage shall be recorded.	3704.03(E)	Fed	CAA 182			No
3745-21-10	(E)(7)	shall	For each gasoline tank truck loaded during the test period, all potential sources of leaks shall be checked in accordance with the method specified in paragraph (K) of this rule. The tank identification number, the latest leak check certification date, and the location and highest detector reading for each incident of leakage shall be recorded.	3704.03(E)	Fed	CAA 182			No
3745-21-10	(E)(8)	shall	During each test, all potential sources of leaks in the vapor collection and control systems shall be monitored in accordance with the method specified in paragraph (K) of this rule. The location and highest detector reading for each incident of leakage shall be recorded.	3704.03(E)	Fed	CAA 182			No
3745-21-10	(E)(8)	shall	During each test, all potential sources of leaks in the vapor collection and control systems shall be monitored in accordance with the method specified in paragraph (K) of this rule. The location and highest detector reading for each incident of leakage shall be recorded.	3704.03(E)	Fed	CAA 182			No
3745-21-10	(F)(2)	shall	The detection of leaks shall be determined in accordance with the test procedure set forth in USEPA method 21.	3704.03(E)	Fed	CAA 182			No
3745-21-10	(F)(3)	shall	The calibration gases shall conform to the following: (a) Zero air...	3704.03(E)	Fed	CAA 182			No
3745-21-10	(F)(4)	shall	The leak detection instrument shall be calibrated before use on each day of its use.	3704.03(E)	Fed	CAA 182			No
3745-21-10	(G)(2)	shall	The leak tightness of a gasoline tank truck shall be determined in accordance with the test procedure set forth in USEPA method 27. For the pressure test, the initial pressure shall be 18.0 inches of water. For the vacuum test, the initial vacuum shall be 6.0 inches of water.	3704.03(E)	Fed	CAA 182			No
3745-21-10	(G)(2)	shall	The leak tightness of a gasoline tank truck shall be determined in accordance with the test procedure set forth in USEPA method 27. For the pressure test, the initial pressure shall be 18.0 inches of water. For the vacuum test, the initial vacuum shall be 6.0 inches of water.	3704.03(E)	Fed	CAA 182			No
3745-21-10	(G)(2)	shall	The leak tightness of a gasoline tank truck shall be determined in accordance with the test procedure set forth in USEPA method 27. For the pressure test, the initial pressure shall be 18.0 inches of water. For the vacuum test, the initial vacuum shall be 6.0 inches of water.	3704.03(E)	Fed	CAA 182			No
3745-21-10	(L)(2)	shall	The dryer shall be tested under normal operating conditions for at least thirty dryer loads that total not less than four thousand pounds dry weight of articles cleaned. The dryer loads shall represent a normal range of variations in fabrics, solvents, load weights, temperatures, flow rates, and process deviations. Each dryer load shall be tested in accordance with paragraph (L)(3) or (L)(4) of this rule.	3704.03(E)	Fed	CAA 182			No
3745-21-10	(L)(2)	shall	The dryer shall be tested under normal operating conditions for at least thirty dryer loads that total not less than four thousand pounds dry weight of articles cleaned. The dryer loads shall represent a normal range of variations in fabrics, solvents, load weights, temperatures, flow rates, and process deviations. Each dryer load shall be tested in accordance with paragraph (L)(3) or (L)(4) of this rule.	3704.03(E)	Fed	CAA 182			No

3745-21-10	(L)(2)	shall	The dryer shall be tested under normal operating conditions for at least thirty dryer loads that total not less than four thousand pounds dry weight of articles cleaned. The dryer loads shall represent a normal range of variations in fabrics, solvents, load weights, temperatures, flow rates, and process deviations. Each dryer load shall be tested in accordance with paragraph (L)(3) or (L)(4) of this rule.	3704.03(E)	Fed	CAA 182			No
3745-21-10	(L)(3)	shall	For each dryer load the following shall be conducted and recorded: (a) Determine the average stack gas dry volumetric flow rate V...	3704.03(E)	Fed	CAA 182			No
3745-21-10	(L)(3)(d)	shall	Determine the molecular weight M (in pounds per pound-mole) of the volatile organic compounds present in the stack gas. Such determination shall be based on data from the manufacturer of the cleaning solvent or on standard analytical techniques.	3704.03(E)	Fed	CAA 182			No
3745-21-10	(L)(4)	shall	For each dryer load the following shall be conducted and recorded: (a) All weights shall be measured to the nearest 0.5 pound or less...	3704.03(E)	Fed	CAA 182			No
3745-21-10	(L)(4)(a)	shall	All weights shall be measured to the nearest 0.5 pound or less on a scale that is accurate to 0.5 pound at weights of up to two hundred pounds.	3704.03(E)	Fed	CAA 182			No
3745-21-10	(L)(5)	shall	The dryer's volatile organic compound emission rate (in pounds per one hundred pounds dry weight of articles cleaned) shall be calculated for the combined dryer loads tested under this method as equal to one hundred multiplied by the sum total of WVOC and divided by the sum total of Wa.	3704.03(E)	Fed	CAA 182			No
3745-21-10	(M)(2)	shall	The solvent filter shall be tested under normal operating conditions for at least three time periods according to the procedures specified in paragraph (M)(3) of this rule.	3704.03(E)	Fed	CAA 182			No
3745-21-10	(N)(2)	shall	The dryer shall be tested under normal operating conditions for a duration of no less than two weeks during which no less than one-half of the dryer loads shall be monitored for their final recovered solvent flow rate.	3704.03(E)	Fed	CAA 182			No
3745-21-10	(N)(2)	shall	The dryer shall be tested under normal operating conditions for a duration of no less than two weeks during which no less than one-half of the dryer loads shall be monitored for their final recovered solvent flow rate.	3704.03(E)	Fed	CAA 182			No
3745-21-10	(N)(3)	shall	The date, the type of articles cleaned, and the total length of the recovery cycle shall be recorded for each dryer load being monitored.	3704.03(E)	Fed	CAA 182			No
3745-21-10	(O)(2)(b)	shall	For purposes of determining the VOC content of a process fluid, procedures that conform to the general methods described in ASTM E168-06, ASTM E169-04(2009), and ASTM E260-96(2011) shall be used.	3704.03(E)	Fed	CAA 182			No
3745-21-10	(O)(2)(c)	shall	In the event the Ohio EPA or the USEPA has a disagreement with an engineering judgment, paragraph (O)(2)(b) of this rule shall be used to resolve the disagreement.	3704.03(E)	Fed	CAA 182			No
3745-21-10	(P)(2)	shall	The net heating value of gas being combusted in a flare or being vented from a process vent stream shall be calculated using the following equation: where: ...	3704.03(E)	Fed	CAA 182			No
3745-21-10	(P)(3)	shall	The actual exit velocity of a flare shall be calculated by dividing the volumetric flow rate (in units of standard temperature and pressure) of the flare header or headers that feed the flare, as determined by USEPA methods 2, 2A, 2C, or 2D as appropriate, by the unobstructed (free) cross-sectional area of the flare tip, as determined by design and engineering principles.	3704.03(E)	Fed	CAA 182			No
3745-21-10	(P)(4)	shall	The maximum permitted velocity of an air-assisted flare shall be determined by the following equation: $V_{max} = 8.706 + 0.7084 (HT) \dots$	3704.03(E)	Fed	CAA 182			No
3745-21-10	(S)	shall	Inspection and maintenance requirements for catalytic incinerators. An inspection and maintenance plan shall be developed, maintained on-site, and made readily available upon the request of the appropriate Ohio EPA district office or local air agency. At a minimum, the plan shall include the following: (1) Annual sampling ...	3704.03(E)	Fed	CAA 182			No
3745-21-10	(S)	shall	Inspection and maintenance requirements for catalytic incinerators. An inspection and maintenance plan shall be developed, maintained on-site, and made readily available upon the request of the appropriate Ohio EPA district office or local air agency. At a minimum, the plan shall include the following: (1) Annual sampling ...	3704.03(E)	Fed	CAA 182			No
3745-21-10	(S)(3)	shall	Annual internal and monthly external visual inspection of the catalyst bed to check for channeling, abrasion, and settling. If problems are found, corrective action consistent with the manufacturer's recommendations shall be implemented and a new performance test to determine destruction efficiency in accordance with paragraph (C) of this rule shall be conducted.	3704.03(E)	Fed	CAA 182			No
3745-21-10	(S)(3)	shall	Annual internal and monthly external visual inspection of the catalyst bed to check for channeling, abrasion, and settling. If problems are found, corrective action consistent with the manufacturer's recommendations shall be implemented and a new performance test to determine destruction efficiency in accordance with paragraph (C) of this rule shall be conducted.	3704.03(E)	Fed	CAA 182			No
3745-21-10	(A)(3)	required	The results of any compliance testing required by the director for tests conducted pursuant to paragraphs (C) to (F) and (L) of this rule shall not be accepted unless the Ohio EPA district office or local air agency has been notified of the intent to test in accordance with paragraph (A)(4) of this rule not less than thirty days before the proposed initiation of the testing.	3704.03(E)	Fed	CAA 182			Yes
3745-21-10	(A)(5)(a)	required	For any source compliance determination, the owner or operator of the source shall be responsible for providing the following: (a) Sampling ports, pipes, lines, or appurtenances for the collection of samples and data required by the test procedures.	3704.03(E)	Fed	CAA 182			No
3745-21-10	(A)(5)(c)	required	Light, electricity, and other utilities required for sample and data collection.	3704.03(E)	Fed	CAA 182			No

3745-21-10	(R)(3)	required	The equipment, procedures, and dynamic pressure performance criteria are identified in appendix B to this rule. The post test inspection form, as required by paragraph (DDD)(2)(c) of rule 3745-21-09 of the Administrative Code, is contained in appendix C to this rule.	3704.03(E)	Fed	CAA 182			No
3745-21-12	(A)(1)(a)	shall	Applicability for the Cincinnati area. (a) Except as otherwise provided in paragraph (A)(1)(b) of this rule, paragraphs (D) to (I) of this rule shall apply to each commercial bakery oven facility that meets both of the following criteria:	3704.03(E)	Fed	CAA 182	Yes	Yes	No
3745-21-12	(A)(2)(a)	shall	Applicability for the Cleveland-Akron-Lorain area. (a) Except as otherwise provided in paragraph (A)(2)(b) of this rule, paragraphs (D) to (I) of this rule shall apply to each commercial bakery oven facility that meets both of the following criteria:	3704.03(E)	Fed	CAA 182	Yes	Yes	No
3745-21-12	(C)(1)	shall	Determination of total uncontrolled potential to emit. (1) The owner or operator of each commercial bakery oven facility shall calculate the facility's total uncontrolled potential to emit, UPTe(facility), for VOC emissions in tons per year, using either the equations in paragraphs (C)(1)(a) to (C)(1)(c)...	3704.03(E)	Fed	1992 ACT - Control of Volatile Organic Compound Emissions from Commercial Bakery Oven Facilities	Yes	Yes	No
3745-21-12	(C)(2)	shall	The owner or operator shall presume for purposes of calculating the uncontrolled potential to emit that both of the following conditions apply: (a) Each facility production line...	3704.03(E)	Fed	1992 ACT - Control of Volatile Organic Compound Emissions from Commercial Bakery Oven Facilities	Yes	Yes	No
3745-21-12	(C)(3)	shall	A VOC emission factor based on emission testing can be used to calculate the facility's total uncontrolled potential to emit for VOC in tons per year. In the event emission testing is conducted, the emission testing results would be used instead of the VOC emission factor equation in paragraph (C)(1)(c) of this rule. Such emission testing shall be based on the test methods and procedures specified under paragraph (F) of this rule.	3704.03(E)	Fed	1992 ACT - Control of Volatile Organic Compound Emissions from Commercial Bakery Oven Facilities	Yes	Yes	No
3745-21-12	(C)(4)(a)	shall	For bakery ovens that are located within a county specified in paragraph (A)(1)(a)(i) of this rule and for which installation commenced before May 27, 2005, such restrictions shall be in effect no later than May 27, 2006.	3704.03(E)	Fed	1992 ACT - Control of Volatile Organic Compound Emissions from Commercial Bakery Oven Facilities	Yes	Yes	No
3745-21-12	(C)(4)(b)	shall	For bakery ovens that are located within a county specified in paragraph (A)(1)(a)(i) of this rule and for which installation commenced on or after May 27, 2005, such restrictions shall be in effect upon initial startup of the bakery oven.	3704.03(E)	Fed	1992 ACT - Control of Volatile Organic Compound Emissions from Commercial Bakery Oven Facilities	Yes	Yes	No
3745-21-12	(C)(4)(c)	shall	For bakery ovens that are located within a county specified in paragraph (A)(2)(a)(i) of this rule and for which installation commenced before August 25, 2008, such restrictions shall be in effect no later than August 25, 2009.	3704.03(E)	Fed	1992 ACT - Control of Volatile Organic Compound Emissions from Commercial Bakery Oven Facilities	Yes	Yes	No
3745-21-12	(C)(4)(d)	shall	For bakery ovens that are located within a county specified in paragraph (A)(2)(a)(i) of this rule and for which installation commenced on or after August 25, 2008, such restrictions shall be in effect upon initial startup of the bakery oven.	3704.03(E)	Fed	1992 ACT - Control of Volatile Organic Compound Emissions from Commercial Bakery Oven Facilities	Yes	Yes	No
3745-21-12	(D)(1)	shall	Except where exempted under paragraph (D)(2) of this rule, any owner or operator of a commercial bakery oven facility that is subject to this rule shall install and operate a VOC emission control system that reduces the VOC emissions from each bakery oven by at least ninety-five per cent by weight (i.e., an overall control efficiency of at least ninety-five per cent by weight).	3704.03(E)	Fed	1992 ACT - Control of Volatile Organic Compound Emissions from Commercial Bakery Oven Facilities	Yes	Yes	No
3745-21-12	(E)(1)	shall	Except where otherwise specified within this rule, any owner or operator of a commercial bakery oven facility that is subject to this rule shall comply with this rule by no later than the following dates: (a) For any bakery oven which is located...	3704.03(E)	Fed	1992 ACT - Control of Volatile Organic Compound Emissions from Commercial Bakery Oven Facilities	Yes	Yes	No
3745-21-12	(E)(3)	shall	Until the date of first startup of the installed VOC emission control system for the bakery oven, the bakery oven shall continue to comply with paragraph (D)(2) of this rule.	3704.03(E)	Fed	1992 ACT - Control of Volatile Organic Compound Emissions from Commercial Bakery Oven Facilities	Yes	Yes	No
3745-21-12	(E)(4)	shall	The owner or operator of any commercial bakery oven facility subject to this rule shall demonstrate compliance with paragraph (D)(1) of this rule by testing the bakery oven and its VOC emission control system in accordance with paragraph (F) of this rule within ninety days after the bakery oven's compliance date.	3704.03(E)	Fed	1992 ACT - Control of Volatile Organic Compound Emissions from Commercial Bakery Oven Facilities	Yes	Yes	No
3745-21-12	(F)	shall	For any bakery oven subject to paragraph (D)(1) of this rule, the owner or operator shall demonstrate compliance by conducting compliance testing in accordance with the following:	3704.03(E)	Fed	1992 ACT - Control of Volatile Organic Compound Emissions from Commercial Bakery Oven Facilities	Yes	Yes	No
3745-21-12	(F)(1)	shall	The general provisions specified under paragraphs (A)(2) to (A)(5) of rule 3745-21-10 of the Administrative Code shall apply to the compliance testing.	3704.03(E)	Fed	1992 ACT - Control of Volatile Organic Compound Emissions from Commercial Bakery Oven Facilities	Yes	Yes	No
3745-21-12	(F)(2)	shall	The test methods and procedures of paragraph (C) of rule 3745-21-10 of the Administrative Code shall be followed, except as follows:	3704.03(E)	Fed	1992 ACT - Control of Volatile Organic Compound Emissions from Commercial Bakery Oven Facilities	Yes	Yes	No
3745-21-12	(F)(2)(a)	shall	The concentration of VOC in a gas stream or exhaust vent shall be determined by utilizing any of the methods specified under paragraph (C)(2) of rule 3745-21-10 of the Administrative Code.	3704.03(E)	Fed	1992 ACT - Control of Volatile Organic Compound Emissions from Commercial Bakery Oven Facilities	Yes	Yes	No

3745-21-12	(G)(1)	shall	For any bakery oven subject to paragraph (D)(1) of this rule, the owner or operator shall install and operate continuous monitoring and recording devices for the following operational parameters:	3704.03(E)	Fed	1992 ACT - Control of Volatile Organic Compound Emissions from Commercial Bakery Oven Facilities	Yes	Yes	No
3745-21-12	(G)(2)	shall	While operating the bakery oven, the owner or operator of the facility shall maintain the parameters listed in paragraphs (C)(1)(a) to (C)(1)(c) of this rule within the baseline operational data established during the most recent compliance test that demonstrated compliance.	3704.03(E)	Fed	1992 ACT - Control of Volatile Organic Compound Emissions from Commercial Bakery Oven Facilities	Yes	Yes	No
3745-21-12	(G)(3)	shall	The owner or operator shall inspect the VOC emission control system and monitoring equipment to assure that the control system is operating properly, and that no leaks or malfunctions have occurred or are occurring.	3704.03(E)	Fed	1992 ACT - Control of Volatile Organic Compound Emissions from Commercial Bakery Oven Facilities	Yes	Yes	No
3745-21-12	(G)(3)	shall	The inspections shall be made at the frequency defined by the equipment manufacturer, or as otherwise appropriate for each unit, component, or operation, but not less than monthly.	3704.03(E)	Fed	1992 ACT - Control of Volatile Organic Compound Emissions from Commercial Bakery Oven Facilities	Yes	Yes	No
3745-21-12	(G)(4)	shall	The owner or operator shall record the results of each inspection in a permanent log to be retained on-site for a period of not less than five years and shall make the log available to the director or any authorized representative of the director for review during normal business hours.	3704.03(E)	Fed	1992 ACT - Control of Volatile Organic Compound Emissions from Commercial Bakery Oven Facilities	Yes	Yes	No
3745-21-12	(G)(4)	shall	The owner or operator shall record the results of each inspection in a permanent log to be retained on-site for a period of not less than five years and shall make the log available to the director or any authorized representative of the director for review during normal business hours.	3704.03(E)	Fed	1992 ACT - Control of Volatile Organic Compound Emissions from Commercial Bakery Oven Facilities	Yes	Yes	No
3745-21-12	(G)(5)	shall	For an owner or operator that elects, in accordance with paragraph (G)(1)(b)(ii) of this rule, to monitor the inlet temperature only of the catalytic incinerator, an inspection and maintenance plan shall be developed, maintained on-site, and made readily available upon the request of the appropriate Ohio EPA district office or local air agency. At a minimum, the plan shall include the following:	3704.03(E)	Fed	1992 ACT - Control of Volatile Organic Compound Emissions from Commercial Bakery Oven Facilities	Yes	Yes	No
3745-21-12	(G)(5)	shall	For an owner or operator that elects, in accordance with paragraph (G)(1)(b)(ii) of this rule, to monitor the inlet temperature only of the catalytic incinerator, an inspection and maintenance plan shall be developed, maintained on-site, and made readily available upon the request of the appropriate Ohio EPA district office or local air agency. At a minimum, the plan shall include the following:	3704.03(E)	Fed	1992 ACT - Control of Volatile Organic Compound Emissions from Commercial Bakery Oven Facilities	Yes	Yes	No
3745-21-12	(G)(5)(c)	shall	Annual internal and monthly external visual inspection of the catalyst bed to check for channeling, abrasion, and settling. If problems are found, corrective action consistent with the manufacturer's recommendations shall be implemented and a new performance test to determine destruction efficiency in accordance with paragraph (C) of rule 3745-21-10 of the Administrative Code shall be conducted.	3704.03(E)	Fed	1992 ACT - Control of Volatile Organic Compound Emissions from Commercial Bakery Oven Facilities	Yes	Yes	No
3745-21-12	(G)(5)(c)	shall	Annual internal and monthly external visual inspection of the catalyst bed to check for channeling, abrasion, and settling. If problems are found, corrective action consistent with the manufacturer's recommendations shall be implemented and a new performance test to determine destruction efficiency in accordance with paragraph (C) of rule 3745-21-10 of the Administrative Code shall be conducted.	3704.03(E)	Fed	1992 ACT - Control of Volatile Organic Compound Emissions from Commercial Bakery Oven Facilities	Yes	Yes	No
3745-21-12	(H)(1)	shall	The owner or operator of each commercial bakery oven facility subject to this rule shall keep the records required under paragraphs (H)(2) to (H)(5) of this rule on site for at least five years following the date of the record and shall make such records available to the director or any authorized representative of the director for review during normal business hours.	3704.03(E)	Fed	1992 ACT - Control of Volatile Organic Compound Emissions from Commercial Bakery Oven Facilities	Yes	Yes	No
3745-21-12	(H)(1)	shall	The owner or operator of each commercial bakery oven facility subject to this rule shall keep the records required under paragraphs (H)(2) to (H)(5) of this rule on site for at least five years following the date of the record and shall make such records available to the director or any authorized representative of the director for review during normal business hours.	3704.03(E)	Fed	1992 ACT - Control of Volatile Organic Compound Emissions from Commercial Bakery Oven Facilities	Yes	Yes	No
3745-21-12	(H)(2)	shall	The owner or operator shall keep monthly production period records of the following operational data for each yeast-leavened product for each bakery oven:	3704.03(E)	Fed	1992 ACT - Control of Volatile Organic Compound Emissions from Commercial Bakery Oven Facilities	Yes	Yes	No
3745-21-12	(H)(3)	shall	The owner or operator shall calculate monthly VOC emissions for each bakery oven and shall record the emission factor used for each product, including a citation of the source of the emission factor, and the results of the VOC emission calculations.	3704.03(E)	Fed	1992 ACT - Control of Volatile Organic Compound Emissions from Commercial Bakery Oven Facilities	Yes	Yes	No
3745-21-12	(H)(3)	shall	The owner or operator shall calculate monthly VOC emissions for each bakery oven and shall record the emission factor used for each product, including a citation of the source of the emission factor, and the results of the VOC emission calculations.	3704.03(E)	Fed	1992 ACT - Control of Volatile Organic Compound Emissions from Commercial Bakery Oven Facilities	Yes	Yes	No
3745-21-12	(H)(4)	shall	For any uncontrolled bakery oven exempted under paragraph (D)(2) of this rule, the owner or operator shall record the VOC emissions from that bakery oven for the recent month and rolling twelve-month period within fifteen days after the end of each month.	3704.03(E)	Fed	1992 ACT - Control of Volatile Organic Compound Emissions from Commercial Bakery Oven Facilities	Yes	Yes	No
3745-21-12	(H)(4)	shall	The owner or operator shall notify the appropriate Ohio EPA district office or local air agency of any record showing the bakery oven exceeded the applicable VOC emissions limit.	3704.03(E)	Fed	1992 ACT - Control of Volatile Organic Compound Emissions from Commercial Bakery Oven Facilities	Yes	Yes	No
3745-21-12	(H)(4)	shall	A copy of such record shall be sent to the appropriate Ohio EPA district office or local air agency within forty-five days after the exceedance occurs.	3704.03(E)	Fed	1992 ACT - Control of Volatile Organic Compound Emissions from Commercial Bakery Oven Facilities	Yes	Yes	No

3745-21-12	(H)(5)	shall	For any bakery oven equipped with a VOC emission control system and subject to the paragraph (D)(1) of this rule, the owner or operator shall collect and record the following information each day of operation of the bakery oven:	3704.03(E)	Fed	1992 ACT - Control of Volatile Organic Compound Emissions from Commercial Bakery Oven Facilities	Yes	Yes	No
3745-21-12	(H)(6)	shall	The owner or operator shall submit to the appropriate Ohio EPA district office or local air agency quarterly summaries of the records required by paragraph (H)(5) of this rule.	3704.03(E)	Fed	1992 ACT - Control of Volatile Organic Compound Emissions from Commercial Bakery Oven Facilities	Yes	Yes	No
3745-21-12	(H)(6)	shall	These quarterly reports shall be submitted by April thirtieth, July thirty-first, October thirty-first, and January thirty-first, and shall cover the records for the previous calendar quarters.	3704.03(E)	Fed	1992 ACT - Control of Volatile Organic Compound Emissions from Commercial Bakery Oven Facilities	Yes	Yes	No
3745-21-12	(H)(6)	shall	These quarterly reports shall be submitted by April thirtieth, July thirty-first, October thirty-first, and January thirty-first, and shall cover the records for the previous calendar quarters.	3704.03(E)	Fed	1992 ACT - Control of Volatile Organic Compound Emissions from Commercial Bakery Oven Facilities	Yes	Yes	No
3745-21-12	(I)(1)	shall	The owner or operator of a commercial bakery oven facility that is subject to this rule pursuant to paragraph (A)(1) of this rule and that has a bakery oven with an initial startup date before May 27, 2005 shall notify the appropriate Ohio EPA district office or local air agency in writing that the bakery oven is subject to this rule.	3704.03(E)	Fed	1992 ACT - Control of Volatile Organic Compound Emissions from Commercial Bakery Oven Facilities	Yes	Yes	No
3745-21-12	(I)(1)	shall	The notification, which shall be submitted not later than sixty days after May 27, 2005 (or within sixty days after the bakery oven becomes subject to this rule), shall provide the following information:	3704.03(E)	Fed	1992 ACT - Control of Volatile Organic Compound Emissions from Commercial Bakery Oven Facilities	Yes	Yes	No
3745-21-12	(I)(1)	shall	The notification, which shall be submitted not later than sixty days after May 27, 2005 (or within sixty days after the bakery oven becomes subject to this rule), shall provide the following information:	3704.03(E)	Fed	1992 ACT - Control of Volatile Organic Compound Emissions from Commercial Bakery Oven Facilities	Yes	Yes	No
3745-21-12	(I)(1)(e)(iii)	shall	An application for an operating permit or permit-to-install and operate is not required provided the subject process is operating under an effective permit and certifies compliance. Such certification shall include all compliance certification requirements under paragraph (I)(5) of this rule.	3704.03(E)	Fed	1992 ACT - Control of Volatile Organic Compound Emissions from Commercial Bakery Oven Facilities	Yes	Yes	No
3745-21-12	(I)(2)	shall	The owner or operator of a commercial bakery oven facility that is subject to this rule pursuant to paragraph (A)(1) of this rule and that has a bakery oven with an initial startup date on or after May 27, 2005 shall notify the appropriate Ohio EPA district office or local air agency in writing that the bakery oven is subject to this rule.	3704.03(E)	Fed	1992 ACT - Control of Volatile Organic Compound Emissions from Commercial Bakery Oven Facilities	Yes	Yes	No
3745-21-12	(I)(2)	shall	The notification, which shall be submitted not later than either the date of initial startup of the bakery oven or July 26, 2005 (whichever is later), shall provide the information listed under paragraph (I)(1) of this rule.	3704.03(E)	Fed	1992 ACT - Control of Volatile Organic Compound Emissions from Commercial Bakery Oven Facilities	Yes	Yes	No
3745-21-12	(I)(2)	shall	The notification, which shall be submitted not later than either the date of initial startup of the bakery oven or July 26, 2005 (whichever is later), shall provide the information listed under paragraph (I)(1) of this rule.	3704.03(E)	Fed	1992 ACT - Control of Volatile Organic Compound Emissions from Commercial Bakery Oven Facilities	Yes	Yes	No
3745-21-12	(I)(3)	shall	The owner or operator of a commercial bakery oven facility that is subject to this rule pursuant to paragraph (A)(2) of this rule and that has a bakery oven with an initial startup date before August 25, 2008 shall notify the appropriate Ohio EPA district office or local air agency in writing that the bakery oven is subject to this rule.	3704.03(E)	Fed	1992 ACT - Control of Volatile Organic Compound Emissions from Commercial Bakery Oven Facilities	Yes	Yes	No
3745-21-12	(I)(3)	shall	The notification, which shall be submitted not later than October 24, 2008 (or within sixty days after the bakery oven becomes subject to this rule), shall provide the information listed under paragraph (I)(1) of this rule.	3704.03(E)	Fed	1992 ACT - Control of Volatile Organic Compound Emissions from Commercial Bakery Oven Facilities	Yes	Yes	No
3745-21-12	(I)(3)	shall	The notification, which shall be submitted not later than October 24, 2008 (or within sixty days after the bakery oven becomes subject to this rule), shall provide the information listed under paragraph (I)(1) of this rule.	3704.03(E)	Fed	1992 ACT - Control of Volatile Organic Compound Emissions from Commercial Bakery Oven Facilities	Yes	Yes	No
3745-21-12	(I)(4)	shall	The owner or operator of a commercial bakery oven facility that is subject to this rule pursuant to paragraph (A)(2) of this rule and that has a bakery oven with an initial startup date on or after August 25, 2008 shall notify the appropriate Ohio EPA district office or local air agency in writing that the bakery oven is subject to this rule.	3704.03(E)	Fed	1992 ACT - Control of Volatile Organic Compound Emissions from Commercial Bakery Oven Facilities	Yes	Yes	No
3745-21-12	(I)(4)	shall	The notification, which shall be submitted not later than either the date of initial startup of the bakery oven or October 24, 2008 (whichever is later), shall provide the information listed under paragraph (I)(1) of this rule.	3704.03(E)	Fed	1992 ACT - Control of Volatile Organic Compound Emissions from Commercial Bakery Oven Facilities	Yes	Yes	No
3745-21-12	(I)(4)	shall	The notification, which shall be submitted not later than either the date of initial startup of the bakery oven or October 24, 2008 (whichever is later), shall provide the information listed under paragraph (I)(1) of this rule.	3704.03(E)	Fed	1992 ACT - Control of Volatile Organic Compound Emissions from Commercial Bakery Oven Facilities	Yes	Yes	No
3745-21-12	(I)(5)(a)	shall	The owner or operator of a commercial bakery oven facility that is subject to this rule shall notify the appropriate Ohio EPA district office or local air agency in writing within thirty days following the completion of any of the following:	3704.03(E)	Fed	1992 ACT - Control of Volatile Organic Compound Emissions from Commercial Bakery Oven Facilities	Yes	Yes	No
3745-21-12	(I)(5)(b)	shall	The compliance certification under paragraph (I)(3)(a) of this rule shall provide the following, where applicable: (i) A description...	3704.03(E)	Fed	1992 ACT - Control of Volatile Organic Compound Emissions from Commercial Bakery Oven Facilities	Yes	Yes	No
3745-21-12	(E)(5)	required	Additional testing of a bakery oven and its VOC emission control system in accordance with paragraph (F) of this rule may be required by the director to ensure continued compliance.	3704.03(E)	Fed	1992 ACT - Control of Volatile Organic Compound Emissions from Commercial Bakery Oven Facilities	Yes	Yes	No

3745-21-12	(G)(1)(c)	require	Any other parameter that the director may require the owner or operator to monitor.	3704.03(E)	Fed	1992 ACT - Control of Volatile Organic Compound Emissions from Commercial Bakery Oven Facilities	Yes	Yes	Yes
3745-21-12	(H)(1)	required	The owner or operator of each commercial bakery oven facility subject to this rule shall keep the records required under paragraphs (H)(2) to (H)(5) of this rule on site for at least five years following the date of the record and shall make such records available to the director or any authorized representative of the director for review during normal business hours.	3704.03(E)	Fed	1992 ACT - Control of Volatile Organic Compound Emissions from Commercial Bakery Oven Facilities	Yes	Yes	No
3745-21-12	(H)(6)	required	The owner or operator shall submit to the appropriate Ohio EPA district office or local air agency quarterly summaries of the records required by paragraph (H)(5) of this rule.	3704.03(E)	Fed	1992 ACT - Control of Volatile Organic Compound Emissions from Commercial Bakery Oven Facilities	Yes	Yes	No
3745-21-12	(I)(1)(e)(ii)	required	An application for an operating permit or permit-to-install and operate is not required provided the subject process is operating under an effective permit and certifies compliance.	3704.03(E)	Fed	1992 ACT - Control of Volatile Organic Compound Emissions from Commercial Bakery Oven Facilities	Yes	Yes	No
3745-21-12	(I)(5)(ii)(b)	required	The completion of installation and initial use of any monitoring devices required under paragraph (G) of this rule for the bakery oven.	3704.03(E)	Fed	1992 ACT - Control of Volatile Organic Compound Emissions from Commercial Bakery Oven Facilities	Yes	Yes	No
3745-21-13	(A)(1)	shall	Except as otherwise provided in paragraph (A)(2) of this rule, this rule shall apply to any reactor or distillation unit in a process unit that meets both of the following criteria:	3704.03(E)	Fed	1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMII Chemical Production	Yes	Yes	No
3745-21-13	(A)(3)	shall	For the purposes of paragraph (A)(2) of this rule, a reactor or distillation unit shall be considered regulated by a paragraph, rule or subpart if the reactor or distillation unit is subject to the limits of that paragraph, rule, or subpart.	3704.03(E)	Fed	1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMII Chemical Production	Yes	Yes	No
3745-21-13	(C)(1)	shall	Except where exempted under paragraph (C)(2) of this rule, the owner or operator of a reactor or distillation unit subject to this rule shall comply with paragraphs (D) to (L) of this rule.	3704.03(E)	Fed	1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMII Chemical Production	Yes	Yes	No
3745-21-13	(D)(1)	shall	(Group status) The owner or operator of a reactor or distillation unit shall determine the group status (i.e., group 1, group 2A, or group 2B) for each process vent based on flow rate, VOC concentration, and TRE index value in accordance with paragraphs (D)(3) to (D)(5) of this rule and the procedures contained in paragraph (E) of this rule.	3704.03(E)	Fed	1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMII Chemical Production	Yes	Yes	No
3745-21-13	(D)(2)	shall	(Halogen status) The owner or operator of a group 1 process vent which is controlled (or to be controlled) by a combustion device shall determine the halogen status in accordance with the procedures specified in paragraph (E)(7) of this rule.	3704.03(E)	Fed	1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMII Chemical Production	Yes	Yes	No
3745-21-13	(D)(3)	shall	(Group 1) A process vent shall be group 1 if it meets at least one of the following specifications:	3704.03(E)	Fed	1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMII Chemical Production	Yes	Yes	No
3745-21-13	(D)(4)	shall	(Group 2A) A process vent shall be group 2A if it is from a recovery system and if, at representative operating conditions expected to yield the lowest TRE index value for the process vent...	3704.03(E)	Fed	1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMII Chemical Production	Yes	Yes	No
3745-21-13	(D)(5)	shall	(Group 2B) A process vent shall be group 2B if it meets any one of the following specifications:	3704.03(E)	Fed	1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMII Chemical Production	Yes	Yes	No
3745-21-13	(D)(6)	shall	Process changes for group 2A and group 2B process vents. Whenever process changes are made that could reasonably be expected to change a group 2A or group 2B process vent to a group 1 process vent, the owner or operator shall redetermine the flow rate, VOC concentration, or TRE index value, according to paragraph...	3704.03(E)	Fed	1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMII Chemical Production	Yes	Yes	No
3745-21-13	(D)(6)	shall	The owner or operator shall perform the group status determination as soon as practical after the process change and within sixty days after the process change.	3704.03(E)	Fed	1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMII Chemical Production	Yes	Yes	No
3745-21-13	(D)(6)(a)	shall	(Group 2B process vent based on flow rate) The flow rate shall be redetermined by using the measurement procedure in paragraph (E)(9) of this rule or by using an engineering assessment of the effects of the change.	3704.03(E)	Fed	1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMII Chemical Production	Yes	Yes	No

3745-21-13	(D)(6)(b)	shall	(Group 2B process based on VOC concentration) The VOC concentration shall be redetermined by using the measurement procedure in paragraph (E)(10) of this rule or by using an engineering assessment of the effects of the change.	3704.03(E)	Fed	1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMII Chemical Production	Yes	Yes	No
3745-21-13	(D)(6)(c)	shall	(Group 2B process vent based on TRE index value or group 2A process vent) The TRE index value shall be redetermined (recalculated) based on measurements of flow rate, net heating value, VOC emission rate, and halogen status as specified in paragraphs...	3704.03(E)	Fed	1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMII Chemical Production	Yes	Yes	No
3745-21-13	(E)(2)(a)	shall	For the purpose of determining group status of a process vent based on VOC concentration, flow rate, or TRE index value, the location shall be representative of the process vent stream after the last recovery device...	3704.03(E)	Fed	1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMII Chemical Production	Yes	Yes	No
3745-21-13	(E)(2)(b)	shall	The location of the sampling site for measurement of process vent parameters (flow rate, VOC concentration, VOC emission rate, net heating value, and mass emission rate for halogen atoms) shall be selected in accordance with paragraph (E)(2)(a) of this rule and paragraph (C)(3)(f) of rule 3745-21-10 of the Administrative Code.	3704.03(E)	Fed	1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMII Chemical Production	Yes	Yes	No
3745-21-13	(E)(3)	shall	The flow rate of a process vent shall be determined by engineering assessment or by the measurement procedure of paragraph (E)(9) of this rule.	3704.03(E)	Fed	1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMII Chemical Production	Yes	Yes	No
3745-21-13	(E)(4)	shall	The VOC concentration of a process vent shall be determined by engineering assessment or by the measurement procedure of paragraph (E)(10) of this rule.	3704.03(E)	Fed	1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMII Chemical Production	Yes	Yes	No
3745-21-13	(E)(5)	shall	The net heating value of a process vent shall be determined by engineering assessment or by the measurement procedure of paragraph (E)(11) of this rule.	3704.03(E)	Fed	1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMII Chemical Production	Yes	Yes	No
3745-21-13	(E)(6)	shall	The VOC and TOC emission rate of a process vent shall be determined by engineering assessment or by the measurement procedure of paragraph (E)(12) of this rule.	3704.03(E)	Fed	1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMII Chemical Production	Yes	Yes	No
3745-21-13	(E)(7)	shall	The halogen status of a process vent shall be determined by process knowledge that no halogen or hydrogen halides are present in the process vent, by engineering assessment, or by the measurement procedure of paragraph (E)(13) of this rule.	3704.03(E)	Fed	1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMII Chemical Production	Yes	Yes	No
3745-21-13	(E)(7)	shall	If the mass emission rate of halogen atoms for a process vent is equal to or greater than 0.99 pound per hour, the process vent shall be classified as halogenated.	3704.03(E)	Fed	1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMII Chemical Production	Yes	Yes	No
3745-21-13	(E)(8)	shall	Procedure for TRE index value. The TRE index value of the process vent shall be determined as follows:	3704.03(E)	Fed	1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMII Chemical Production	Yes	Yes	No
3745-21-13	(E)(8)(a)	shall	TRE index value for a process vent shall be calculated by the following equation: $TRE = [a + b(Q) + c(H) + d(ETOC)] / EVOC$	3704.03(E)	Fed	1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMII Chemical Production	Yes	Yes	No
3745-21-13	(E)(8)(b)	shall	For a nonhalogenated process vent stream, the owner or operator shall use the applicable coefficients in table A to calculate the TRE index values based on a flare, a thermal incinerator with zero heat recovery, and a thermal incinerator with seventy per cent heat recovery, and shall select the lowest TRE index value.	3704.03(E)	Fed	1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMII Chemical Production	Yes	Yes	No
3745-21-13	(E)(8)(b)	shall	For a nonhalogenated process vent stream, the owner or operator shall use the applicable coefficients in table A to calculate the TRE index values based on a flare, a thermal incinerator with zero heat recovery, and a thermal incinerator with seventy per cent heat recovery, and shall select the lowest TRE index value.	3704.03(E)	Fed	1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMII Chemical Production	Yes	Yes	No
3745-21-13	(E)(8)(b)	shall	For a halogenated process vent stream, the owner or operator shall use the applicable coefficients in table A to calculate the TRE index value based on a thermal incinerator and scrubber.	3704.03(E)	Fed	1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMII Chemical Production	Yes	Yes	No

3745-21-13	(E)(8)(c)	shall	...then the owner or operator shall either perform the measurement procedures specified in paragraphs (E)(9), (E)(11), (E)(12), and (E)(13) of this rule for the determination of the process vent's group status or designate the process vent as a group 1 process vent.	3704.03(E)	Fed	1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMII Chemical Production	Yes	Yes	No
3745-21-13	(E)(9)	shall	(Measurement procedure for flow rate) The process vent volumetric flow rate in standard cubic meters per minute shall be measured at a sampling site selected as specified in paragraph (E)(2)(b) of this rule and by the appropriate method specified in paragraph (C)(3)(f) of rule 3745-21-10 of the Administrative Code.	3704.03(E)	Fed	1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMII Chemical Production	Yes	Yes	No
3745-21-13	(E)(9)	shall	If the process vent stream passes through a final steam jet ejector and is not condensed, the volumetric flow rate shall be corrected to 2.3 per cent moisture.	3704.03(E)	Fed	1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMII Chemical Production	Yes	Yes	No
3745-21-13	(E)(10)(a)	shall	The sampling site shall be selected as specified in paragraph (E)(2)(b) of this rule.	3704.03(E)	Fed	1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMII Chemical Production	Yes	Yes	No
3745-21-13	(E)(10)(b)	shall	The methods and procedures under paragraph (C) of rule 3745-21-10 of the Administrative Code shall to be employed wherein USEPA method 18 or USEPA method 25A shall be employed for VOC concentration.	3704.03(E)	Fed	1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMII Chemical Production	Yes	Yes	No
3745-21-13	(E)(10)(b)	shall	The methods and procedures under paragraph (C) of rule 3745-21-10 of the Administrative Code shall to be employed wherein USEPA method 18 or USEPA method 25A shall be employed for VOC concentration.	3704.03(E)	Fed	1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMII Chemical Production	Yes	Yes	No
3745-21-13	(E)(10)(c)	shall	If USEPA method 18 is employed, the following procedures shall be used:	3704.03(E)	Fed	1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMII Chemical Production	Yes	Yes	No
3745-21-13	(E)(10)(c)(i)	shall	The minimum sampling time for each run shall be one hour in which either an integrated sample or four grab samples shall be taken.	3704.03(E)	Fed	1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMII Chemical Production	Yes	Yes	No
3745-21-13	(E)(10)(c)(i)	shall	The minimum sampling time for each run shall be one hour in which either an integrated sample or four grab samples shall be taken.	3704.03(E)	Fed	1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMII Chemical Production	Yes	Yes	No
3745-21-13	(E)(10)(c)(i)	shall	If grab sampling is used, then the samples shall be taken at approximately equal intervals in time, such as fifteen-minute intervals during the run.	3704.03(E)	Fed	1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMII Chemical Production	Yes	Yes	No
3745-21-13	(E)(10)(c)(iii)	shall	The VOC concentration (C) is the sum of the concentrations of the individual components and shall be computed for each run by the following equation:	3704.03(E)	Fed	1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMII Chemical Production	Yes	Yes	No
3745-21-13	(E)(10)(d)	shall	If USEPA method 25A is employed, the following procedures shall be used:	3704.03(E)	Fed	1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMII Chemical Production	Yes	Yes	No
3745-21-13	(E)(10)(d)(i)	shall	(i) USEPA method 25A shall be used only if a single organic compound of VOC is greater than fifty per cent of the total VOC, by volume, in the process vent.	3704.03(E)	Fed	1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMII Chemical Production	Yes	Yes	No
3745-21-13	(E)(10)(d)(iii)	shall	The organic compound used as the calibration gas for USEPA method 25A shall be the single organic compound of VOC present at greater than fifty per cent of the total VOC by volume.	3704.03(E)	Fed	1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMII Chemical Production	Yes	Yes	No
3745-21-13	(E)(10)(d)(iv)	shall	The span value for USEPA method 25A shall be equal to five hundred ppmv.	3704.03(E)	Fed	1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMII Chemical Production	Yes	Yes	No

3745-21-13	(E)(10)(d)(vi)	shall	The owner or operator shall demonstrate that the total organic concentration measured by USEPA method 25A is below two hundred fifty ppmv in order for the VOC concentration to be considered below five hundred ppmv.	3704.03(E)	Fed	1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMII Chemical Production	Yes	Yes	No
3745-21-13	(E)(11)	shall	(Measurement procedure for net heating value) The net heating value of a vent stream shall be measured and calculated in accordance with 40 CFR 63.115(d)(2)(ii) and 40 CFR 63.115(d)(2)(iii).	3704.03(E)	Fed	1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMII Chemical Production	Yes	Yes	No
3745-21-13	(E)(12)	shall	(Measurement procedure for TOC and VOC emission rates) The TOC and VOC emission rates of a process vent shall be determined in accordance with paragraph (C) of rule 3745-21-10 of the Administrative Code and the following:	3704.03(E)	Fed	1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMII Chemical Production	Yes	Yes	No
3745-21-13	(E)(12)(a)	shall	The sampling site shall be selected as specified in paragraph (E)(2)(b) of this rule.	3704.03(E)	Fed	1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMII Chemical Production	Yes	Yes	No
3745-21-13	(E)(12)(b)	shall	The minimum sampling time for each run shall be one hour in which either an integrated sample or a minimum of four grab samples shall be taken.	3704.03(E)	Fed	1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMII Chemical Production	Yes	Yes	No
3745-21-13	(E)(12)(b)	shall	The minimum sampling time for each run shall be one hour in which either an integrated sample or a minimum of four grab samples shall be taken.	3704.03(E)	Fed	1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMII Chemical Production	Yes	Yes	No
3745-21-13	(E)(12)(b)	shall	If grab sampling is used, then the samples shall be taken at approximately equal intervals in time such as fifteen-minute intervals during the run.	3704.03(E)	Fed	1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMII Chemical Production	Yes	Yes	No
3745-21-13	(E)(12)(c)	shall	The mass rates of TOC and VOC for each sample shall be calculated in accordance with paragraph (C)(4) of rule 3745-21-10 of the Administrative Code...	3704.03(E)	Fed	1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMII Chemical Production	Yes	Yes	No
3745-21-13	(E)(12)(c)	shall	The mass rates of TOC and VOC for each run shall be the average of the mass rates of TOC and VOC of each sample within that run.	3704.03(E)	Fed	1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMII Chemical Production	Yes	Yes	No
3745-21-13	(E)(13)	shall	(Measurement procedure for mass emission rate of halogen atoms) The mass emission rate of halogen atoms for a process vent shall be measured based upon a sampling site selected as specified in paragraph (E)(2)(b)...	3704.03(E)	Fed	1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMII Chemical Production	Yes	Yes	No
3745-21-13	(F)(1)	shall	For any group 1 process vent, the owner or operator shall comply with paragraph (F)(1)(a)...	3704.03(E)	Fed	1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMII Chemical Production	Yes	Yes	No
3745-21-13	(F)(1)	shall	If the group 1 process vent is a halogenated process vent that is discharged to a combustion device, the owner or operator shall also comply with paragraph (F)(1)(g) of this rule.	3704.03(E)	Fed	1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMII Chemical Production	Yes	Yes	No
3745-21-13	(F)(1)(d)	shall	For a combustion device, the concentration of VOC shall be corrected to three per cent oxygen.	3704.03(E)	Fed	1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMII Chemical Production	Yes	Yes	No
3745-21-13	(F)(1)(e)	shall	If the TRE index value is greater than 1.0, the process vent shall meet the requirements for a group 2A or group 2B process vent specified in paragraph (F)(2)...	3704.03(E)	Fed	1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMII Chemical Production	Yes	Yes	No
3745-21-13	(F)(1)(f)(iii)	shall	The combustion control shall reduce VOC emissions from the group 1 process vent by at least ninety per cent by weight.	3704.03(E)	Fed	1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMII Chemical Production	Yes	Yes	No

3745-21-13	(F)(1)(f)(iv)	shall	...the use of paragraph (F)(1)(f) of this rule shall terminate for the group 1 process vent.	3704.03(E)	Fed	1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMI Chemical Production	Yes	Yes	No
3745-21-13	(F)(1)(g)	shall	A group 1 process vent that is a halogenated process vent and that is discharged to a combustion device shall be controlled with a halogen reduction device that meets paragraph (F)(1)(g)(i)...	3704.03(E)	Fed	1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMI Chemical Production	Yes	Yes	No
3745-21-13	(F)(1)(g)	shall	However, if the combustion device is a flare, the group 1 process vent shall be controlled with a halogen reduction device that meets paragraph (F)(1)(g)(ii) of this rule.	3704.03(E)	Fed	1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMI Chemical Production	Yes	Yes	No
3745-21-13	(F)(1)(g)(i)	shall	(Halogen reduction device following combustion) A scrubber or other halogen reduction device that follows combustion shall meet either of the following:	3704.03(E)	Fed	1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMI Chemical Production	Yes	Yes	No
3745-21-13	(F)(1)(g)(i)(a)	shall	Except as provided in paragraph (F)(1)(g)(i)(b) of this rule, the scrubber or other halogen reduction device shall reduce overall emissions of hydrogen halides and halogens by ninety-nine per cent...	3704.03(E)	Fed	1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMI Chemical Production	Yes	Yes	No
3745-21-13	(F)(1)(g)(i)(a)	shall	...by ninety-nine per cent or shall reduce the outlet mass of total hydrogen halides and halogens to less than 0.99 pound per hour, whichever is less stringent.	3704.03(E)	Fed	1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMI Chemical Production	Yes	Yes	No
3745-21-13	(F)(1)(g)(i)(b)	shall	...the scrubber or other halogen reduction device shall reduce overall emissions of hydrogen halides and halogens by ninety-five per cent or shall reduce the outlet mass of total hydrogen halides and halogens to less than 0.99 pound per hour, whichever is less stringent.	3704.03(E)	Fed	1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMI Chemical Production	Yes	Yes	No
3745-21-13	(F)(1)(g)(i)(b)	shall	...the scrubber or other halogen reduction device shall reduce overall emissions of hydrogen halides and halogens by ninety-five per cent or shall reduce the outlet mass of total hydrogen halides and halogens to less than 0.99 pound per hour, whichever is less stringent.	3704.03(E)	Fed	1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMI Chemical Production	Yes	Yes	No
3745-21-13	(F)(1)(g)(ii)	shall	(Halogen reduction device prior to combustion) A halogen reduction device, such as a scrubber, or other technique shall reduce the process vent's mass emission rate of halogen atoms to less than 0.99 pound per hour prior to the combustion device.	3704.03(E)	Fed	1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMI Chemical Production	Yes	Yes	No
3745-21-13	(F)(1)(h)(i)	shall	The owner or operator transferring the gas stream shall do the following:	3704.03(E)	Fed	1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMI Chemical Production	Yes	Yes	No
3745-21-13	(F)(1)(h)(i)(b)	shall	The notice shall be submitted to the transferee initially and whenever there is a change in the required control.	3704.03(E)	Fed	1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMI Chemical Production	Yes	Yes	No
3745-21-13	(F)(1)(h)(ii)	shall	Records retained by the transferee shall be retained in accordance with paragraph (J)(1) of this rule.	3704.03(E)	Fed	1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMI Chemical Production	Yes	Yes	No
3745-21-13	(F)(1)(h)(iv)	shall	Written certifications and revocation statements to the director from the transferees of such gas streams shall be signed by a responsible official of the certifying entity and provide the name and address of the certifying entity.	3704.03(E)	Fed	1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMI Chemical Production	Yes	Yes	No
3745-21-13	(F)(2)	shall	For any group 2A process vent, the owner or operator shall maintain a TRE index value greater than 1.0	3704.03(E)	Fed	1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMI Chemical Production	Yes	Yes	No
3745-21-13	(F)(3)	shall	For any group 2B process vent, the owner or operator shall maintain a flow rate less than 0.30 scfm...	3704.03(E)	Fed	1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMI Chemical Production	Yes	Yes	No

3745-21-13	(G)(1)	shall	Except where otherwise specified within this rule, any owner or operator of a reactor or distillation unit that is subject to this rule shall comply with this rule by no later than the following dates:	3704.03(E)	Fed	1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMII Chemical Production	Yes	Yes	No
3745-21-13	(G)(2)	shall	Until that date of first startup, the group 1 process vent shall continue to comply with paragraph (F)(1)(f) of this rule.	3704.03(E)	Fed	1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMII Chemical Production	Yes	Yes	No
3745-21-13	(G)(3)	shall	If there is a change in group status due to a process change, the owner or operator shall meet one of the following:	3704.03(E)	Fed	1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMII Chemical Production	Yes	Yes	No
3745-21-13	(G)(3)(a)	shall	(Group status change to group 1) Where the process change causes the group status to change to group 1, the owner or operator shall comply with the group 1 process vent requirements in paragraph (F)(1)...	3704.03(E)	Fed	1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMII Chemical Production	Yes	Yes	No
3745-21-13	(G)(3)(a)	shall	If this demonstration is made to the director's satisfaction, the owner or zoperator shall comply as expeditiously as practical, but in no event later than one year after the process vent becomes a group 1 process vent...	3704.03(E)	Fed	1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMII Chemical Production	Yes	Yes	No
3745-21-13	(G)(3)(a)	shall	...but in no event later than one year after the process vent becomes a group 1 process vent, and shall comply with the following procedures to establish a compliance date:	3704.03(E)	Fed	1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMII Chemical Production	Yes	Yes	No
3745-21-13	(G)(3)(a)(i)	shall	The owner or operator shall submit to the director for approval a compliance schedule, along with a justification for the schedule.	3704.03(E)	Fed	1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMII Chemical Production	Yes	Yes	No
3745-21-13	(G)(3)(a)(ii)	shall	The compliance schedule shall be submitted with an application for a permit, or an application for a modification of a permit, or by other means provided by the appropriate Ohio EPA district office or local air agency.	3704.03(E)	Fed	1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMII Chemical Production	Yes	Yes	No
3745-21-13	(G)(3)(a)(iii)	shall	The director shall approve the compliance schedule or request changes within ninety calendar days of receipt of the compliance schedule and justification for the schedule.	3704.03(E)	Fed	1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMII Chemical Production	Yes	Yes	Yes
3745-21-13	(G)(3)(b)	shall	(Group status change to group 2A) Where the process change causes the process vent group status to change to group 2A, the owner or operator shall comply with paragraph (F)(2) of this rule upon completion of the group status determination of the process vent.	3704.03(E)	Fed	1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMII Chemical Production	Yes	Yes	No
3745-21-13	(G)(3)(c)	shall	(Group status change to group 2B) Where the process change causes the process vent group status to change to group 2B or causes the basis of a group 2B status to change, the owner or operator shall comply with paragraph (F)(3) of this rule as soon as practical after the process change.	3704.03(E)	Fed	1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMII Chemical Production	Yes	Yes	No
3745-21-13	(G)(4)	shall	...combination of control devices that is designed and operated to meet paragraph (F)(1)(d) of this rule shall demonstrate compliance by conducting a compliance test of the control or recovery devices in accordance with paragraph (I)...	3704.03(E)	Fed	1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMII Chemical Production	Yes	Yes	No
3745-21-13	(G)(5)	shall	...group 2A process vent operated to meet paragraph (F)(2) of this rule shall demonstrate compliance by conducting a TRE determination test in accordance with paragraph (I) of this rule by the compliance date.	3704.03(E)	Fed	1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMII Chemical Production	Yes	Yes	No
3745-21-13	(H)(1)	shall	For any flare used by a group 1 process vent to comply with paragraph (F)(1)(a) of this rule, the owner or operator shall install, calibrate, maintain, and operate according to manufacturer's specifications, a monitoring device...	3704.03(E)	Fed	1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMII Chemical Production	Yes	Yes	No
3745-21-13	(H)(2)	shall	For any combustion device (boiler, process heater, incinerator) used by a group 1 process vent to comply with paragraph (F)(1)(d) or (F)(1)(g) of this rule, the owner or operator shall install, calibrate, maintain, and operate according to manufacturer's specifications...	3704.03(E)	Fed	1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMII Chemical Production	Yes	Yes	No

3745-21-13	(H)(2)	shall	The temperature monitoring device shall be located as follows:	3704.03(E)	Fed	1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMII Chemical Production	Yes	Yes	No
3745-21-13	(H)(2)(a)	shall	Where a thermal incinerator is used, the temperature monitoring device shall be located in the firebox or in the ductwork immediately downstream of the firebox in a position before any substantial heat exchange occurs.	3704.03(E)	Fed	1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMII Chemical Production	Yes	Yes	No
3745-21-13	(H)(2)(b)(i)	shall	Temperature monitoring devices shall be located in the gas stream immediately before (upstream) and after (downstream) the catalyst bed.	3704.03(E)	Fed	1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMII Chemical Production	Yes	Yes	No
3745-21-13	(H)(2)(b)(ii)	shall	If an owner or operator elects to implement an inspection and maintenance plan for the catalytic incinerator that meets paragraph (H)(9) of this rule, the temperature monitoring device shall be located upstream of the catalyst bed only.	3704.03(E)	Fed	1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMII Chemical Production	Yes	Yes	No
3745-21-13	(H)(2)(c)	shall	Where a boiler or process heater is used, the temperature monitoring device shall be located in the firebox.	3704.03(E)	Fed	1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMII Chemical Production	Yes	Yes	No
3745-21-13	(H)(3)	shall	...to comply with paragraph (F)(2) of this rule the owner or operator shall install, calibrate, maintain and operate according to manufacturer's specifications, the following monitoring devices:	3704.03(E)	Fed	1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMII Chemical Production	Yes	Yes	No
3745-21-13	(H)(3)(a)(i)	shall	A temperature monitoring device equipped with a continuous recorder shall be employed to monitor the exit temperature of the absorbing liquid.	3704.03(E)	Fed	1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMII Chemical Production	Yes	Yes	No
3745-21-13	(H)(3)(a)(ii)	shall	A specific gravity monitoring device equipped with a continuous recorder shall be employed to monitor the exit specific gravity of the absorbing liquid.	3704.03(E)	Fed	1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMII Chemical Production	Yes	Yes	No
3745-21-13	(H)(3)(b)	shall	Where a condenser is used, a temperature monitoring device equipped with a continuous recorder shall be employed to monitor the exit (product side) temperature.	3704.03(E)	Fed	1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMII Chemical Production	Yes	Yes	No
3745-21-13	(H)(3)(c)(i)	shall	An integrating regeneration stream flow monitoring device, having an accuracy of plus or minus ten per cent or better, shall be employed for recording the total regeneration stream mass or volumetric flow for each regeneration cycle.	3704.03(E)	Fed	1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMII Chemical Production	Yes	Yes	No
3745-21-13	(H)(3)(c)(ii)	shall	A carbon bed temperature monitoring device shall be employed for recording the carbon bed temperature after each regeneration and within fifteen minutes of completing any cooling cycle.	3704.03(E)	Fed	1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMII Chemical Production	Yes	Yes	No
3745-21-13	(H)(3)(d)	shall	...an organic monitoring device equipped with a continuous recorder shall be employed for monitoring the concentration level or reading at the outlet of the recapture or final recovery device.	3704.03(E)	Fed	1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMII Chemical Production	Yes	Yes	No
3745-21-13	(H)(4)	shall	For any halogen reduction device used by a halogenated group 1 process vent to comply with paragraph (F)(1)(g) of this rule, the owner or operator shall install, calibrate, maintain and operate according to manufacturer's specifications, monitoring devices as follows:	3704.03(E)	Fed	1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMII Chemical Production	Yes	Yes	No
3745-21-13	(H)(4)(a)	shall	Where a scrubber is used, the following monitoring devices shall be employed: (i) A pH monitoring device...	3704.03(E)	Fed	1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMII Chemical Production	Yes	Yes	No
3745-21-13	(H)(4)(a)(i)	shall	A pH monitoring device equipped with a continuous recorder shall be employed to monitor the pH of the scrubber effluent.	3704.03(E)	Fed	1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMII Chemical Production	Yes	Yes	No

3745-21-13	(H)(4)(a)(ii)	shall	A flow meter equipped with a continuous recorder shall be employed to monitor the scrubber influent for liquid flow.	3704.03(E)	Fed	1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMII Chemical Production	Yes	Yes	No
3745-21-13	(H)(4)(a)(iii)	shall	A flow meter equipped with a continuous recorder shall be employed to monitor the gas stream flow, unless an alternative method for gas stream flow is submitted to the director, as follows:	3704.03(E)	Fed	1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMII Chemical Production	Yes	Yes	No
3745-21-13	(H)(4)(a)(iii)(c)	shall	The plan shall require determination of gas stream flow by a method that will at least provide a value for either a representative or the highest gas stream flow anticipated in the scrubber during representative operating conditions other than startups, shutdowns, or malfunctions.	3704.03(E)	Fed	1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMII Chemical Production	Yes	Yes	No
3745-21-13	(H)(4)(a)(iii)(c)	shall	The plan shall include a description of the methodology to be followed and an explanation of how the selected methodology will reliably determine the gas stream flow and a description of the records that will be maintained to document the determination of gas stream flow.	3704.03(E)	Fed	1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMII Chemical Production	Yes	Yes	No
3745-21-13	(H)(4)(b)	shall	Where a halogen reduction device other than a scrubber is used, the procedures in paragraph (H)(8) of this rule shall be followed to establish monitoring devices and parameters.	3704.03(E)	Fed	1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMII Chemical Production	Yes	Yes	No
3745-21-13	(H)(5)	shall	The request shall be submitted according to the procedures specified in paragraph (H)(8) of this rule.	3704.03(E)	Fed	1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMII Chemical Production	Yes	Yes	No
3745-21-13	(H)(5)	shall	Approval shall be requested if the owner or operator uses a combustion, recovery, or recapture device other than those listed in paragraphs (H)(1)...	3704.03(E)	Fed	1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMII Chemical Production	Yes	Yes	No
3745-21-13	(H)(6)	shall	For any bypass line that could divert a group 1 process vent directly to the atmosphere, the owner or operator shall comply with either of the following:	3704.03(E)	Fed	1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMII Chemical Production	Yes	Yes	No
3745-21-13	(H)(6)(a)	shall	The owner or operator shall install, calibrate, maintain, and operate, according to manufacturer's specifications, a flow indicator that takes a reading at least once every fifteen minutes.	3704.03(E)	Fed	1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMII Chemical Production	Yes	Yes	No
3745-21-13	(H)(6)(a)	shall	The flow indicator shall be installed at the entrance to any bypass line that could divert the gas stream to the atmosphere.	3704.03(E)	Fed	1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMII Chemical Production	Yes	Yes	No
3745-21-13	(H)(6)(b)	shall	The owner or operator shall secure the bypass line valve in the non-diverting position with a car-seal or a lock-and-key type configuration.	3704.03(E)	Fed	1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMII Chemical Production	Yes	Yes	No
3745-21-13	(H)(6)(b)	shall	The owner or operator shall perform a visual inspection of the seal or closure mechanism at least once every month to ensure that the valve is maintained in the non-diverting position and the gas stream is not diverted through the bypass line.	3704.03(E)	Fed	1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMII Chemical Production	Yes	Yes	No
3745-21-13	(H)(7)	shall	For each parameter monitored under paragraphs (H)(2) to (H)(5) of this rule, the owner or operator shall determine a range that indicates proper operation of t control or recovery device.	3704.03(E)	Fed	1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMII Chemical Production	Yes	Yes	No
3745-21-13	(H)(7)	shall	The ranges shall be determined in accordance with the following: (a) If a compliance test is conducted...	3704.03(E)	Fed	1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMII Chemical Production	Yes	Yes	No
3745-21-13	(H)(7)(a)	shall	If a compliance test is conducted pursuant to paragraph (I) of this rule, the range shall be based on the parameter values measured during the compliance test that demonstrated compliance and may be supplemented by engineering assessments or manufacturer's recommendations.	3704.03(E)	Fed	1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMII Chemical Production	Yes	Yes	No

3745-21-13	(H)(7)(b)	shall	If a TRE determination test is conducted pursuant to paragraph (I) of this rule, the range shall be based on the parameter values measured during the TRE determination test and may be supplemented by engineering assessments or manufacturer's recommendations.	3704.03(E)	Fed	1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMII Chemical Production	Yes	Yes	No
3745-21-13	(H)(7)	shall	In order to establish the range, the information specified under paragraph (K)(2)(c) of this rule shall be submitted as part of the initial compliance status report required under paragraph (K)(2) of this rule.	3704.03(E)	Fed	1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMII Chemical Production	Yes	Yes	No
3745-21-13	(H)(8)(a)	shall	The owner or operator who has been directed by any paragraph of this rule to establish monitoring devices and parameters or request approval to employ monitoring devices and parameters other than required by this rule shall submit within an application for a permit or modification of a permit...	3704.03(E)	Fed	1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMII Chemical Production	Yes	Yes	No
3745-21-13	(H)(8)(a)(iii)	shall	The rationale for the proposed monitoring, recording, and reporting system shall be included.	3704.03(E)	Fed	1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMII Chemical Production	Yes	Yes	No
3745-21-13	(H)(8)(b)	shall	If the monitoring device and parameter are approved by the director, the monitoring device and parameter, including associated records and semiannual reporting, shall be specified in the terms and conditions of a permit or order issued by the director.	3704.03(E)	Fed	1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMII Chemical Production	Yes	Yes	No
3745-21-13	(H)(9)	shall	...an inspection and maintenance plan shall be developed, maintained on-site, and made readily available upon the request of the appropriate Ohio EPA district office or local air agency.	3704.03(E)	Fed	1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMII Chemical Production	Yes	Yes	No
3745-21-13	(H)(9)	shall	At a minumum, the plan shall include the following: (a) Annual sampling...	3704.03(E)	Fed	1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMII Chemical Production	Yes	Yes	No
3745-21-13	(H)(9)(c)	shall	If problems are found, corrective action consistent with the manufacturer's recommendations shall be implemented and a new performance test to determine destruction efficiency...	3704.03(E)	Fed	1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMII Chemical Production	Yes	Yes	No
3745-21-13	(H)(9)(c)	shall	... a new performance test to determine destruction efficiency in accordance with paragraph (C) of rule 3745-21-10 of the Administrative Code shall be conducted.	3704.03(E)	Fed	1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMII Chemical Production	Yes	Yes	No
3745-21-13	(I)(1)	shall	Where a flare is used to comply with paragraph (F)(1)(a) of this rule, the owner or operator shall conduct compliance tests as follows:	3704.03(E)	Fed	1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMII Chemical Production	Yes	Yes	No
3745-21-13	(I)(3)	shall	...VOC concentration requirement in paragraph (F)(1)(d) of this rule or the VOC reduction requirement in paragraph (F)(1)(f) of this rule, shall conduct an initial compliance test as follows:	3704.03(E)	Fed	1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMII Chemical Production	Yes	Yes	No
3745-21-13	(I)(3)(a)	shall	For determination of compliance with the ninety or ninety-eight per cent reduction of VOC requirement, sampling sites shall be located at the outlet to atmosphere of any control device and at the inlet of the control device (or combination of control devices) as follows:	3704.03(E)	Fed	1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMII Chemical Production	Yes	Yes	No
3745-21-13	(I)(3)(a)(i)	shall	The control device inlet sampling site shall be located after the final recovery device (if any).	3704.03(E)	Fed	1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMII Chemical Production	Yes	Yes	No
3745-21-13	(I)(3)(a)(ii)	shall	...selection of the location of the inlet sampling sites shall ensure the measurement of VOC concentrations in all vent streams and primary and secondary fuels introduced into the boiler or process heater.	3704.03(E)	Fed	1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMII Chemical Production	Yes	Yes	No
3745-21-13	(I)(3)(b)	shall	For determination of compliance with the twenty ppmv VOC limit, the sampling site shall be located at the outlet of any control device.	3704.03(E)	Fed	1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMII Chemical Production	Yes	Yes	No

3745-21-13	(I)(3)(c)	shall	The VOC concentration and mass rate of VOC for each sampling site shall be determined in accordance with the test methods in paragraph (C) of rule 3745-21-09 of the Administrative Code as follows:	3704.03(E)	Fed	1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMII Chemical Production	Yes	Yes	No
3745-21-13	(I)(3)(c)(i)	shall	VOC concentration shall be based on USEPA method 18.	3704.03(E)	Fed	1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMII Chemical Production	Yes	Yes	No
3745-21-13	(I)(3)(c)(ii)	shall	The minimum sampling time for each run shall be one hour in which either an integrated sample or a minimum of four grab samples shall be taken.	3704.03(E)	Fed	1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMII Chemical Production	Yes	Yes	No
3745-21-13	(I)(3)(c)(ii)	shall	The minimum sampling time for each run shall be one hour in which either an integrated sample or a minimum of four grab samples shall be taken.	3704.03(E)	Fed	1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMII Chemical Production	Yes	Yes	No
3745-21-13	(I)(3)(c)(ii)	shall	If grab sampling is used, then the samples shall be taken at approximately equal intervals in time such as fifteen minute intervals during the run.	3704.03(E)	Fed	1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMII Chemical Production	Yes	Yes	No
3745-21-13	(I)(3)(c)(iii)	shall	The mass rate of VOC for each sample shall be calculated in accordance with paragraph (C)(4) of rule 3745-21-10 of the Administrative Code.	3704.03(E)	Fed	1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMII Chemical Production	Yes	Yes	No
3745-21-13	(I)(3)(c)(iii)	shall	The mass rate of VOC for each run shall be the average of the mass rate of VOC of each sample within that run.	3704.03(E)	Fed	1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMII Chemical Production	Yes	Yes	No
3745-21-13	(I)(3)(d)	shall	The per cent reduction of VOC shall be the per cent reduction in the mass rate of VOC between the outlet of the last recovery device and the outlet to atmosphere from all control devices combined.	3704.03(E)	Fed	1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMII Chemical Production	Yes	Yes	No
3745-21-13	(I)(3)(e)	shall	If a combustion device is the control device used to comply with the twenty ppmv VOC limit, the concentration of VOC shall be corrected to three per cent oxygen for each run as follows:	3704.03(E)	Fed	1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMII Chemical Production	Yes	Yes	No
3745-21-13	(I)(3)(e)(i)	shall	The emission rate correction factor or excess air, integrated sampling and analysis procedures of USEPA method 3B shall be used to determine the oxygen concentration (%O2d).	3704.03(E)	Fed	1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMII Chemical Production	Yes	Yes	No
3745-21-13	(I)(3)(e)(i)	shall	The samples shall be taken during the same time that the VOC samples are taken.	3704.03(E)	Fed	1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMII Chemical Production	Yes	Yes	No
3745-21-13	(I)(3)(e)(ii)	shall	The concentration corrected to three per cent oxygen (Cc) shall be computed using the following equation: $Cc = Cm (17.9)/(20.9 - \%O2d)$	3704.03(E)	Fed	1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMII Chemical Production	Yes	Yes	No
3745-21-13	(I)(4)	shall	Any owner or operator using a combustion device followed by a scrubber or other halogen reduction device to comply with paragraph (F)(1)(g)(i) of this rule shall conduct an initial compliance test...	3704.03(E)	Fed	1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMII Chemical Production	Yes	Yes	No
3745-21-13	(I)(4)(a)	shall	For determining compliance with the per cent reduction requirement, sampling sites shall be located at the inlet and outlet of the scrubber or other halogen reduction device used to reduce halogen emissions.	3704.03(E)	Fed	1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMII Chemical Production	Yes	Yes	No
3745-21-13	(I)(4)(b)	shall	For determining compliance with outlet mass emission limit, the sampling site shall be located at the outlet of the scrubber or other halogen reduction device and prior to any releases to the atmosphere.	3704.03(E)	Fed	1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMII Chemical Production	Yes	Yes	No

3745-21-13	(I)(4)(c)	shall	Except as provided in paragraph (I)(4)(f) of this rule, USEPA method 26 or USEPA method 26A shall be used to determine the concentration, in milligrams per dry standard cubic meter...	3704.03(E)	Fed	1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMI Chemical Production	Yes	Yes	No
3745-21-13	(I)(4)(c)	shall	The mass emissions of each hydrogen halide and halogen compound shall be calculated from the measured concentrations and the gas stream flow rate.	3704.03(E)	Fed	1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMI Chemical Production	Yes	Yes	No
3745-21-13	(I)(4)(d)	shall	To demonstrate compliance with the per cent reduction requirement, the owner or operator shall do the following: (i) Sum the mass emissions...	3704.03(E)	Fed	1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMI Chemical Production	Yes	Yes	No
3745-21-13	(I)(4)(e)	shall	To demonstrate compliance with the outlet mass emission limit, the owner or operator shall sum the mass emissions for any hydrogen halides and halogens at the outlet of the scrubber...	3704.03(E)	Fed	1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMI Chemical Production	Yes	Yes	No
3745-21-13	(I)(4)(e)	shall	The resultant mass emission rate of total hydrogen halides and halogens shall be less than 0.99 pound per hour.	3704.03(E)	Fed	1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMI Chemical Production	Yes	Yes	No
3745-21-13	(I)(5)	shall	...a combustion device to comply with paragraph (F)(1)(g)(ii) of this rule shall determine the halogen atom mass emission rate prior to the combustion device according to the measurement procedure in paragraph (E)(13) of this rule.	3704.03(E)	Fed	1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMI Chemical Production	Yes	Yes	No
3745-21-13	(I)(6)	shall	...means to achieve and maintain a TRE index value greater than 1.0 for a process vent and to comply with paragraph (F)(1)(e) of this rule, shall conduct TRE determination tests to determine the TRE index value of the process vent based on measurements for flow rate...	3704.03(E)	Fed	1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMI Chemical Production	Yes	Yes	No
3745-21-13	(I)(7)	shall	...any owner or operator using a recovery system to maintain a TRE index value greater than 1.0 for a process vent and comply with paragraph (F)(2) of this rule, shall conduct TRE determination tests to determine the TRE index value of the process vent based on measurements conducted for flow rate, net heating value...	3704.03(E)	Fed	1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMI Chemical Production	Yes	Yes	No
3745-21-13	(J)(1)	shall	All records specified under this paragraph shall be retained by the owner or operator for a period of not less than five years and shall be made available to the director or any authorized representative of the director for review during normal business hours.	3704.03(E)	Fed	1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMI Chemical Production	Yes	Yes	No
3745-21-13	(J)(1)	shall	All records specified under this paragraph shall be retained by the owner or operator for a period of not less than five years and shall be made available to the director or any authorized representative of the director for review during normal business hours.	3704.03(E)	Fed	1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMI Chemical Production	Yes	Yes	No
3745-21-13	(J)(2)	shall	The owner or operator of a reactor or distillation unit subject to this rule shall maintain records used to determine the group status of each process vent. The following types of records are to be maintained:	3704.03(E)	Fed	1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMI Chemical Production	Yes	Yes	No
3745-21-13	(J)(2)(a)	shall	The owner or operator shall maintain records of measurements, engineering assessments, and calculations performed to determine the TRE index value of the process vent according to the procedures of paragraph (E)(8)...	3704.03(E)	Fed	1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMI Chemical Production	Yes	Yes	No
3745-21-13	(J)(2)(a)	shall	Documentation of engineering assessments shall include all data, assumptions, and procedures used for the engineering assessments.	3704.03(E)	Fed	1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMI Chemical Production	Yes	Yes	No
3745-21-13	(J)(2)(b)	shall	Each owner or operator who elects to demonstrate that a process vent is group 2B based on a flow rate less than 0.30 scfm shall record the flow rate as measured using the measurement procedure specified in paragraph (E)(9)...	3704.03(E)	Fed	1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMI Chemical Production	Yes	Yes	No
3745-21-13	(J)(2)(c)	shall	Each owner or operator who elects to demonstrate that a process vent is group 2B based on a VOC concentration less than the five hundred ppmv shall record the VOC concentration as measured using the measurement procedure specified in paragraphs (E)(10)...	3704.03(E)	Fed	1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMI Chemical Production	Yes	Yes	No

3745-21-13	(J)(2)(d)	shall	The owner or operator shall keep up-to-date, readily accessible records on process changes, as defined in paragraph (D)(6) of this rule, for process vents as follows:	3704.03(E)	Fed	1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMI Chemical Production	Yes	Yes	No
3745-21-13	(J)(2)(d)(i)	shall	If the process vent is a group 2B process vent on the basis of the flow rate being less than 0.30 scfm, then the owner or operator shall keep records of any process changes...	3704.03(E)	Fed	1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMI Chemical Production	Yes	Yes	No
3745-21-13	(J)(2)(d)(ii)	shall	If the process vent is a group 2B process vent on the basis of the VOC concentration being less than five hundred ppmv, then the owner or operator shall keep records of any process changes...	3704.03(E)	Fed	1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMI Chemical Production	Yes	Yes	No
3745-21-13	(J)(2)(d)(iii)	shall	If the process vent is a group 2B process vent on the basis of the TRE index value being greater than 4.0 for a vent stream from a recovery system, then the owner or operator shall keep records of any process changes...	3704.03(E)	Fed	1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMI Chemical Production	Yes	Yes	No
3745-21-13	(J)(2)(d)(iv)	shall	If the process vent is a group 2B process vent on the basis of the TRE index value being greater than 1.0 for a vent stream not from a recovery system, then the owner or operator shall keep records of any process changes...	3704.03(E)	Fed	1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMI Chemical Production	Yes	Yes	No
3745-21-13	(J)(2)(d)(v)	shall	If the process vent is a group 2A process vent (i.e., the TRE index value is greater than 1.0 and less than or equal to 4.0 for a vent stream not from a recovery system), then the owner or operator shall keep records of any process changes...	3704.03(E)	Fed	1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMI Chemical Production	Yes	Yes	No
3745-21-13	(J)(3)	shall	For any group 1 or group 2A process vent subject to paragraph (H) of this rule, the owner or operator shall maintain monitoring records as follows:	3704.03(E)	Fed	1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMI Chemical Production	Yes	Yes	No
3745-21-13	(J)(3)(a)	shall	For any flare used by a group 1 process vent to comply with paragraph (F)(1)(a) of this rule, the owner or operator shall maintain the following records for the monitoring device used to continuously detect the presence of a pilot flame:	3704.03(E)	Fed	1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMI Chemical Production	Yes	Yes	No
3745-21-13	(J)(3)(b)	shall	For any combustion device (boiler, process heater, or incinerator) used by a group 1 process vent to comply with paragraph (F)(1)(d) or (F)(1)(f) of this rule, the owner or operator shall maintain the following records for the temperature monitoring device:	3704.03(E)	Fed	1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMI Chemical Production	Yes	Yes	No
3745-21-13	(J)(3)(c)	shall	For any halogen reduction device used by a halogenated group 1 process vent to comply with paragraph (F)(1)(g)(i) of this rule, the owner or operator shall maintain the following monitoring records:	3704.03(E)	Fed	1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMI Chemical Production	Yes	Yes	No
3745-21-13	(J)(3)(c)(ii)	shall	Where a halogen reduction device other than a scrubber is employed for a halogenated vent stream following combustion, the owner or operator shall maintain the monitoring records identified pursuant to paragraph (H)(8) of this rule.	3704.03(E)	Fed	1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMI Chemical Production	Yes	Yes	No
3745-21-13	(J)(3)(d)	shall	...any final recovery device within a recovery system used by a group 2A process vent to comply with paragraph (F)(2) of this rule, the owner or operator shall maintain the following monitoring records, as applicable:	3704.03(E)	Fed	1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMI Chemical Production	Yes	Yes	No
3745-21-13	(J)(3)(d)(iv)	shall	...where an organic monitoring device is employed as an alternative to the otherwise specified monitoring device for an absorber, condenser, or carbon adsorber, the owner or operator shall maintain the following monitoring records:	3704.03(E)	Fed	1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMI Chemical Production	Yes	Yes	No
3745-21-13	(J)(3)(e)	shall	For any bypass line that could divert a group 1 process vent directly to the atmosphere, the owner or operator shall maintain the monitoring records as follows:	3704.03(E)	Fed	1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMI Chemical Production	Yes	Yes	No
3745-21-13	(J)(3)(f)	shall	The daily average value of a monitored parameter shall be calculated as the average of all values recorded during the operating day by the continuous recorder, except for monitoring data recorded during the following periods:	3704.03(E)	Fed	1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMI Chemical Production	Yes	Yes	No

3745-21-13	(J)(4)	shall	Any owner or operator of a group 1 process vent shall keep an up-to-date, readily accessible record of the data specified in paragraphs (J)(4)(a) to (J)(4)(e)...	3704.03(E)	Fed	1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMI Chemical Production	Yes	Yes	No
3745-21-13	(J)(4)(a)	shall	When using a flare to comply with paragraph (F)(1)(a) of this rule, the owner or operator shall maintain records on the following:	3704.03(E)	Fed	1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMI Chemical Production	Yes	Yes	No
3745-21-13	(J)(4)(b)	shall	When using a boiler or process heater to comply with paragraph (F)(1)(b) of this rule, the owner or operator shall maintain records on the heat input capacity of the boiler or process heater...	3704.03(E)	Fed	1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMI Chemical Production	Yes	Yes	No
3745-21-13	(J)(4)(c)	shall	When using a boiler or process heater to comply with paragraph (F)(1)(c) of this rule, the owner or operator shall maintain records on the location at which the vent stream is introduced into the boiler or process heater.	3704.03(E)	Fed	1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMI Chemical Production	Yes	Yes	No
3745-21-13	(J)(4)(d)	shall	When using a control device (boiler, process heater, incinerator, or recapture device) to comply with paragraph (F)(1)(d) of this rule, the owner or operator shall maintain records of the following:	3704.03(E)	Fed	1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMI Chemical Production	Yes	Yes	No
3745-21-13	(J)(4)(e)	shall	When using a recovery system, process change, or other means to achieve and maintain a TRE index value greater than 1.0 and to comply with paragraph (F)(1)(e) of this rule, the owner or operator shall maintain records of the TRE determination tests conducted pursuant to paragraph (I)(7) of this rule.	3704.03(E)	Fed	1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMI Chemical Production	Yes	Yes	No
3745-21-13	(J)(4)(f)	shall	When using a combustion device to comply with paragraph (F)(1)(f) of this rule, the owner or operator shall maintain records of the following:	3704.03(E)	Fed	1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMI Chemical Production	Yes	Yes	No
3745-21-13	(J)(4)(g)	shall	When using a scrubber or other halogen reduction device following a combustion device to control a halogenated vent stream to comply with paragraph (F)(1)(g)(i) of this rule, the owner or operator shall maintain records of the following:	3704.03(E)	Fed	1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMI Chemical Production	Yes	Yes	No
3745-21-13	(J)(4)(h)	shall	When transferring a group 1 process vent for disposal to comply with paragraph (F)(1)(h) of this rule, the owner or operator shall maintain records on the name and location of the transferee and the identification of the group 1 process vent.	3704.03(E)	Fed	1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMI Chemical Production	Yes	Yes	No
3745-21-13	(J)(5)	shall	Any owner or operator of a group 2A process vent shall keep an up-to-date, readily accessible record of the data specified in paragraphs (J)(5)(a) to (J)(5)(b) of this rule to demonstrate compliance with paragraph (F)(2) of this rule.	3704.03(E)	Fed	1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMI Chemical Production	Yes	Yes	No
3745-21-13	(J)(6)	shall	Any owner or operator of a group 2B process vent shall keep an up-to-date, readily accessible record of the data specified in paragraph (J)(6)(a), (J)(6)(b), or (J)(6)(c) of this rule...	3704.03(E)	Fed	1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMI Chemical Production	Yes	Yes	No
3745-21-13	(J)(6)(a)	shall	Any owner or operator who elects to demonstrate that a process vent is a group 2B process vent based on a flow rate being less than 0.30 scfm shall maintain a record of the vent stream flow rate as determined in accordance with paragraph (E)(3) of this rule...	3704.03(E)	Fed	1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMI Chemical Production	Yes	Yes	No
3745-21-13	(J)(6)(b)	shall	Any owner or operator who elects to demonstrate that a process vent is a group 2B process vent based on a VOC concentration being less than five hundred ppmv shall maintain a record of the vent stream VOC concentration as determined in accordance with paragraph (E)(4) of this rule...	3704.03(E)	Fed	1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMI Chemical Production	Yes	Yes	No
3745-21-13	(J)(6)(c)	shall	Any owner or operator who elects to demonstrate that a process vent not from a recovery system is a group 2B process vent based on the TRE index value being greater than 1.0 shall maintain records of the following:	3704.03(E)	Fed	1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMI Chemical Production	Yes	Yes	No
3745-21-13	(J)(6)(d)	shall	Any owner or operator who elects to demonstrate that a process vent from a recovery system is a group 2B process vent based on the TRE index value being greater than 4.0 shall maintain records of the following:	3704.03(E)	Fed	1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMI Chemical Production	Yes	Yes	No

3745-21-13	(J)(7)	shall	...rule regarding a process unit with a total design capacity for all chemicals produced within that unit of less than one thousand one hundred tons per year, shall keep up-to-date records detailing the design production capacity of the process unit...	3704.03(E)	Fed	1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMII Chemical Production	Yes	Yes	No
3745-21-13	(K)(2)	shall	Each owner or operator of a reactor or distillation unit subject to this rule shall submit an initial compliance status report within sixty calendar days after the compliance dates specified in paragraph (G) of this rule as follows:	3704.03(E)	Fed	1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMII Chemical Production	Yes	Yes	No
3745-21-13	(K)(2)(a)	shall	The initial compliance status report shall include the results of any process vent group determinations, compliance tests, TRE determination tests, inspections...	3704.03(E)	Fed	1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMII Chemical Production	Yes	Yes	No
3745-21-13	(K)(2)(b)	shall	For compliance tests, TRE determination tests, and any group determinations based on measurements, the initial compliance status report shall include one complete test report for each test method used for a particular kind of process vent.	3704.03(E)	Fed	1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMII Chemical Production	Yes	Yes	No
3745-21-13	(K)(2)(b)	shall	For additional tests and measurements performed for the same kind of process vent using the same test method, the test results or measurement results shall be submitted, but a complete test report is not required.	3704.03(E)	Fed	1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMII Chemical Production	Yes	Yes	No
3745-21-13	(K)(2)(c)	shall	A complete test report shall include a brief process description, sampling site description, description of sampling and analysis procedures and any modifications to standard procedures...	3704.03(E)	Fed	1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMII Chemical Production	Yes	Yes	No
3745-21-13	(K)(2)(d)	shall	For each monitored parameter for which a range is required to be established under paragraph (H)(7) of this rule (pertains to group 1 and group 2A process vents), the compliance status report shall include the following information:	3704.03(E)	Fed	1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMII Chemical Production	Yes	Yes	No
3745-21-13	(K)(3)	shall	The owner or operator of a reactor or distillation unit subject to this rule shall submit semiannual compliance status reports containing the information in paragraphs (K)(3)(a) to (K)(3)(c) of this rule.	3704.03(E)	Fed	1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMII Chemical Production	Yes	Yes	No
3745-21-13	(K)(3)	shall	The semiannual compliance status reports shall be submitted no later than sixty calendar days after the end of each six-month period to the appropriate Ohio EPA district office or local air agency.	3704.03(E)	Fed	1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMII Chemical Production	Yes	Yes	No
3745-21-13	(K)(3)	shall	The first report shall be submitted no later than eight months after the date the initial compliance status report is due and shall cover the six-month period beginning on the date the initial compliance status report is due.	3704.03(E)	Fed	1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMII Chemical Production	Yes	Yes	No
3745-21-13	(K)(3)	shall	The first report shall be submitted no later than eight months after the date the initial compliance status report is due and shall cover the six-month period beginning on the date the initial compliance status report is due.	3704.03(E)	Fed	1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMII Chemical Production	Yes	Yes	No
3745-21-13	(K)(3)(a)	shall	For a group 1 process vent, the semiannual compliance status reports shall include the following recorded information:	3704.03(E)	Fed	1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMII Chemical Production	Yes	Yes	No
3745-21-13	(K)(3)(b)	shall	For a group 2A process vent, the semiannual compliance status reports shall include the following recorded information:	3704.03(E)	Fed	1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMII Chemical Production	Yes	Yes	No
3745-21-13	(K)(3)(c)	shall	...the semiannual compliance status report shall include the data recorded pursuant to paragraphs (J)(4) and (J)(5) of this rule.	3704.03(E)	Fed	1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMII Chemical Production	Yes	Yes	No
3745-21-13	(K)(4)	shall	...the owner or operator shall submit a report to the appropriate Ohio EPA district office or local air agency within sixty calendar days after the process change.	3704.03(E)	Fed	1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMII Chemical Production	Yes	Yes	No

3745-21-13	(K)(4)	shall	The report shall include the following, whichever is applicable:	3704.03(E)	Fed	1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMII Chemical Production	Yes	Yes	No
3745-21-13	(K)(4)(a)	shall	For a group 2A or group 2B process vent that becomes a group 1 process vent, the report shall include all of the following:	3704.03(E)	Fed	1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMII Chemical Production	Yes	Yes	No
3745-21-13	(K)(4)(b)	shall	For a group 2B process vent that becomes a group 2A process vent, the report shall include all of the following:	3704.03(E)	Fed	1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMII Chemical Production	Yes	Yes	No
3745-21-13	(K)(4)(c)	shall	For a group 2A process vent that becomes a group 2B process, the report shall include all of the following:	3704.03(E)	Fed	1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMII Chemical Production	Yes	Yes	No
3745-21-13	(K)(4)(d)	shall	For a group 2B process vent under a specific basis that becomes a group 2A process vent under a different basis, the report shall include all of the following:	3704.03(E)	Fed	1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMII Chemical Production	Yes	Yes	No
3745-21-13	(L)(1)	shall	...has an initial startup date before May 27, 2005 shall notify the appropriate Ohio EPA district office or local air agency in writing that the reactor or distillation operation is subject to this rule.	3704.03(E)	Fed	1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMII Chemical Production	Yes	Yes	No
3745-21-13	(L)(1)	shall	The notification, which shall be submitted not later than July 26, 2005, shall provide the information specified in paragraph (L)(5) of this rule.	3704.03(E)	Fed	1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMII Chemical Production	Yes	Yes	No
3745-21-13	(L)(1)	shall	The notification, which shall be submitted not later than July 26, 2005, shall provide the information specified in paragraph (L)(5) of this rule.	3704.03(E)	Fed	1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMII Chemical Production	Yes	Yes	No
3745-21-13	(L)(2)	shall	...has an initial startup date on or after May 27, 2005 shall notify the appropriate Ohio EPA district office or local air agency in writing that the reactor or distillation unit is subject to this rule.	3704.03(E)	Fed	1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMII Chemical Production	Yes	Yes	No
3745-21-13	(L)(2)	shall	The notification, which shall be submitted not later than either the date of initial startup of the reactor or distillation unit or July 26, 2005 (whichever is later), shall provide the information specified in paragraph (L)(5) of this rule.	3704.03(E)	Fed	1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMII Chemical Production	Yes	Yes	No
3745-21-13	(L)(2)	shall	The notification, which shall be submitted not later than either the date of initial startup of the reactor or distillation unit or July 26, 2005 (whichever is later), shall provide the information specified in paragraph (L)(5) of this rule.	3704.03(E)	Fed	1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMII Chemical Production	Yes	Yes	No
3745-21-13	(L)(3)	shall	...has an initial startup date before August 25, 2008 shall notify the appropriate Ohio EPA district office or local air agency in writing that the reactor or distillation operation is subject to this rule.	3704.03(E)	Fed	1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMII Chemical Production	Yes	Yes	No
3745-21-13	(L)(3)	shall	The notification, which shall be submitted not later than October 24, 2008, shall provide the information specified in paragraph (L)(5) of this rule.	3704.03(E)	Fed	1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMII Chemical Production	Yes	Yes	No
3745-21-13	(L)(3)	shall	The notification, which shall be submitted not later than October 24, 2008, shall provide the information specified in paragraph (L)(5) of this rule.	3704.03(E)	Fed	1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMII Chemical Production	Yes	Yes	No
3745-21-13	(L)(4)	shall	...has an initial startup date on or after August 25, 2008 shall notify the appropriate Ohio EPA district office or local air agency in writing that the reactor or distillation unit is subject to this rule.	3704.03(E)	Fed	1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMII Chemical Production	Yes	Yes	No

3745-21-13	(L)(4)	shall	The notification, which shall be submitted not later than either the date of initial startup of the reactor or distillation unit or October 24, 2008 (whichever is later), shall provide the information specified in paragraph (L)(5) of this rule.	3704.03(E)	Fed	1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCM I Chemical Production	Yes	Yes	No
3745-21-13	(L)(4)	shall	The notification, which shall be submitted not later than either the date of initial startup of the reactor or distillation unit or October 24, 2008 (whichever is later), shall provide the information specified in paragraph (L)(5) of this rule.	3704.03(E)	Fed	1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCM I Chemical Production	Yes	Yes	No
3745-21-13	(L)(5)	shall	The notification required in paragraphs (L)(1) to (L)(4) of this rule shall include the following information:	3704.03(E)	Fed	1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCM I Chemical Production	Yes	Yes	No
3745-21-13	(L)(5)(ii)	shall	Such certification shall include all compliance certification requirements under paragraph (K)(2) of this rule.	3704.03(E)	Fed	1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCM I Chemical Production	Yes	Yes	No
3745-21-13	(D)(1)	require	Group 1 process vents require control for VOC, and group 2A and group 2B process vents do not.	3704.03(E)	Fed	1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCM I Chemical Production	Yes	Yes	No
3745-21-13	(D)(1)	require	Group 1 process vents require monitoring of control devices, except for boilers or process heaters specified under paragraphs (F)(1)(b) and (F)(1)(c) of this rule, and require monitoring of bypass lines.	3704.03(E)	Fed	1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCM I Chemical Production	Yes	Yes	No
3745-21-13	(D)(1)	require	Group 1 process vents require monitoring of control devices, except for boilers or process heaters specified under paragraphs (F)(1)(b) and (F)(1)(c) of this rule, and require monitoring of bypass lines.	3704.03(E)	Fed	1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCM I Chemical Production	Yes	Yes	No
3745-21-13	(D)(1)	require	Group 2A process vents require monitoring of the associated recovery systems, and group 2B process vents do not require any monitoring.	3704.03(E)	Fed	1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCM I Chemical Production	Yes	Yes	No
3745-21-13	(D)(1)	require	Group 2A process vents require monitoring of the associated recovery systems, and group 2B process vents do not require any monitoring.	3704.03(E)	Fed	1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCM I Chemical Production	Yes	Yes	No
3745-21-13	(D)(2)	require	Group 1 process vents that are halogenated process vents being discharged to a combustion device require halogen reduction control (either a pre-combustion or post-combustion).	3704.03(E)	Fed	1993 CTG - Control of Volatile Organic CompouG2163:G2170nd Emissions from Reactors and Distillation units Employed in SOCM I Chemical Production	Yes	Yes	No
3745-21-13	(F)(1)(h)(i)(b)	required	The notice shall be submitted to the transferee initially and whenever there is a change in the required control.	3704.03(E)	Fed	1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCM I Chemical Production	Yes	Yes	No
3745-21-13	(G)(6)	required	Additional testing of the process vent, control device, or recovery device of a reactor or distillation unit in accordance with paragraph (I) of this rule may be required by the director to ensure continued compliance.	3704.03(E)	Fed	1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCM I Chemical Production	Yes	Yes	No
3745-21-13	(H)(4)(a)(iii)(c)	require	The plan shall require determination of gas stream flow by a method that will at least provide a value for either a representative or the highest gas stream flow anticipated...	3704.03(E)	Fed	1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCM I Chemical Production	Yes	Yes	No
3745-21-13	(H)(7)(a)	required	Compliance testing is not required to be conducted over the entire range of permitted parameter values.	3704.03(E)	Fed	1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCM I Chemical Production	Yes	Yes	No
3745-21-13	(H)(7)(b)	required	TRE determination testing or vent stream measurements are not required to be conducted over the entire range of permitted parameter values.	3704.03(E)	Fed	1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCM I Chemical Production	Yes	Yes	No

3745-21-13	(H)(7)	required	In order to establish the range, the information specified under paragraph (K)(2)(c) of this rule shall be submitted as part of the initial compliance status report required under paragraph (K)(2) of this rule.	3704.03(E)	Fed	1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMII Chemical Production	Yes	Yes	No
3745-21-13	(H)(8)(a)	required	...request approval to employ monitoring devices and parameters other than required by this rule shall submit within an application for a permit or modification of a permit...	3704.03(E)	Fed	1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMII Chemical Production	Yes	Yes	No
3745-21-13	(H)(8)(a)(ii)	required	...establish a range for the monitored parameter as part of the initial compliance status report required in paragraph (K)(2) of this rule.	3704.03(E)	Fed	1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMII Chemical Production	Yes	Yes	No
3745-21-13	(I)(2)	required	No initial compliance test is required for a boiler or process heater used to comply with paragraph (F)(1)(b) or (F)(1)(c) of this rule.	3704.03(E)	Fed	1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMII Chemical Production	Yes	Yes	No
3745-21-13	(I)(8)	required	An initial compliance test is not required for the following: (a) A control device for which a test was conducted...	3704.03(E)	Fed	1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMII Chemical Production	Yes	Yes	No
3745-21-13	(I)(9)	required	An initial TRE determination test is not required for a recovery device for which a test was conducted for determining compliance with a regulation promulgated by the Ohio EPA or USEPA...	3704.03(E)	Fed	1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMII Chemical Production	Yes	Yes	No
3745-21-13	(K)(2)(b)	required	For additional tests and measurements performed for the same kind of process vent using the same test method, the test results or measurement results shall be submitted, but a complete test report is not required .	3704.03(E)	Fed	1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMII Chemical Production	Yes	Yes	No
3745-21-13	(K)(2)(c)	required	...raw data sheets for field sampling, raw data sheets for field and laboratory analyses, documentation of calculations, and any other information required by the test method.	3704.03(E)	Fed	1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMII Chemical Production	Yes	Yes	No
3745-21-13	(K)(2)(d)	required	For each monitored parameter for which a range is required to be established under paragraph (H)(7)...	3704.03(E)	Fed	1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMII Chemical Production	Yes	Yes	No
3745-21-13	(K)(4)(a)(ii)	required	The results of the redetermination of the flow rate, VOC concentration, and TRE index value required under paragraph (D)(6)...	3704.03(E)	Fed	1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMII Chemical Production	Yes	Yes	No
3745-21-13	(K)(4)(b)(ii)	required	The results of the determination or redetermination of the TRE index value required under paragraph (D)(6)...	3704.03(E)	Fed	1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMII Chemical Production	Yes	Yes	No
3745-21-13	(K)(4)(c)(ii)	required	The results of the determination or redetermination of the TRE index value required under paragraph (D)(6)	3704.03(E)	Fed	1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMII Chemical Production	Yes	Yes	No
3745-21-13	(K)(4)(e)	required	The owner or operator is not required to submit a report of a process change if one of the following conditions are met:	3704.03(E)	Fed	1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMII Chemical Production	Yes	Yes	No
3745-21-13	(L)(5)	required	The notification required in paragraphs (L)(1) to (L)(4) of this rule shall include the following information:	3704.03(E)	Fed	1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMII Chemical Production	Yes	Yes	No
3745-21-13	(L)(5)(e)(ii)	required	An application for an operating permit or permit-to-install and operate is not required provided the subject process is operating under an effective permit and certifies compliance.	3704.03(E)	Fed	1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMII Chemical Production	Yes	Yes	No

3745-21-13	(F)(1)(h)(ii)	may not	The owner or operator may not transfer the gas stream unless the transferee has submitted to the director a written certification that the transferee will manage...	3704.03(E)	Fed	1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMI Chemical Production	Yes	Yes	No
3745-21-13	(F)(1)(h)(ii)	may not	Upon expiration of the notice period, the owner or operator may not transfer the gas stream to the transferee.	3704.03(E)	Fed	1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMI Chemical Production	Yes	Yes	No
3745-21-14	(A)(1)	shall	Except as otherwise provided in paragraphs (A)(4) and (A)(5) of this rule, paragraph (C) of this rule shall apply to any facility that has a batch process train associated with any of the following SIC codes...	3704.03(E)	Fed	1990 ACT - Control of Volatile Organic Compound Emissions from Process Vents in Batch Operations	Yes	Yes	No
3745-21-14	(A)(2)	shall	For the purposes of paragraph (A)(1) of this rule, a source shall be considered regulated by a paragraph, rule or subpart if the source is subject to the limits of that paragraph, rule, or subpart.	3704.03(E)	Fed	1990 ACT - Control of Volatile Organic Compound Emissions from Process Vents in Batch Operations	Yes	Yes	No
3745-21-14	(C)(2)	shall not	Paragraphs (D) to (J) of this rule shall not apply to the following: (a) Any emissions unit included...	3704.03(E)	Fed	1990 ACT - Control of Volatile Organic Compound Emissions from Process Vents in Batch Operations	Yes	Yes	No
3745-21-14	(C)(3)(a)	shall	...the owner or operator shall calculate applicability in accordance with paragraph (C)(4) of this rule for both the individual unit operation and the batch process train containing the unit operation.	3704.03(E)	Fed	1990 ACT - Control of Volatile Organic Compound Emissions from Process Vents in Batch Operations	Yes	Yes	No
3745-21-14	(C)(4)	shall	The applicability equations in paragraph (C)(5) of this rule, which require the calculation of uncontrolled total annual mass emissions and flow rate value, shall be used to determine whether a unit operation...	3704.03(E)	Fed	1990 ACT - Control of Volatile Organic Compound Emissions from Process Vents in Batch Operations	Yes	Yes	No
3745-21-14	(C)(4)	shall	The applicability equation shall be applied to the following: (a) Any unit operation...	3704.03(E)	Fed	1990 ACT - Control of Volatile Organic Compound Emissions from Process Vents in Batch Operations	Yes	Yes	No
3745-21-14	(C)(4)(a)	shall	...no applicability analysis shall be performed for any unit operation with a VOC concentration of less than or equal to five hundred ppmv.	3704.03(E)	Fed	1990 ACT - Control of Volatile Organic Compound Emissions from Process Vents in Batch Operations	Yes	Yes	No
3745-21-14	(C)(4)(b)	shall	Any unit operation with uncontrolled total annual mass emissions exceeding five hundred pounds per year, regardless of VOC concentration, shall be included in the aggregate applicability analysis.	3704.03(E)	Fed	1990 ACT - Control of Volatile Organic Compound Emissions from Process Vents in Batch Operations	Yes	Yes	No
3745-21-14	(C)(5)(c)	shall	Weighted average volatility shall be calculated as follows:	3704.03(E)	Fed	1990 ACT - Control of Volatile Organic Compound Emissions from Process Vents in Batch Operations	Yes	Yes	No
3745-21-14	(C)(5)(d)	shall	For purposes of determining applicability, calculated applicability flow rate values shall be determined as follows:	3704.03(E)	Fed	1990 ACT - Control of Volatile Organic Compound Emissions from Process Vents in Batch Operations	Yes	Yes	No
3745-21-14	(C)(5)(d)(i)	shall	Process vents with a WAV that is less than or equal to seventy-five mmHg at twenty degrees Celsius (sixty-eight degrees Fahrenheit), shall use the following equation:	3704.03(E)	Fed	1990 ACT - Control of Volatile Organic Compound Emissions from Process Vents in Batch Operations	Yes	Yes	No
3745-21-14	(C)(5)(d)(ii)	shall	Process vents with a WAV that is greater than seventy-five mmHg, but less than or equal to one hundred fifty mmHg at twenty degrees Celsius (sixty-eight degrees Fahrenheit), shall use the following equation:	3704.03(E)	Fed	1990 ACT - Control of Volatile Organic Compound Emissions from Process Vents in Batch Operations	Yes	Yes	No
3745-21-14	(C)(5)(d)(iii)	shall	Process vents a WAV that is greater than one hundred fifty mmHg at twenty degrees Celsius (sixty-eight degrees Fahrenheit), shall use the following equation:	3704.03(E)	Fed	1990 ACT - Control of Volatile Organic Compound Emissions from Process Vents in Batch Operations	Yes	Yes	No
3745-21-14	(D)	shall	The controls set forth in this paragraph shall apply to process vents of batch process trains and unit operations within batch process trains (batch operations).	3704.03(E)	Fed	1990 ACT - Control of Volatile Organic Compound Emissions from Process Vents in Batch Operations	Yes	Yes	No
3745-21-14	(D)(1)	shall	...the flow rate value calculated by the applicability equations contained in paragraph (C)(5) of this rule, shall reduce uncontrolled VOC emissions from such unit operation by an overall efficiency...	3704.03(E)	Fed	1990 ACT - Control of Volatile Organic Compound Emissions from Process Vents in Batch Operations	Yes	Yes	No
3745-21-14	(D)(2)	shall	...the flow rate value calculated by the applicability equations contained in paragraph (C)(5) of this rule, shall reduce uncontrolled VOC emissions from such batch process train by an overall efficiency...	3704.03(E)	Fed	1990 ACT - Control of Volatile Organic Compound Emissions from Process Vents in Batch Operations	Yes	Yes	No
3745-21-14	(D)(3)	shall	If a boiler or process heater is used to comply with paragraph (D)(1) or (D)(2) of this rule, the vent stream shall be introduced into the flame zone of the boiler or process heater.	3704.03(E)	Fed	1990 ACT - Control of Volatile Organic Compound Emissions from Process Vents in Batch Operations	Yes	Yes	No

3745-21-14	(D)(4)	shall	If a flare is used to comply with paragraph (D)(1) or (D)(2) of this rule, the flare shall comply with paragraph (DD)(10)(d) of rule 3745-21-09 of the Administrative Code.	3704.03(E)	Fed	1990 ACT - Control of Volatile Organic Compound Emissions from Process Vents in Batch Operations	Yes	Yes	No
3745-21-14	(D)(4)	shall not	...paragraph (DD)(10)(d) of rule 3745-21-09 of the Administrative Code shall not apply during such emergency relief discharge.	3704.03(E)	Fed	1990 ACT - Control of Volatile Organic Compound Emissions from Process Vents in Batch Operations	Yes	Yes	No
3745-21-14	(E)(1)	shall	Uncontrolled total annual mass emissions shall be determined by the following methods:	3704.03(E)	Fed	1990 ACT - Control of Volatile Organic Compound Emissions from Process Vents in Batch Operations	Yes	Yes	No
3745-21-14	(E)(1)(b)(i)	shall	Engineering estimates of the uncontrolled VOC emissions shall be based upon accepted chemical engineering principles, measurable process parameters, or physical or chemical laws and their properties.	3704.03(E)	Fed	1990 ACT - Control of Volatile Organic Compound Emissions from Process Vents in Batch Operations	Yes	Yes	No
3745-21-14	(E)(1)(b)(ii)	shall	All data, assumptions and procedures used in any engineering estimate shall be documented.	3704.03(E)	Fed	1990 ACT - Control of Volatile Organic Compound Emissions from Process Vents in Batch Operations	Yes	Yes	No
3745-21-14	(E)(2)	shall	Average flow rate shall be determined by any of the following methods: (a) Direct process vent flow rate...	3704.03(E)	Fed	1990 ACT - Control of Volatile Organic Compound Emissions from Process Vents in Batch Operations	Yes	Yes	No
3745-21-14	(E)(2)(b)	shall	Average flow rate for a unit operation having multiple emission events or batch process trains shall be the weighted average flow rate, calculated as follows:	3704.03(E)	Fed	1990 ACT - Control of Volatile Organic Compound Emissions from Process Vents in Batch Operations	Yes	Yes	No
3745-21-14	(E)(3)	shall	For purposes of determining the average flow rate for steam vacuuming systems, the steam flow shall be included in the average flow rate calculation.	3704.03(E)	Fed	1990 ACT - Control of Volatile Organic Compound Emissions from Process Vents in Batch Operations	Yes	Yes	No
3745-21-14	(F)(1)	shall	Upon the director's request, the owner or operator of a batch process train or unit operation within a batch process train shall conduct testing to demonstrate compliance with paragraph (D) this rule.	3704.03(E)	Fed	1990 ACT - Control of Volatile Organic Compound Emissions from Process Vents in Batch Operations	Yes	Yes	No
3745-21-14	(F)(1)	shall	The owner or operator shall , at the owner or operator's own expense, conduct such tests in accordance with the applicable test methods and procedures specified in paragraphs (F)(4) to (F)(6) of this rule.	3704.03(E)	Fed	1990 ACT - Control of Volatile Organic Compound Emissions from Process Vents in Batch Operations	Yes	Yes	No
3745-21-14	(F)(2)	shall	Notwithstanding paragraph (F)(1) of this rule, flares and process boilers used to comply with paragraph (D) of this rule shall be exempt from compliance testing requirements.	3704.03(E)	Fed	1990 ACT - Control of Volatile Organic Compound Emissions from Process Vents in Batch Operations	Yes	Yes	No
3745-21-14	(F)(3)	shall	When a flare is used to comply with paragraph (D) of this rule, the flare shall comply with paragraph (DD)(10)(d) of rule 3745-21-09 of the Administrative Code.	3704.03(E)	Fed	1990 ACT - Control of Volatile Organic Compound Emissions from Process Vents in Batch Operations	Yes	Yes	No
3745-21-14	(F)(4)	shall	...due to a VOC concentration of less than or equal to five hundred ppmv (unit operation) shall demonstrate, upon the director's request, the absence of oversized gas moving equipment in any manifold.	3704.03(E)	Fed	1990 ACT - Control of Volatile Organic Compound Emissions from Process Vents in Batch Operations	Yes	Yes	No
3745-21-14	(F)(4)	shall	Gas moving equipment shall be considered oversized if the equipment exceeds the maximum requirements of the exhaust flow rate by more than thirty per cent.	3704.03(E)	Fed	1990 ACT - Control of Volatile Organic Compound Emissions from Process Vents in Batch Operations	Yes	Yes	No
3745-21-14	(F)(5)	shall	For the purpose of demonstrating compliance with paragraph (D) of this rule, the batch process train or unit operation shall be run at representative operating conditions and flow rates during any compliance test.	3704.03(E)	Fed	1990 ACT - Control of Volatile Organic Compound Emissions from Process Vents in Batch Operations	Yes	Yes	No
3745-21-14	(F)(6)	shall	The following methods in 40 CFR part 60, appendix A shall be used to demonstrate compliance with the reduction efficiency requirement set forth in paragraph (D) of this rule:	3704.03(E)	Fed	1990 ACT - Control of Volatile Organic Compound Emissions from Process Vents in Batch Operations	Yes	Yes	No
3745-21-14	(F)(6)(a)	shall	The control device inlet sampling site for determination of vent stream VOC composition reduction efficiency shall be prior to the control device and after the control device.	3704.03(E)	Fed	1990 ACT - Control of Volatile Organic Compound Emissions from Process Vents in Batch Operations	Yes	Yes	No
3745-21-14	(F)(6)(b)	shall	USEPA method 2, 2A, 2B, 2C, or 2D, as appropriate, for determination of gas stream volumetric flow rate flow measurements, which shall be taken continuously.	3704.03(E)	Fed	1990 ACT - Control of Volatile Organic Compound Emissions from Process Vents in Batch Operations	Yes	Yes	No
3745-21-14	(F)(6)(c)(i)	shall	The sampling time for each run shall be as follows:	3704.03(E)	Fed	1990 ACT - Control of Volatile Organic Compound Emissions from Process Vents in Batch Operations	Yes	Yes	No
3745-21-14	(F)(6)(c)(i)(a)	shall	For batch cycles less than eight hours in length, readings shall be taken continuously over the entire length of the batch cycle with a maximum of fifteen-minute intervals between measurements if using USEPA method 25A.	3704.03(E)	Fed	1990 ACT - Control of Volatile Organic Compound Emissions from Process Vents in Batch Operations	Yes	Yes	No

3745-21-14	(F)(6)(c)(i)(a)	shall	If using USEPA method 18, readings shall be taken continuously with a maximum of fifteen-minute intervals between measurements throughout the batch cycle...	3704.03(E)	Fed	1990 ACT - Control of Volatile Organic Compound Emissions from Process Vents in Batch Operations	Yes	Yes	No
3745-21-14	(F)(6)(c)(i)(a)	shall	...batch cycle unless it becomes necessary to change the impinger train, in which case a thirty-minute interval shall not be exceeded.	3704.03(E)	Fed	1990 ACT - Control of Volatile Organic Compound Emissions from Process Vents in Batch Operations	Yes	Yes	No
3745-21-14	(F)(6)(c)(i)(b)	shall	For each emission event of less than four hours in duration, the owner or operator shall test continuously over the entire emission event as set forth in paragraph (F)(6)(c)(i)(a) of this rule.	3704.03(E)	Fed	1990 ACT - Control of Volatile Organic Compound Emissions from Process Vents in Batch Operations	Yes	Yes	No
3745-21-14	(F)(6)(c)(i)(b)	shall	For each emission event of greater than four hours in duration, the owner or operator shall elect either to perform a minimum of three one hour test runs during the emission event...	3704.03(E)	Fed	1990 ACT - Control of Volatile Organic Compound Emissions from Process Vents in Batch Operations	Yes	Yes	No
3745-21-14	(F)(6)(c)(i)(b)	shall	...the emission event or shall test continuously over the entire emission event within each unit operation in the batch process train.	3704.03(E)	Fed	1990 ACT - Control of Volatile Organic Compound Emissions from Process Vents in Batch Operations	Yes	Yes	No
3745-21-14	(F)(6)(c)(i)(b)	shall	...the owner or operator electing to rely on this option shall develop an emission profile for the entire emission event.	3704.03(E)	Fed	1990 ACT - Control of Volatile Organic Compound Emissions from Process Vents in Batch Operations	Yes	Yes	No
3745-21-14	(F)(6)(c)(i)(b)	shall	Such emission profile shall be based upon either process knowledge or test data collected.	3704.03(E)	Fed	1990 ACT - Control of Volatile Organic Compound Emissions from Process Vents in Batch Operations	Yes	Yes	No
3745-21-14	(F)(6)(c)(ii)	shall	The mass emission rate from the process vent or inlet to the control device shall be determined by combining concentration and flow rate measurements...	3704.03(E)	Fed	1990 ACT - Control of Volatile Organic Compound Emissions from Process Vents in Batch Operations	Yes	Yes	No
3745-21-14	(F)(6)(c)(iii)	shall	The mass emission rate from the control device outlet shall be obtained by combining concentration and flow rate measurements...	3704.03(E)	Fed	1990 ACT - Control of Volatile Organic Compound Emissions from Process Vents in Batch Operations	Yes	Yes	No
3745-21-14	(F)(6)(c)(iv)	shall	The efficiency of the control device shall be determined by integrating the mass emission rates obtained in paragraphs (F)(6)(c)(ii)...	3704.03(E)	Fed	1990 ACT - Control of Volatile Organic Compound Emissions from Process Vents in Batch Operations	Yes	Yes	No
3745-21-14	(F)(7)	shall	Such method or procedures shall be approved by the director and USEPA in writing and shall be included as federally enforceable permit conditions.	3704.03(E)	Fed	1990 ACT - Control of Volatile Organic Compound Emissions from Process Vents in Batch Operations	Yes	Yes	Yes
3745-21-14	(F)(7)	shall	Such method or procedures shall be approved by the director and USEPA in writing and shall be included as federally enforceable permit conditions.	3704.03(E)	Fed	1990 ACT - Control of Volatile Organic Compound Emissions from Process Vents in Batch Operations	Yes	Yes	No
3745-21-14	(F)(9)	shall	...the owner or operator shall establish the operating limits (operating parameter values) for the monitoring devices required under paragraph (G) of this rule.	3704.03(E)	Fed	1990 ACT - Control of Volatile Organic Compound Emissions from Process Vents in Batch Operations	Yes	Yes	No
3745-21-14	(G)(1)	shall	Every owner or operator using an incinerator to comply with paragraph (D) of this rule shall install, calibrate, maintain and operate, according to manufacturer's specifications...	3704.03(E)	Fed	1990 ACT - Control of Volatile Organic Compound Emissions from Process Vents in Batch Operations	Yes	Yes	No
3745-21-14	(G)(1)(a)(i)	shall	Temperature monitoring devices shall be installed in the gas stream immediately before (upstream) and after (downstream) the catalyst bed.	3704.03(E)	Fed	1990 ACT - Control of Volatile Organic Compound Emissions from Process Vents in Batch Operations	Yes	Yes	No
3745-21-14	(G)(1)(a)(ii)	shall	...the temperature monitoring device shall be located upstream of the catalyst bed only.	3704.03(E)	Fed	1990 ACT - Control of Volatile Organic Compound Emissions from Process Vents in Batch Operations	Yes	Yes	No
3745-21-14	(G)(1)(b)	shall	Where an incinerator other than a catalytic incinerator is used, a temperature monitoring device shall be installed in the combustion chamber.	3704.03(E)	Fed	1990 ACT - Control of Volatile Organic Compound Emissions from Process Vents in Batch Operations	Yes	Yes	No
3745-21-14	(G)(2)	shall	The owner or operator using a flare to comply with paragraph (D) of this rule shall install, calibrate, maintain and operate, according to manufacturer's specifications...	3704.03(E)	Fed	1990 ACT - Control of Volatile Organic Compound Emissions from Process Vents in Batch Operations	Yes	Yes	No
3745-21-14	(G)(3)	shall	Every owner or operator using a scrubber to comply with paragraph (D) of this rule shall install, calibrate, maintain, and operate, according to manufacturer's specifications, either of the following:	3704.03(E)	Fed	1990 ACT - Control of Volatile Organic Compound Emissions from Process Vents in Batch Operations	Yes	Yes	No
3745-21-14	(G)(4)	shall	Every owner or operator using a condenser to comply with paragraph (D) of this rule shall install, calibrate, maintain, and operate, according to manufacturer's specifications, either of the following:	3704.03(E)	Fed	1990 ACT - Control of Volatile Organic Compound Emissions from Process Vents in Batch Operations	Yes	Yes	No

3745-21-14	(G)(5)	shall	Every owner or operator using a carbon adsorber to comply with paragraph (D) of this rule shall install, calibrate, maintain, and operate, according to the manufacturer's specifications, either of the following:	3704.03(E)	Fed	1990 ACT - Control of Volatile Organic Compound Emissions from Process Vents in Batch Operations	Yes	Yes	No
3745-21-14	(G)(6)	shall	Every owner or operator using a boiler or process heater with a design heat input capacity less than one hundred fifty million Btu per hour that is to comply with paragraph (D) of this rule shall install, calibrate, maintain, and operate, according to the manufacturer's specifications...	3704.03(E)	Fed	1990 ACT - Control of Volatile Organic Compound Emissions from Process Vents in Batch Operations	Yes	Yes	No
3745-21-14	(G)(7)	shall	Every owner or operator of a process vent shall be permitted to monitor by an alternative method or may monitor parameters other than those listed in paragraphs (G)(1) to (G)(6) of this rule...	3704.03(E)	Fed	1990 ACT - Control of Volatile Organic Compound Emissions from Process Vents in Batch Operations	Yes	Yes	No
3745-21-14	(G)(7)	shall	Such alternative method or parameters shall be contained in a permit pertaining to the process vent as federally enforceable permit conditions.	3704.03(E)	Fed	1990 ACT - Control of Volatile Organic Compound Emissions from Process Vents in Batch Operations	Yes	Yes	No
3745-21-14	(G)(8)	shall	In accordance with paragraph (G)(1)(a)(ii) of this rule, for an owner or operator that elects to monitor the upstream temperature only of the catalytic incinerator, an inspection and maintenance plan shall be developed...	3704.03(E)	Fed	1990 ACT - Control of Volatile Organic Compound Emissions from Process Vents in Batch Operations	Yes	Yes	No
3745-21-14	(G)(8)	shall	At a minimum, the plan shall include the following: (a) Annual sampling...	3704.03(E)	Fed	1990 ACT - Control of Volatile Organic Compound Emissions from Process Vents in Batch Operations	Yes	Yes	No
3745-21-14	(G)(8)(c)	shall	If problems are found, corrective action consistent with the manufacturer's recommendations shall be implemented and a new performance test to determine destruction efficiency...	3704.03(E)	Fed	1990 ACT - Control of Volatile Organic Compound Emissions from Process Vents in Batch Operations	Yes	Yes	No
3745-21-14	(G)(8)(c)	shall	...a new performance test to determine destruction efficiency in accordance with paragraph (C) of rule 3745-21-10 of the Administrative Code shall be conducted.	3704.03(E)	Fed	1990 ACT - Control of Volatile Organic Compound Emissions from Process Vents in Batch Operations	Yes	Yes	No
3745-21-14	(H)(1)	shall	Every owner or operator of a unit operation or batch process train that is exempt from the control per paragraph (C)(3)(a) or (C)(3)(b) of this rule shall keep records of the uncontrolled total annual mass emissions...	3704.03(E)	Fed	1990 ACT - Control of Volatile Organic Compound Emissions from Process Vents in Batch Operations	Yes	Yes	No
3745-21-14	(H)(1)	shall	The documentation shall include the engineering calculations, any measurements made in accordance with paragraph (F) of this rule...	3704.03(E)	Fed	1990 ACT - Control of Volatile Organic Compound Emissions from Process Vents in Batch Operations	Yes	Yes	No
3745-21-14	(H)(2)	shall	Every owner or operator of a unit operation or batch process train that is exempt from control per paragraph (C)(4) of this rule shall keep the following records:	3704.03(E)	Fed	1990 ACT - Control of Volatile Organic Compound Emissions from Process Vents in Batch Operations	Yes	Yes	No
3745-21-14	(H)(2)(a)	shall	The documentation shall include any engineering calculations, any measurements made in accordance with paragraph (F) of this rule...	3704.03(E)	Fed	1990 ACT - Control of Volatile Organic Compound Emissions from Process Vents in Batch Operations	Yes	Yes	No
3745-21-14	(H)(3)	shall	Every owner or operator of a batch process train or unit operation subject to paragraph (D) of this rule shall keep records of the following parameters required to be monitored under paragraph (G) of this rule:	3704.03(E)	Fed	1990 ACT - Control of Volatile Organic Compound Emissions from Process Vents in Batch Operations	Yes	Yes	No
3745-21-14	(H)(4)	shall	Every owner or operator of a unit operation claiming a vent stream concentration exemption level, as set forth in paragraph (C)(4)(a) of this rule, shall maintain records to indicate the vent stream concentration is less than or equal to five hundred ppmv...	3704.03(E)	Fed	1990 ACT - Control of Volatile Organic Compound Emissions from Process Vents in Batch Operations	Yes	Yes	No
3745-21-14	(H)(4)	shall	...less than or equal to five hundred ppmv, and shall notify the director in writing if the vent stream concentration at any time equals or exceeds five hundred ppmv, within sixty days after such event.	3704.03(E)	Fed	1990 ACT - Control of Volatile Organic Compound Emissions from Process Vents in Batch Operations	Yes	Yes	No
3745-21-14	(H)(4)	shall	Such notification shall include a copy of all records of such event.	3704.03(E)	Fed	1990 ACT - Control of Volatile Organic Compound Emissions from Process Vents in Batch Operations	Yes	Yes	No
3745-21-14	(H)(5)	shall	Any alternative recordkeeping shall be approved by the director and USEPA in writing and shall be contained in the permit pertaining to the batch process train or unit operation as federally enforceable permit conditions.	3704.03(E)	Fed	1990 ACT - Control of Volatile Organic Compound Emissions from Process Vents in Batch Operations	Yes	Yes	Yes
3745-21-14	(H)(5)	shall	Any alternative recordkeeping shall be approved by the director and USEPA in writing and shall be contained in the permit pertaining to the batch process train or unit operation as federally enforceable permit conditions.	3704.03(E)	Fed	1990 ACT - Control of Volatile Organic Compound Emissions from Process Vents in Batch Operations	Yes	Yes	No
3745-21-14	(H)(6)	shall	The owner or operator of a unit operation or batch process train that is exempt from paragraph (D) of this rule shall notify the director in writing if the uncontrolled total annual mass emissions...	3704.03(E)	Fed	1990 ACT - Control of Volatile Organic Compound Emissions from Process Vents in Batch Operations	Yes	Yes	No

3745-21-14	(H)(6)	shall	Such notification shall include a copy of all records of such event.	3704.03(E)	Fed	1990 ACT - Control of Volatile Organic Compound Emissions from Process Vents in Batch Operations	Yes	Yes	No
3745-21-14	(H)(7)	shall	Every owner or operator of a batch process train or unit operation required to keep records under this rule shall maintain such records at the facility for a minimum period of five years...	3704.03(E)	Fed	1990 ACT - Control of Volatile Organic Compound Emissions from Process Vents in Batch Operations	Yes	Yes	No
3745-21-14	(H)(7)	shall	...this rule shall maintain such records at the facility for a minimum period of five years and shall make all such records available to the director upon request.	3704.03(E)	Fed	1990 ACT - Control of Volatile Organic Compound Emissions from Process Vents in Batch Operations	Yes	Yes	No
3745-21-14	(I)(2)	shall	Each owner or operator of a batch process train or unit operation subject to this rule shall submit an initial compliance status report within sixty calendar days after the compliance dates specified in paragraph (I) of this rule as follows:	3704.03(E)	Fed	1990 ACT - Control of Volatile Organic Compound Emissions from Process Vents in Batch Operations	Yes	Yes	No
3745-21-14	(I)(2)(a)	shall	The initial compliance status report shall include the results of exemption, process vent determinations, compliance tests, values of monitored parameters established during compliance tests...	3704.03(E)	Fed	1990 ACT - Control of Volatile Organic Compound Emissions from Process Vents in Batch Operations	Yes	Yes	No
3745-21-14	(I)(2)(b)	shall	For compliance tests and process vent determinations based on measurements, the initial compliance status report shall include one complete test report for each test method used for a particular kind of process vent.	3704.03(E)	Fed	1990 ACT - Control of Volatile Organic Compound Emissions from Process Vents in Batch Operations	Yes	Yes	No
3745-21-14	(I)(2)(b)	shall	...the same kind of process vent using the same test method, the test results or measurement results shall be submitted, but a complete test report is not required.	3704.03(E)	Fed	1990 ACT - Control of Volatile Organic Compound Emissions from Process Vents in Batch Operations	Yes	Yes	No
3745-21-14	(I)(2)(c)	shall	A complete test report shall include a brief process description, sampling site description, description of sampling and analysis procedures and any modifications to standard procedures...	3704.03(E)	Fed	1990 ACT - Control of Volatile Organic Compound Emissions from Process Vents in Batch Operations	Yes	Yes	No
3745-21-14	(I)(2)(d)	shall	For each monitored parameter for which a range is required to be established under paragraph (F)(9) of this rule, the compliance status report shall include the following information:	3704.03(E)	Fed	1990 ACT - Control of Volatile Organic Compound Emissions from Process Vents in Batch Operations	Yes	Yes	No
3745-21-14	(I)(3)	shall	The owner or operator of a batch process train or unit operation subject to this rule shall submit semiannual compliance status reports no later than sixty calendar days after the end of each six-month period...	3704.03(E)	Fed	1990 ACT - Control of Volatile Organic Compound Emissions from Process Vents in Batch Operations	Yes	Yes	No
3745-21-14	(I)(3)	shall	The first report shall be submitted no later than eight months after the date the initial compliance status report is due and shall cover the six-month period beginning on the date the initial compliance status report is due.	3704.03(E)	Fed	1990 ACT - Control of Volatile Organic Compound Emissions from Process Vents in Batch Operations	Yes	Yes	No
3745-21-14	(I)(3)	shall	The first report shall be submitted no later than eight months after the date the initial compliance status report is due and shall cover the six-month period beginning on the date the initial compliance status report is due.	3704.03(E)	Fed	1990 ACT - Control of Volatile Organic Compound Emissions from Process Vents in Batch Operations	Yes	Yes	No
3745-21-14	(I)(3)	shall	The semiannual compliance status reports shall contain the following information:	3704.03(E)	Fed	1990 ACT - Control of Volatile Organic Compound Emissions from Process Vents in Batch Operations	Yes	Yes	No
3745-21-14	(I)(3)(a)	shall	For a process vent equipped with a control device to meet paragraph (D) of this rule, the semiannual compliance status reports shall include the following recorded information:	3704.03(E)	Fed	1990 ACT - Control of Volatile Organic Compound Emissions from Process Vents in Batch Operations	Yes	Yes	No
3745-21-14	(I)(3)(b)	shall	...the semiannual reporting period after the initial compliance status report has been submitted, the semiannual compliance status report shall include the data recorded pursuant to paragraphs (H) of this rule.	3704.03(E)	Fed	1990 ACT - Control of Volatile Organic Compound Emissions from Process Vents in Batch Operations	Yes	Yes	No
3745-21-14	(J)(1)	shall	Except where otherwise specified within this rule, any batch process train that is subject to this rule shall comply with this rule by no later than the following dates:	3704.03(E)	Fed	1990 ACT - Control of Volatile Organic Compound Emissions from Process Vents in Batch Operations	Yes	Yes	No
3745-21-14	(J)(3)	shall	Until the date of first startup of the installed control device, the batch process train or unit operation shall continue to meet either the exemption level or the criteria pertaining to applicability equations.	3704.03(E)	Fed	1990 ACT - Control of Volatile Organic Compound Emissions from Process Vents in Batch Operations	Yes	Yes	No
3745-21-14	(J)(4)	shall	For any control device that is used to comply with paragraph (D) of this rule, the owner or operator shall demonstrate compliance by testing the control device in accordance with paragraph (F) of this rule within ninety days after the compliance date.	3704.03(E)	Fed	1990 ACT - Control of Volatile Organic Compound Emissions from Process Vents in Batch Operations	Yes	Yes	No
3745-21-14	(K)(1)	shall	...a batch process train before May 27, 2005 shall notify the appropriate Ohio EPA district office or local air agency in writing that the batch process train is subject to this rule.	3704.03(E)	Fed	1990 ACT - Control of Volatile Organic Compound Emissions from Process Vents in Batch Operations	Yes	Yes	No
3745-21-14	(K)(1)	shall	The notification, which shall be submitted not later than July 26, 2005, shall provide the information specified in paragraph (K)(5) of this rule.	3704.03(E)	Fed	1990 ACT - Control of Volatile Organic Compound Emissions from Process Vents in Batch Operations	Yes	Yes	No

3745-21-14	(K)(1)	shall	The notification, which shall be submitted not later than July 26, 2005, shall provide the information specified in paragraph (K)(5) of this rule.	3704.03(E)	Fed	1990 ACT - Control of Volatile Organic Compound Emissions from Process Vents in Batch Operations	Yes	Yes	No
3745-21-14	(K)(2)	shall	...a batch process train on or after May 27, 2005, shall notify the appropriate Ohio EPA district office or local air agency in writing that the batch process train is subject to this rule.	3704.03(E)	Fed	1990 ACT - Control of Volatile Organic Compound Emissions from Process Vents in Batch Operations	Yes	Yes	No
3745-21-14	(K)(2)	shall	The notification, which shall be submitted not later than either the date of initial startup of the facility or July 26, 2006 (whichever is later), shall provide the information specified in paragraph (K)(5) of this rule.	3704.03(E)	Fed	1990 ACT - Control of Volatile Organic Compound Emissions from Process Vents in Batch Operations	Yes	Yes	No
3745-21-14	(K)(2)	shall	The notification, which shall be submitted not later than either the date of initial startup of the facility or July 26, 2006 (whichever is later), shall provide the information specified in paragraph (K)(5) of this rule.	3704.03(E)	Fed	1990 ACT - Control of Volatile Organic Compound Emissions from Process Vents in Batch Operations	Yes	Yes	No
3745-21-14	(K)(3)	shall	...a batch process train before August 25, 2008 shall notify the appropriate Ohio EPA district office or local air agency in writing that the batch process train is subject to this rule.	3704.03(E)	Fed	1990 ACT - Control of Volatile Organic Compound Emissions from Process Vents in Batch Operations	Yes	Yes	No
3745-21-14	(K)(3)	shall	The notification, which shall be submitted not later than October 24, 2008, shall provide the information specified in paragraph (K)(5) of this rule.	3704.03(E)	Fed	1990 ACT - Control of Volatile Organic Compound Emissions from Process Vents in Batch Operations	Yes	Yes	No
3745-21-14	(K)(3)	shall	The notification, which shall be submitted not later than October 24, 2008, shall provide the information specified in paragraph (K)(5) of this rule.	3704.03(E)	Fed	1990 ACT - Control of Volatile Organic Compound Emissions from Process Vents in Batch Operations	Yes	Yes	No
3745-21-14	(K)(4)	shall	...a batch process train on or after August 25, 2008, shall notify the appropriate Ohio EPA district office or local air agency in writing that the batch process train is subject to this rule.	3704.03(E)	Fed	1990 ACT - Control of Volatile Organic Compound Emissions from Process Vents in Batch Operations	Yes	Yes	No
3745-21-14	(K)(4)	shall	The notification, which shall be submitted not later than either the date of initial startup of the facility or October 24, 2008 (whichever is later), shall provide the information specified in paragraph (K)(5) of this rule.	3704.03(E)	Fed	1990 ACT - Control of Volatile Organic Compound Emissions from Process Vents in Batch Operations	Yes	Yes	No
3745-21-14	(K)(4)	shall	The notification, which shall be submitted not later than either the date of initial startup of the facility or October 24, 2008 (whichever is later), shall provide the information specified in paragraph (K)(5) of this rule.	3704.03(E)	Fed	1990 ACT - Control of Volatile Organic Compound Emissions from Process Vents in Batch Operations	Yes	Yes	No
3745-21-14	(K)(5)	shall	The notification required in paragraphs (K)(1) to (K)(4) of this rule shall include the following information:	3704.03(E)	Fed	1990 ACT - Control of Volatile Organic Compound Emissions from Process Vents in Batch Operations	Yes	Yes	No
3745-21-14	(K)(5)(e)(ii)	shall	Such certification shall include all compliance certification requirements under paragraph (I)(2) of this rule.	3704.03(E)	Fed	1990 ACT - Control of Volatile Organic Compound Emissions from Process Vents in Batch Operations	Yes	Yes	No
3745-21-14	(C)(4)	require	The applicability equations in paragraph (C)(5) of this rule, which require the calculation of uncontrolled total annual mass emissions and flow rate value...	3704.03(E)	Fed	1990 ACT - Control of Volatile Organic Compound Emissions from Process Vents in Batch Operations	Yes	Yes	No
3745-21-14	(F)(9)	required	...the owner or operator shall establish the operating limits (operating parameter values) for the monitoring devices required under paragraph (G) of this rule.	3704.03(E)	Fed	1990 ACT - Control of Volatile Organic Compound Emissions from Process Vents in Batch Operations	Yes	Yes	No
3745-21-14	(H)(3)	required	Every owner or operator of a batch process train or unit operation subject to paragraph (D) of this rule shall keep records of the following parameters required to be monitored under paragraph (G) of this rule:	3704.03(E)	Fed	1990 ACT - Control of Volatile Organic Compound Emissions from Process Vents in Batch Operations	Yes	Yes	No
3745-21-14	(H)(7)	required	Every owner or operator of a batch process train or unit operation required to keep records under this rule shall maintain such records at the facility for a minimum period of five years...	3704.03(E)	Fed	1990 ACT - Control of Volatile Organic Compound Emissions from Process Vents in Batch Operations	Yes	Yes	No
3745-21-14	(I)(2)(b)	required	For additional tests and measurements performed for the same kind of process vent using the same test method, the test results or measurement results shall be submitted, but a complete test report is not required .	3704.03(E)	Fed	1990 ACT - Control of Volatile Organic Compound Emissions from Process Vents in Batch Operations	Yes	Yes	No
3745-21-14	(I)(2)(c)	required	...raw data sheets for field and laboratory analyses, documentation of calculations, and any other information required by the test method.	3704.03(E)	Fed	1990 ACT - Control of Volatile Organic Compound Emissions from Process Vents in Batch Operations	Yes	Yes	No
3745-21-14	(I)(2)(d)	required	For each monitored parameter for which a range is required to be established under paragraph (F)(9) of this rule, the compliance status report shall include the following information:	3704.03(E)	Fed	1990 ACT - Control of Volatile Organic Compound Emissions from Process Vents in Batch Operations	Yes	Yes	No
3745-21-14	(J)(3)	required	In the event a batch process train or unit operation is exempted under paragraph (C)(3) of this rule or is not required to reduce uncontrolled VOC emissions pursuant to paragraph (D)(1) or (D)(2)...	3704.03(E)	Fed	1990 ACT - Control of Volatile Organic Compound Emissions from Process Vents in Batch Operations	Yes	Yes	No

3745-21-14	(J)(5)	required	Additional testing of the control device or testing of the process vents of a batch process train or unit operation in accordance with paragraph (F) of this rule may be required by the director to ensure continued compliance with paragraph (D) of this rule.	3704.03(E)	Fed	1990 ACT - Control of Volatile Organic Compound Emissions from Process Vents in Batch Operations	Yes	Yes	No
3745-21-14	(K)(5)	required	The notification required in paragraphs (K)(1) to (K)(4) of this rule shall include the following information:	3704.03(E)	Fed	1990 ACT - Control of Volatile Organic Compound Emissions from Process Vents in Batch Operations	Yes	Yes	No
3745-21-14	(K)(5)(e)(ii)	required	An application for an operating permit or permit-to-install and operate is not required provided the subject process is operating under an effective permit and certifies compliance.	3704.03(E)	Fed	1990 ACT - Control of Volatile Organic Compound Emissions from Process Vents in Batch Operations	Yes	Yes	No
3745-21-15	(A)(1)	shall	Except as otherwise provided in paragraph (A)(2) of this rule, this rule shall apply to any facility that meets both of the following criteria:	3704.03(E)	Fed	1996 CTG - Control of Volatile Organic Compound Emissions from Wood Furniture Manufacturing Operations	Yes	Yes	No
3745-21-15	(A)(2)(b)	shall	The owner or operator of the facility shall maintain records of the total gallons of coating, adhesive, cleaning, and washoff materials, including thinners, used each month.	3704.03(E)	Fed	1996 CTG - Control of Volatile Organic Compound Emissions from Wood Furniture Manufacturing Operations	Yes	Yes	No
3745-21-15	(A)(2)(b)	shall	The monthly records shall be retained by the owner or operator for a period of not less than five years and shall be made available to the director...	3704.03(E)	Fed	1996 CTG - Control of Volatile Organic Compound Emissions from Wood Furniture Manufacturing Operations	Yes	Yes	No
3745-21-15	(C)	shall	The owner or operator of a wood furniture manufacturing operation at a facility that is subject to this rule shall comply with paragraphs (D) to (N) of this rule.	3704.03(E)	Fed	1996 CTG - Control of Volatile Organic Compound Emissions from Wood Furniture Manufacturing Operations	Yes	Yes	No
3745-21-15	(D)	shall	For any finishing operation, the owner or operator shall meet any one of the following paragraphs.	3704.03(E)	Fed	1996 CTG - Control of Volatile Organic Compound Emissions from Wood Furniture Manufacturing Operations	Yes	Yes	No
3745-21-15	(D)	shall	If the owner or operator elects to use paragraph (D)(4) or (D)(5) of this rule, the owner or operator shall also meet paragraph (M) of this rule.	3704.03(E)	Fed	1996 CTG - Control of Volatile Organic Compound Emissions from Wood Furniture Manufacturing Operations	Yes	Yes	No
3745-21-15	(D)(1)(a)	shall not	The VOC content of any topcoat shall not exceed 0.8 pound of VOC per pound of solids, as applied.	3704.03(E)	Fed	1996 CTG - Control of Volatile Organic Compound Emissions from Wood Furniture Manufacturing Operations	Yes	Yes	No
3745-21-15	(D)(2)(a)	shall not	The VOC content of any topcoat shall not exceed 1.8 pounds of VOC per pound of solids, as applied, except for acid-cured alkyd amino conversion varnish topcoats.	3704.03(E)	Fed	1996 CTG - Control of Volatile Organic Compound Emissions from Wood Furniture Manufacturing Operations	Yes	Yes	No
3745-21-15	(D)(2)(b)	shall not	The VOC content of any acid-cured alkyd amino conversion varnish topcoat shall not exceed 2.0 pound of VOC per pound of solids, as applied.	3704.03(E)	Fed	1996 CTG - Control of Volatile Organic Compound Emissions from Wood Furniture Manufacturing Operations	Yes	Yes	No
3745-21-15	(D)(2)(c)	shall not	The VOC content of any sealer shall not exceed 1.9 pounds of VOC per pound of solids, as applied, except for acid-cured alkyd amino sealers.	3704.03(E)	Fed	1996 CTG - Control of Volatile Organic Compound Emissions from Wood Furniture Manufacturing Operations	Yes	Yes	No
3745-21-15	(D)(2)(d)	shall not	The VOC content of any acid-cured alkyd amino sealer shall not exceed 2.3 pound of VOC per pound of solids, as applied.	3704.03(E)	Fed	1996 CTG - Control of Volatile Organic Compound Emissions from Wood Furniture Manufacturing Operations	Yes	Yes	No
3745-21-15	(D)(3)	shall	...a VOC emission control system shall be used that achieves for each topcoat or sealer employed and designated for control...	3704.03(E)	Fed	1996 CTG - Control of Volatile Organic Compound Emissions from Wood Furniture Manufacturing Operations	Yes	Yes	No
3745-21-15	(D)(3)	shall	...the control efficiency of the thermal or catalytic oxidizer for VOC emissions shall be at least ninety per cent by weight.	3704.03(E)	Fed	1996 CTG - Control of Volatile Organic Compound Emissions from Wood Furniture Manufacturing Operations	Yes	Yes	No
3745-21-15	(D)(4)	shall	Each topcoat employed in any day shall be subject to either a daily VOC emissions limit or a VOC content limit, as specified in paragraphs (D)(4)(a) and (D)(4)(b) of this rule.	3704.03(E)	Fed	1996 CTG - Control of Volatile Organic Compound Emissions from Wood Furniture Manufacturing Operations	Yes	Yes	No
3745-21-15	(D)(4)(a)	shall not	The daily actual VOC emissions (Eday) shall not exceed the daily VOC emissions limit (Lday) in which "Eday" and "Lday" are calculated for topcoats as follows:	3704.03(E)	Fed	1996 CTG - Control of Volatile Organic Compound Emissions from Wood Furniture Manufacturing Operations	Yes	Yes	No
3745-21-15	(D)(4)(a)	shall	...if the VOC content of topcoat "i" is less than the previously stated emissions limit, then the facility shall use the actual VOC content of topcoat "i" as of May 27, 2005 as the emissions limit for topcoat "i".	3704.03(E)	Fed	1996 CTG - Control of Volatile Organic Compound Emissions from Wood Furniture Manufacturing Operations	Yes	Yes	No
3745-21-15	(D)(4)(a)	shall	...if the VOC content of topcoat "i" is less than the previously stated emission limit, then the facility shall use the actual VOC content of topcoat "i" as of August 25, 2008 as the emissions limit for topcoat "i".	3704.03(E)	Fed	1996 CTG - Control of Volatile Organic Compound Emissions from Wood Furniture Manufacturing Operations	Yes	Yes	No

3745-21-15	(D)(4)(b)	shall not	For any topcoat not selected by the owner or operator for inclusion in the daily VOC emissions limit, the VOC content of the topcoat shall not exceed 0.8 pound of VOC per pound of solids.	3704.03(E)	Fed	1996 CTG - Control of Volatile Organic Compound Emissions from Wood Furniture Manufacturing Operations	Yes	Yes	No
3745-21-15	(D)(5)	shall	Each topcoat and sealer employed in any day shall be subject to either a daily VOC emissions limit or a VOC content limit, as specified in paragraphs (D)(5)(a) and (D)(5)(b) of this rule.	3704.03(E)	Fed	1996 CTG - Control of Volatile Organic Compound Emissions from Wood Furniture Manufacturing Operations	Yes	Yes	No
3745-21-15	(D)(5)(a)	shall not	The daily actual VOC emissions (Eday) shall not exceed the daily VOC emissions limit (Lday) in which "Eday" and "Lday" are calculated for finishing materials as follows:	3704.03(E)	Fed	1996 CTG - Control of Volatile Organic Compound Emissions from Wood Furniture Manufacturing Operations	Yes	Yes	No
3745-21-15	(D)(5)(a)	shall	...the facility shall use the actual VOC content of finishing material "i" as of May 27, 2005 as the emissions limit for finishing material "i".	3704.03(E)	Fed	1996 CTG - Control of Volatile Organic Compound Emissions from Wood Furniture Manufacturing Operations	Yes	Yes	No
3745-21-15	(D)(5)(a)	shall	...the facility shall use the actual VOC content of finishing material "i" as of August 25, 2008 as the emissions limit for finishing material "i".	3704.03(E)	Fed	1996 CTG - Control of Volatile Organic Compound Emissions from Wood Furniture Manufacturing Operations	Yes	Yes	No
3745-21-15	(D)(5)(b)	shall	For any topcoat or sealer not selected by the owner or operator for inclusion in the daily VOC emissions limit, the VOC content limit shall be the following:	3704.03(E)	Fed	1996 CTG - Control of Volatile Organic Compound Emissions from Wood Furniture Manufacturing Operations	Yes	Yes	No
3745-21-15	(D)(5)(b)(i)	shall not	The VOC content of any topcoat shall not exceed 1.8 pounds of VOC per pound of solids, except for acid-cured alkyd amino conversion varnish topcoats.	3704.03(E)	Fed	1996 CTG - Control of Volatile Organic Compound Emissions from Wood Furniture Manufacturing Operations	Yes	Yes	No
3745-21-15	(D)(5)(b)(ii)	shall not	The VOC content of any acid-cured alkyd amino conversion varnish topcoat shall not exceed 2.0 pound of VOC per pound of solids.	3704.03(E)	Fed	1996 CTG - Control of Volatile Organic Compound Emissions from Wood Furniture Manufacturing Operations	Yes	Yes	No
3745-21-15	(D)(5)(b)(iii)	shall not	The VOC content of any sealer shall not exceed 1.9 pounds of VOC per pound of solids, except for acid-cured alkyd amino sealers.	3704.03(E)	Fed	1996 CTG - Control of Volatile Organic Compound Emissions from Wood Furniture Manufacturing Operations	Yes	Yes	No
3745-21-15	(D)(5)(b)(iv)	shall not	The VOC content of any acid-cured alkyd amino sealer shall not exceed 2.3 pounds of VOC per pound of solids.	3704.03(E)	Fed	1996 CTG - Control of Volatile Organic Compound Emissions from Wood Furniture Manufacturing Operations	Yes	Yes	No
3745-21-15		shall not	The VOC content of any strippable spray booth material employed for wood furniture manufacturing operations shall not exceed 0.8 pound of VOC per pound of solids, as applied.	3704.03(E)	Fed	1996 CTG - Control of Volatile Organic Compound Emissions from Wood Furniture Manufacturing Operations	Yes	Yes	No
3745-21-15	(E)	shall not	The VOC content of any strippable spray booth material employed for wood furniture manufacturing operations shall not exceed 0.8 pound of VOC per pound of solids, as applied.	3704.03(E)	Fed	1996 CTG - Control of Volatile Organic Compound Emissions from Wood Furniture Manufacturing Operations	Yes	Yes	No
3745-21-15	(F)	shall	The owner or operator of a facility subject to this rule shall prepare and maintain a written work practice implementation plan that defines environmentally desirable work practices...	3704.03(E)	Fed	1996 CTG - Control of Volatile Organic Compound Emissions from Wood Furniture Manufacturing Operations	Yes	Yes	No
3745-21-15	(F)(1)	shall	For any terms pertaining to the work practices that are not defined under paragraph (B) of this rule, the definitions under 40 CFR 63.801 shall be the used.	3704.03(E)	Fed	1996 CTG - Control of Volatile Organic Compound Emissions from Wood Furniture Manufacturing Operations	Yes	Yes	No
3745-21-15	(F)(4)	shall	The plan shall be developed no more than sixty days after the compliance date.	3704.03(E)	Fed	1996 CTG - Control of Volatile Organic Compound Emissions from Wood Furniture Manufacturing Operations	Yes	Yes	No
3745-21-15	(G)(1)	shall	Except where otherwise specified within this rule, any owner or operator of a facility that is subject to this rule shall comply with this rule by no later than the following dates:	3704.03(E)	Fed	1996 CTG - Control of Volatile Organic Compound Emissions from Wood Furniture Manufacturing Operations	Yes	Yes	No
3745-21-15	(G)(2)	shall	For a VOC emission control system that is used for a finishing operation to comply with paragraph (D)(3), (D)(4), or (D)(5) of this rule, the owner or operator shall demonstrate the overall control efficiency of the VOC emission control system...	3704.03(E)	Fed	1996 CTG - Control of Volatile Organic Compound Emissions from Wood Furniture Manufacturing Operations	Yes	Yes	No
3745-21-15	(H)(1)	shall	For any incinerator used to comply with paragraph (D) of this rule, the owner or operator shall install, calibrate, maintain, and operate according to manufacturer's specifications...	3704.03(E)	Fed	1996 CTG - Control of Volatile Organic Compound Emissions from Wood Furniture Manufacturing Operations	Yes	Yes	No
3745-21-15	(H)(1)	shall	The temperature monitoring device shall be located as follows:	3704.03(E)	Fed	1996 CTG - Control of Volatile Organic Compound Emissions from Wood Furniture Manufacturing Operations	Yes	Yes	No
3745-21-15	(H)(1)(a)	shall	Where a thermal incinerator is used, the temperature monitoring device shall be located in the firebox or in the duct immediately downstream of the firebox in a position before any substantial heat exchange occurs.	3704.03(E)	Fed	1996 CTG - Control of Volatile Organic Compound Emissions from Wood Furniture Manufacturing Operations	Yes	Yes	No

3745-21-15	(H)(1)(b)(i)	shall	Temperature monitoring devices shall be installed in the gas stream immediately before (upstream) and after (downstream) the catalyst bed.	3704.03(E)	Fed	1996 CTG - Control of Volatile Organic Compound Emissions from Wood Furniture Manufacturing Operations	Yes	Yes	No
3745-21-15	(H)(1)(b)(ii)	shall	...the temperature monitoring device shall be located upstream of the catalyst bed only.	3704.03(E)	Fed	1996 CTG - Control of Volatile Organic Compound Emissions from Wood Furniture Manufacturing Operations	Yes	Yes	No
3745-21-15	(H)(2)	shall	For any regenerative carbon adsorber used to comply with paragraph (D) of this rule, the owner or operator shall install, calibrate, maintain and operate according to manufacturer's specifications the following monitoring devices:	3704.03(E)	Fed	1996 CTG - Control of Volatile Organic Compound Emissions from Wood Furniture Manufacturing Operations	Yes	Yes	No
3745-21-15	(H)(2)(a)	shall	An integrating regeneration steam flow monitoring device, having an accuracy of plus or minus ten per cent or better, shall be employed for recording the total regeneration steam mass or volumetric flow for each regeneration cycle.	3704.03(E)	Fed	1996 CTG - Control of Volatile Organic Compound Emissions from Wood Furniture Manufacturing Operations	Yes	Yes	No
3745-21-15	(H)(2)(b)	shall	A carbon bed temperature monitoring device shall be employed for recording the carbon bed temperature after each regeneration and within fifteen minutes of completing any cooling cycle.	3704.03(E)	Fed	1996 CTG - Control of Volatile Organic Compound Emissions from Wood Furniture Manufacturing Operations	Yes	Yes	No
3745-21-15	(H)(3)	shall	For any concentrator, such as a zeolite wheel or rotary carbon bed concentrator, used to comply with paragraph (D) of this rule, the owner or operator shall install, calibrate, maintain, and operate according to manufacturer's specifications...	3704.03(E)	Fed	1996 CTG - Control of Volatile Organic Compound Emissions from Wood Furniture Manufacturing Operations	Yes	Yes	No
3745-21-15	(H)(4)	shall	...the owner or operator shall install, calibrate, maintain, and operate, according to manufacturer's specifications, an organic monitoring device equipped with a continuous recorder for measuring the concentration level at the outlet of the control device.	3704.03(E)	Fed	1996 CTG - Control of Volatile Organic Compound Emissions from Wood Furniture Manufacturing Operations	Yes	Yes	No
3745-21-15	(H)(5)	shall	...the owner or operator shall install, calibrate, maintain, and operate, according to manufacturer's specifications, either one of the following:	3704.03(E)	Fed	1996 CTG - Control of Volatile Organic Compound Emissions from Wood Furniture Manufacturing Operations	Yes	Yes	No
3745-21-15	(H)(6)	shall	...the owner or operator shall install, calibrate, maintain, and operate, according to manufacturer's specifications, either one of the following:	3704.03(E)	Fed	1996 CTG - Control of Volatile Organic Compound Emissions from Wood Furniture Manufacturing Operations	Yes	Yes	No
3745-21-15	(H)(7)	shall	...the owner or operator shall for each bypass line meet any one of the following:	3704.03(E)	Fed	1996 CTG - Control of Volatile Organic Compound Emissions from Wood Furniture Manufacturing Operations	Yes	Yes	No
3745-21-15	(H)(7)(a)	shall	The owner or operator shall install, calibrate, maintain, and operate, according to manufacturer's specifications...	3704.03(E)	Fed	1996 CTG - Control of Volatile Organic Compound Emissions from Wood Furniture Manufacturing Operations	Yes	Yes	No
3745-21-15	(H)(7)(a)	shall	The flow control position indicator shall be installed at the entrance to any bypass line that could divert the emissions away from the control device to the atmosphere.	3704.03(E)	Fed	1996 CTG - Control of Volatile Organic Compound Emissions from Wood Furniture Manufacturing Operations	Yes	Yes	No
3745-21-15	(H)(7)(b)	shall	The owner or operator shall secure the bypass line valve in the nondiverting position with a car-seal or a lock-and-key type configuration.	3704.03(E)	Fed	1996 CTG - Control of Volatile Organic Compound Emissions from Wood Furniture Manufacturing Operations	Yes	Yes	No
3745-21-15	(H)(7)(b)	shall	The owner or operator shall perform a visual inspection of the seal or closure mechanism at least once every month to ensure that the valve is maintained in the non-diverting position...	3704.03(E)	Fed	1996 CTG - Control of Volatile Organic Compound Emissions from Wood Furniture Manufacturing Operations	Yes	Yes	No
3745-21-15	(H)(7)(c)	shall	The owner or operator shall employ a valve closure monitoring system that ensures any bypass line valve is in the closed (nondiverting) position...	3704.03(E)	Fed	1996 CTG - Control of Volatile Organic Compound Emissions from Wood Furniture Manufacturing Operations	Yes	Yes	No
3745-21-15	(H)(7)(c)	shall	The owner or operator shall inspect the monitoring system at least once every month to verify that the monitor will indicate valve position.	3704.03(E)	Fed	1996 CTG - Control of Volatile Organic Compound Emissions from Wood Furniture Manufacturing Operations	Yes	Yes	No
3745-21-15	(H)(7)(d)	shall	The owner or operator shall employ an automatic shutdown system in which the finishing operation is stopped when flow is diverted...	3704.03(E)	Fed	1996 CTG - Control of Volatile Organic Compound Emissions from Wood Furniture Manufacturing Operations	Yes	Yes	No
3745-21-15	(H)(7)(d)	shall	The owner or operator shall inspect the automatic shutdown system at least once every month to verify that it will detect diversions of flow and shut down the finishing operation.	3704.03(E)	Fed	1996 CTG - Control of Volatile Organic Compound Emissions from Wood Furniture Manufacturing Operations	Yes	Yes	No
3745-21-15	(H)(7)(e)	shall	The owner or operator shall install, calibrate, maintain, and operate, according to the manufacturer's specifications...	3704.03(E)	Fed	1996 CTG - Control of Volatile Organic Compound Emissions from Wood Furniture Manufacturing Operations	Yes	Yes	No
3745-21-15	(H)(7)(e)	shall	Each time the flow direction changes, the next reading of the time of occurrence and flow direction shall be recorded.	3704.03(E)	Fed	1996 CTG - Control of Volatile Organic Compound Emissions from Wood Furniture Manufacturing Operations	Yes	Yes	No

3745-21-15	(H)(7)(e)	shall	The flow direction indicator shall be installed in each bypass line or air makeup supply line that could divert the VOC emissions away from the control device to the atmosphere.	3704.03(E)	Fed	1996 CTG - Control of Volatile Organic Compound Emissions from Wood Furniture Manufacturing Operations	Yes	Yes	No
3745-21-15	(H)(8)	shall	The request shall be submitted in accordance with paragraph (H)(10) of this rule.	3704.03(E)	Fed	1996 CTG - Control of Volatile Organic Compound Emissions from Wood Furniture Manufacturing Operations	Yes	Yes	No
3745-21-15	(H)(9)	shall	The request shall be submitted in accordance with paragraph (H)(10) of this rule.	3704.03(E)	Fed	1996 CTG - Control of Volatile Organic Compound Emissions from Wood Furniture Manufacturing Operations	Yes	Yes	No
3745-21-15	(H)(10)(a)	shall	The owner or operator who has been directed by any paragraph of this rule to request approval to employ monitoring devices and parameters other than required by this rule shall submit within an application for a permit or modification of a permit...	3704.03(E)	Fed	1996 CTG - Control of Volatile Organic Compound Emissions from Wood Furniture Manufacturing Operations	Yes	Yes	No
3745-21-15	(H)(10)(a)(iii)	shall	The rationale for the proposed monitoring, recording, and reporting system shall be included.	3704.03(E)	Fed	1996 CTG - Control of Volatile Organic Compound Emissions from Wood Furniture Manufacturing Operations	Yes	Yes	No
3745-21-15	(H)(10)(b)	shall	If the monitoring device and parameter are approved by the director, the monitoring device and parameter, including associated records and semiannual reporting, shall be specified in the terms and conditions of a permit or order issued by the director.	3704.03(E)	Fed	1996 CTG - Control of Volatile Organic Compound Emissions from Wood Furniture Manufacturing Operations	Yes	Yes	Yes
3745-21-15	(H)(10)(b)	shall	If required by USEPA, any director-approved alternative monitoring device or monitoring parameter shall be submitted to USEPA for approval as a revision of the state implementation plan.	3704.03(E)	Fed	1996 CTG - Control of Volatile Organic Compound Emissions from Wood Furniture Manufacturing Operations	Yes	Yes	No
3745-21-15	(H)(11)	shall not	While operating a VOC emission control system for controlling emissions from a finishing operation, the owner or operator shall not operate any capture or control device within the VOC emission control system...	3704.03(E)	Fed	1996 CTG - Control of Volatile Organic Compound Emissions from Wood Furniture Manufacturing Operations	Yes	Yes	No
3745-21-15	(H)(12)	shall	The owner or operator shall inspect the VOC emission control system and monitoring equipment to assure that the VOC emission control system is operating properly, and that no leaks or malfunctions have occurred or are occurring.	3704.03(E)	Fed	1996 CTG - Control of Volatile Organic Compound Emissions from Wood Furniture Manufacturing Operations	Yes	Yes	No
3745-21-15	(H)(12)	shall	The inspections shall be made at the frequency defined by the equipment manufacturer, or as otherwise appropriate for each VOC emission control system and monitoring equipment, but not less than monthly.	3704.03(E)	Fed	1996 CTG - Control of Volatile Organic Compound Emissions from Wood Furniture Manufacturing Operations	Yes	Yes	No
3745-21-15	(I)(1)	shall	The VOC content and solids content of a coating (finishing material or a strippable spray booth material) shall be determined by the owner or operator in accordance with paragraph (B) of rule 3745-21-10 of the Administrative Code...	3704.03(E)	Fed	1996 CTG - Control of Volatile Organic Compound Emissions from Wood Furniture Manufacturing Operations	Yes	Yes	No
3745-21-15	(I)(2)	shall	For a finishing material containing styrene, the VOC content and VOC emissions associated with styrene shall be based on an estimate of the unreacted styrene, which shall be calculated by multiplying the amount of styrene monomer in the finishing material, when applied, by a factor of 0.16.	3704.03(E)	Fed	1996 CTG - Control of Volatile Organic Compound Emissions from Wood Furniture Manufacturing Operations	Yes	Yes	No
3745-21-15	(I)(2)	shall	For a finishing material containing styrene, the VOC content and VOC emissions associated with styrene shall be based on an estimate of the unreacted styrene, which shall be calculated by multiplying the amount of styrene monomer in the finishing material, when applied, by a factor of 0.16.	3704.03(E)	Fed	1996 CTG - Control of Volatile Organic Compound Emissions from Wood Furniture Manufacturing Operations	Yes	Yes	No
3745-21-15	(I)(3)	shall	For a finishing material containing formaldehyde, the VOC content and VOC emissions associated with formaldehyde shall be based on the amount of free formaldehyde present in the finishing material when applied.	3704.03(E)	Fed	1996 CTG - Control of Volatile Organic Compound Emissions from Wood Furniture Manufacturing Operations	Yes	Yes	No
3745-21-15	(I)(3)	shall	The free formaldehyde content shall be determined in accordance with ASTM D1979-97, D5910-12, D6191-97(2008)e1, or D6902-04(2011).	3704.03(E)	Fed	1996 CTG - Control of Volatile Organic Compound Emissions from Wood Furniture Manufacturing Operations	Yes	Yes	No
3745-21-15	(I)(4)	shall	A certified product data sheet that provides data on VOC content and solids content shall be used by the owner or operator provided that any data based on a measurement method shall be a measurement method that meets paragraph (I) of this rule.	3704.03(E)	Fed	1996 CTG - Control of Volatile Organic Compound Emissions from Wood Furniture Manufacturing Operations	Yes	Yes	No
3745-21-15	(I)(4)	shall	A certified product data sheet that provides data on VOC content and solids content shall be used by the owner or operator provided that any data based on a measurement method shall be a measurement method that meets paragraph (I) of this rule.	3704.03(E)	Fed	1996 CTG - Control of Volatile Organic Compound Emissions from Wood Furniture Manufacturing Operations	Yes	Yes	No
3745-21-15	(I)(5)	shall	The as-applied VOC content of a finishing material that is applied by a continuous coater shall be determined by one of the following procedures:	3704.03(E)	Fed	1996 CTG - Control of Volatile Organic Compound Emissions from Wood Furniture Manufacturing Operations	Yes	Yes	No
3745-21-15	(I)(5)(a)	shall	The as-applied VOC content of a finishing material that is applied by a continuous coater shall be determined by the VOC content of the finishing material in the reservoir and the VOC content as calculated from records.	3704.03(E)	Fed	1996 CTG - Control of Volatile Organic Compound Emissions from Wood Furniture Manufacturing Operations	Yes	Yes	No

3745-21-15	(I)(5)(b)	shall	The as-applied VOC content of a finishing material that is applied by a continuous coater shall be determined by the VOC content of the finishing material in the reservoir...	3704.03(E)	Fed	1996 CTG - Control of Volatile Organic Compound Emissions from Wood Furniture Manufacturing Operations	Yes	Yes	No
3745-21-15	(I)(5)(b)	shall	In order to use this procedure, the owner or operator shall provide data that demonstrates the correlation between viscosity of the finishing material...	3704.03(E)	Fed	1996 CTG - Control of Volatile Organic Compound Emissions from Wood Furniture Manufacturing Operations	Yes	Yes	No
3745-21-15	(I)(5)(c)	shall	The as-applied VOC content of a finishing material that is applied by a dip coater shall be determined by a rolling thirty-day average of the VOC content...	3704.03(E)	Fed	1996 CTG - Control of Volatile Organic Compound Emissions from Wood Furniture Manufacturing Operations	Yes	Yes	No
3745-21-15	(I)(5)(c)	shall	The rolling thirty-day average VOC content (C30), expressed in pounds of VOC per pound of solids, as applied, shall be calculated for each day of operation of the dip coater as follows:	3704.03(E)	Fed	1996 CTG - Control of Volatile Organic Compound Emissions from Wood Furniture Manufacturing Operations	Yes	Yes	No
3745-21-15	(I)(6)	shall	...the required overall control efficiency (R), expressed in per cent by weight, shall be determined as follows for each topcoat and sealer designated for control:	3704.03(E)	Fed	1996 CTG - Control of Volatile Organic Compound Emissions from Wood Furniture Manufacturing Operations	Yes	Yes	No
3745-21-15	(J)(1)	shall	For a VOC emission control system used to comply with paragraph (D) of this rule, the owner or operator shall conduct an initial compliance test to determine the capture efficiency of the capture system...	3704.03(E)	Fed	1996 CTG - Control of Volatile Organic Compound Emissions from Wood Furniture Manufacturing Operations	Yes	Yes	No
3745-21-15	(J)(1)	shall	...rule 3745-21-10 of the Administrative Code wherein USEPA method 25 or 25A shall be used for determining the concentration of VOC in a gas stream.	3704.03(E)	Fed	1996 CTG - Control of Volatile Organic Compound Emissions from Wood Furniture Manufacturing Operations	Yes	Yes	No
3745-21-15	(J)(2)	shall	During the compliance test described in paragraphs (J)(1) of this rule that demonstrates compliance, the owner or operator shall establish the operating limits (operating parameter values)...	3704.03(E)	Fed	1996 CTG - Control of Volatile Organic Compound Emissions from Wood Furniture Manufacturing Operations	Yes	Yes	No
3745-21-15	(J)(2)(b)(iv)	shall	At a minimum, the plan shall address, the following:	3704.03(E)	Fed	1996 CTG - Control of Volatile Organic Compound Emissions from Wood Furniture Manufacturing Operations	Yes	Yes	No
3745-21-15	(J)(2)(b)(iv)(a)	shall	If problems are found during the catalyst activity test, the owner or operator shall replace the catalyst bed or take other corrective action...	3704.03(E)	Fed	1996 CTG - Control of Volatile Organic Compound Emissions from Wood Furniture Manufacturing Operations	Yes	Yes	No
3745-21-15	(J)(2)(b)(iv)(c)	shall	If problems are found during the annual internal inspection of the catalyst, the owner or operator shall replace the catalyst bed or take other corrective action...	3704.03(E)	Fed	1996 CTG - Control of Volatile Organic Compound Emissions from Wood Furniture Manufacturing Operations	Yes	Yes	No
3745-21-15	(J)(2)(b)(iv)(c)	shall	...the owner or operator shall conduct a new compliance test to determine the control efficiency of the catalytic oxidizer according to paragraph (I)(1) of this rule.	3704.03(E)	Fed	1996 CTG - Control of Volatile Organic Compound Emissions from Wood Furniture Manufacturing Operations	Yes	Yes	No
3745-21-15	(J)(2)(e)(i)	shall	The pressure drop across the enclosure shall be at least 0.007 inch of water.	3704.03(E)	Fed	1996 CTG - Control of Volatile Organic Compound Emissions from Wood Furniture Manufacturing Operations	Yes	Yes	No
3745-21-15	(J)(2)(e)(ii)	shall	The average facial velocity of air through all natural draft openings shall be at least two hundred feet per minute.	3704.03(E)	Fed	1996 CTG - Control of Volatile Organic Compound Emissions from Wood Furniture Manufacturing Operations	Yes	Yes	No
3745-21-15	(K)(1)	shall	The following records shall be retained by the owner or operator for a period of not less than five years and shall be made available to the director or any authorized representative of the director for review during normal business hours:	3704.03(E)	Fed	1996 CTG - Control of Volatile Organic Compound Emissions from Wood Furniture Manufacturing Operations	Yes	Yes	No
3745-21-15	(K)(1)	shall	The following records shall be retained by the owner or operator for a period of not less than five years and shall be made available to the director or any authorized representative of the director for review during normal business hours:	3704.03(E)	Fed	1996 CTG - Control of Volatile Organic Compound Emissions from Wood Furniture Manufacturing Operations	Yes	Yes	No
3745-21-15	(K)(2)	shall	For any finishing operation subject to paragraph (D) of this rule, the owner or operator shall maintain the following records:	3704.03(E)	Fed	1996 CTG - Control of Volatile Organic Compound Emissions from Wood Furniture Manufacturing Operations	Yes	Yes	No
3745-21-15	(K)(3)	shall	The owner or operator of a wood furniture manufacturing operation employing a strippable spray booth material subject to the VOC content limit in paragraph (E) of this rule shall maintain records of the following:	3704.03(E)	Fed	1996 CTG - Control of Volatile Organic Compound Emissions from Wood Furniture Manufacturing Operations	Yes	Yes	No
3745-21-15	(K)(4)	shall	The owner or operator of a wood furniture manufacturing operation subject to paragraph (E) of this rule shall maintain on-site the work practice implementation plan...	3704.03(E)	Fed	1996 CTG - Control of Volatile Organic Compound Emissions from Wood Furniture Manufacturing Operations	Yes	Yes	No
3745-21-15	(K)(5)	shall	For any VOC emission control system subject to paragraph (H) of this rule, the owner or operator shall maintain monitoring records as follows:	3704.03(E)	Fed	1996 CTG - Control of Volatile Organic Compound Emissions from Wood Furniture Manufacturing Operations	Yes	Yes	No

3745-21-15	(K)(5)(f)	shall	For any capture system bypass line that could divert flow (i.e., VOC emissions) away from the control device to the atmosphere, the owner or operator shall maintain the following monitoring records, whichever is applicable:	3704.03(E)	Fed	1996 CTG - Control of Volatile Organic Compound Emissions from Wood Furniture Manufacturing Operations	Yes	Yes	No
3745-21-15	(L)(2)	shall	The owner or operator of a wood furniture manufacturing operation subject to this rule shall submit an initial compliance status report within sixty calendar days after the compliance date specified in paragraph (G) of this rule as follows:	3704.03(E)	Fed	1996 CTG - Control of Volatile Organic Compound Emissions from Wood Furniture Manufacturing Operations	Yes	Yes	No
3745-21-15	(L)(2)(a)	shall	...the owner or operator shall state in the initial compliance status report which one of paragraphs (D)(1) to (D)(5) of this rule is elected to be met.	3704.03(E)	Fed	1996 CTG - Control of Volatile Organic Compound Emissions from Wood Furniture Manufacturing Operations	Yes	Yes	No
3745-21-15	(L)(2)(b)	shall	...the owner or operator shall state in the initial compliance status report that compliant coatings for the topcoats and sealers, as applicable, are being used.	3704.03(E)	Fed	1996 CTG - Control of Volatile Organic Compound Emissions from Wood Furniture Manufacturing Operations	Yes	Yes	No
3745-21-15	(L)(2)(c)	shall	...the owner or operator shall state the following in the initial compliance status report, as applicable:	3704.03(E)	Fed	1996 CTG - Control of Volatile Organic Compound Emissions from Wood Furniture Manufacturing Operations	Yes	Yes	No
3745-21-15	(L)(2)(c)(ii)	shall	...and shall submit data that demonstrates the correlation between the viscosity of the finishing material and the VOC content of the finishing material in the reservoir.	3704.03(E)	Fed	1996 CTG - Control of Volatile Organic Compound Emissions from Wood Furniture Manufacturing Operations	Yes	Yes	No
3745-21-15	(L)(2)(d)	shall	...the owner or operator shall submit the following in the initial compliance status report:	3704.03(E)	Fed	1996 CTG - Control of Volatile Organic Compound Emissions from Wood Furniture Manufacturing Operations	Yes	Yes	No
3745-21-15	(L)(2)(d)(iv)	shall	A complete test report shall include a brief process description, sampling site description, description of sampling and analysis procedures...	3704.03(E)	Fed	1996 CTG - Control of Volatile Organic Compound Emissions from Wood Furniture Manufacturing Operations	Yes	Yes	No
3745-21-15	(L)(2)(e)	shall	...the owner or operator shall submit in the initial compliance status report the information specified under paragraphs (L)(2)(d)(ii) to (L)(2)(d)(iv) of this rule.	3704.03(E)	Fed	1996 CTG - Control of Volatile Organic Compound Emissions from Wood Furniture Manufacturing Operations	Yes	Yes	No
3745-21-15	(L)(2)(f)	shall	...the owner or operator shall state in the initial compliance status report that compliant coatings for strippable spray booth materials are being used.	3704.03(E)	Fed	1996 CTG - Control of Volatile Organic Compound Emissions from Wood Furniture Manufacturing Operations	Yes	Yes	No
3745-21-15	(L)(2)(g)	shall	...the owner or operator shall state in the initial compliance status report that the work practice implementation plan has been developed and that procedures have been established for implementing the provisions of the plan.	3704.03(E)	Fed	1996 CTG - Control of Volatile Organic Compound Emissions from Wood Furniture Manufacturing Operations	Yes	Yes	No
3745-21-15	(L)(3)	shall	The owner or operator of a wood furniture manufacturing operation subject to this rule shall submit semiannual compliance status reports no later than thirty calendar days...	3704.03(E)	Fed	1996 CTG - Control of Volatile Organic Compound Emissions from Wood Furniture Manufacturing Operations	Yes	Yes	No
3745-21-15	(L)(3)	shall	The first report shall be submitted no later than thirty calendar days after the end of the first six-month period following the compliance date.	3704.03(E)	Fed	1996 CTG - Control of Volatile Organic Compound Emissions from Wood Furniture Manufacturing Operations	Yes	Yes	No
3745-21-15	(L)(3)	shall	Subsequent reports shall be submitted no later than thirty calendar days after the end of each six-month period following the first report...	3704.03(E)	Fed	1996 CTG - Control of Volatile Organic Compound Emissions from Wood Furniture Manufacturing Operations	Yes	Yes	No
3745-21-15	(L)(3)	shall	For each semiannual compliance status report, the owner or operator shall submit the following information for the six-month period covered by the report:	3704.03(E)	Fed	1996 CTG - Control of Volatile Organic Compound Emissions from Wood Furniture Manufacturing Operations	Yes	Yes	No
3745-21-15	(L)(3)(a)	shall	...the owner or operator shall state in the semiannual compliance status report any changes to the previous reporting of which one of paragraphs (D)(1) to (D)(5) of this rule is elected to be met.	3704.03(E)	Fed	1996 CTG - Control of Volatile Organic Compound Emissions from Wood Furniture Manufacturing Operations	Yes	Yes	No
3745-21-15	(L)(3)(b)	shall	...the owner or operator shall submit data that demonstrates the correlation between the viscosity of the finishing material and the VOC content of the finishing material in the reservoir.	3704.03(E)	Fed	1996 CTG - Control of Volatile Organic Compound Emissions from Wood Furniture Manufacturing Operations	Yes	Yes	No
3745-21-15	(L)(3)(d)	shall	...the semiannual compliance status report shall include the results of each compliance test, a complete test report, and the compliance test monitoring data as described under paragraphs (L)(2)(d)(ii) to (L)(2)(d)(iv) of this rule.	3704.03(E)	Fed	1996 CTG - Control of Volatile Organic Compound Emissions from Wood Furniture Manufacturing Operations	Yes	Yes	No
3745-21-15	(L)(3)(e)	shall	The owner or operator shall submit with the semiannual compliance status report, the following compliance certifications, where applicable:	3704.03(E)	Fed	1996 CTG - Control of Volatile Organic Compound Emissions from Wood Furniture Manufacturing Operations	Yes	Yes	No
3745-21-15	(L)(3)(e)(i)	shall	...the compliance certification shall state that compliant coatings for topcoats and sealers, as applicable, have been used each operating day in the semiannual reporting period...	3704.03(E)	Fed	1996 CTG - Control of Volatile Organic Compound Emissions from Wood Furniture Manufacturing Operations	Yes	Yes	No

3745-21-15	(L)(3)(e)(ii)	shall	...that complies by the procedures of paragraph (I)(5) of this rule, the compliance certification shall state the following, whichever is applicable:	3704.03(E)	Fed	1996 CTG - Control of Volatile Organic Compound Emissions from Wood Furniture Manufacturing Operations	Yes	Yes	No
3745-21-15	(L)(3)(e)(ii)(a)	shall	The compliance certification shall state that compliant coatings, as determined by paragraph (I)(5)(a) of this rule...	3704.03(E)	Fed	1996 CTG - Control of Volatile Organic Compound Emissions from Wood Furniture Manufacturing Operations	Yes	Yes	No
3745-21-15	(L)(3)(e)(ii)(b)	shall	The compliance certification shall state that compliant coatings, as determined by paragraph (I)(5)(b) of this rule...	3704.03(E)	Fed	1996 CTG - Control of Volatile Organic Compound Emissions from Wood Furniture Manufacturing Operations	Yes	Yes	No
3745-21-15	(L)(3)(e)(ii)(b)	shall	Additionally, the certification shall state that the viscosity of the finishing material in the reservoir has not been less than the viscosity of the initial finishing material...	3704.03(E)	Fed	1996 CTG - Control of Volatile Organic Compound Emissions from Wood Furniture Manufacturing Operations	Yes	Yes	No
3745-21-15	(L)(3)(e)(ii)(c)	shall	The compliance certification shall state that compliant coatings, as determined by paragraph (I)(5)(c) of this rule...	3704.03(E)	Fed	1996 CTG - Control of Volatile Organic Compound Emissions from Wood Furniture Manufacturing Operations	Yes	Yes	No
3745-21-15	(L)(3)(e)(iii)(a)	shall	The compliance certification shall state that the three-hour block averages of the monitoring parameters recorded pursuant to paragraph (K)(5) of this rule...	3704.03(E)	Fed	1996 CTG - Control of Volatile Organic Compound Emissions from Wood Furniture Manufacturing Operations	Yes	Yes	No
3745-21-15	(L)(3)(e)(iii)(b)	shall	The compliance certification shall identify the times and durations of all periods during process or control operation when the monitoring device is not working, as recorded pursuant to paragraph (K)(5) of this rule.	3704.03(E)	Fed	1996 CTG - Control of Volatile Organic Compound Emissions from Wood Furniture Manufacturing Operations	Yes	Yes	No
3745-21-15	(L)(3)(e)(iii)(c)	shall	For any capture system bypass line, the compliance certification shall identify the times and durations of all periods in which the captured VOC emissions were discharged to atmosphere...	3704.03(E)	Fed	1996 CTG - Control of Volatile Organic Compound Emissions from Wood Furniture Manufacturing Operations	Yes	Yes	No
3745-21-15	(L)(3)(e)(iii)(d)	shall	The compliance certification shall state that the overall reduction of VOC emissions, based on the most recent compliance test conducted in accordance with paragraph (J) of this rule...	3704.03(E)	Fed	1996 CTG - Control of Volatile Organic Compound Emissions from Wood Furniture Manufacturing Operations	Yes	Yes	No
3745-21-15	(L)(3)(e)(iv)	shall	...the compliance certification shall contain the information specified under paragraphs (L)(3)(e)(iii)(a) to (L)(3)(e)(iii)(c) of this rule.	3704.03(E)	Fed	1996 CTG - Control of Volatile Organic Compound Emissions from Wood Furniture Manufacturing Operations	Yes	Yes	No
3745-21-15	(L)(3)(e)(v)	shall	...the compliance certification shall state that the daily actual VOC emissions did not exceed the daily VOC emissions limit for the finishing materials selected for inclusion in the daily VOC emissions limit for each operating day...	3704.03(E)	Fed	1996 CTG - Control of Volatile Organic Compound Emissions from Wood Furniture Manufacturing Operations	Yes	Yes	No
3745-21-15	(L)(3)(e)(vi)	shall	...the compliance certification shall state that compliant coatings for strippable spray booth materials have been used each day in the semiannual reporting period...	3704.03(E)	Fed	1996 CTG - Control of Volatile Organic Compound Emissions from Wood Furniture Manufacturing Operations	Yes	Yes	No
3745-21-15	(L)(3)(e)(vii)	shall	...the compliance certification shall state that the work practice implementation plan is being followed...	3704.03(E)	Fed	1996 CTG - Control of Volatile Organic Compound Emissions from Wood Furniture Manufacturing Operations	Yes	Yes	No
3745-21-15	(L)(3)(e)(viii)	shall	The compliance certification shall identify and describe any corrective actions considered and implemented for any noncompliance being reported in the compliance certification.	3704.03(E)	Fed	1996 CTG - Control of Volatile Organic Compound Emissions from Wood Furniture Manufacturing Operations	Yes	Yes	No
3745-21-15	(L)(3)(e)(ix)	shall	The compliance certification shall be signed by a responsible official of the company that owns or operates the wood furniture manufacturing operations.	3704.03(E)	Fed	1996 CTG - Control of Volatile Organic Compound Emissions from Wood Furniture Manufacturing Operations	Yes	Yes	No
3745-21-15	(M)(1)	shall	The owner or operator of wood furniture manufacturing operations electing to comply with the daily VOC emissions limit in paragraph (D)(4) or (D)(5) of this rule shall submit to the director for approval a plan addressing the following provisions:	3704.03(E)	Fed	1996 CTG - Control of Volatile Organic Compound Emissions from Wood Furniture Manufacturing Operations	Yes	Yes	No
3745-21-15	(M)(1)(c)	shall	For program baseline, each finishing material included in the averaging program shall be the lower of the actual or allowable emission rate as of May 27, 2005 for facilities...	3704.03(E)	Fed	1996 CTG - Control of Volatile Organic Compound Emissions from Wood Furniture Manufacturing Operations	Yes	Yes	No
3745-21-15	(M)(1)(d)(ii)	shall	Quantification methods used shall be accurate enough to ensure that the wood furniture manufacturing operations' actual emissions are less than the allowable emissions...	3704.03(E)	Fed	1996 CTG - Control of Volatile Organic Compound Emissions from Wood Furniture Manufacturing Operations	Yes	Yes	No
3745-21-15	(M)(1)(e)(ii)	shall	Monitoring, record keeping, and reporting procedures shall be structured in such a way that the Ohio EPA and owners or operators of the wood furniture manufacturing operations can determine compliance status for any day.	3704.03(E)	Fed	1996 CTG - Control of Volatile Organic Compound Emissions from Wood Furniture Manufacturing Operations	Yes	Yes	No
3745-21-15	(M)(2)	shall	Pending approval by the director and the USEPA of the proposed emissions averaging plan, the owner or operator shall continue to comply with this rule.	3704.03(E)	Fed	1996 CTG - Control of Volatile Organic Compound Emissions from Wood Furniture Manufacturing Operations	Yes	Yes	No

3745-21-15	(N)(1)	shall	...an initial startup of wood furniture manufacturing operations before May 27, 2005 shall notify the appropriate Ohio EPA district office or local air agency in writing that the facility is subject to this rule.	3704.03(E)	Fed	1996 CTG - Control of Volatile Organic Compound Emissions from Wood Furniture Manufacturing Operations	Yes	Yes	No
3745-21-15	(N)(1)	shall	The notification, which shall be submitted not later than July 26, 2005, shall provide the information specified in paragraph (N)(5) of this rule.	3704.03(E)	Fed	1996 CTG - Control of Volatile Organic Compound Emissions from Wood Furniture Manufacturing Operations	Yes	Yes	No
3745-21-15	(N)(1)	shall	The notification, which shall be submitted not later than July 26, 2005, shall provide the information specified in paragraph (N)(5) of this rule.	3704.03(E)	Fed	1996 CTG - Control of Volatile Organic Compound Emissions from Wood Furniture Manufacturing Operations	Yes	Yes	No
3745-21-15	(N)(2)	shall	...an initial startup of wood furniture manufacturing operations on or after May 27, 2005 shall notify the appropriate Ohio EPA district office or local air agency in writing that the facility is subject to this rule.	3704.03(E)	Fed	1996 CTG - Control of Volatile Organic Compound Emissions from Wood Furniture Manufacturing Operations	Yes	Yes	No
3745-21-15	(N)(2)	shall	The notification, which shall be submitted not later than either the date of initial startup of the facility or July 26, 2005 (whichever is later), shall provide the information specified in paragraph (N)(5) of this rule.	3704.03(E)	Fed	1996 CTG - Control of Volatile Organic Compound Emissions from Wood Furniture Manufacturing Operations	Yes	Yes	No
3745-21-15	(N)(2)	shall	The notification, which shall be submitted not later than either the date of initial startup of the facility or July 26, 2005 (whichever is later), shall provide the information specified in paragraph (N)(5) of this rule.	3704.03(E)	Fed	1996 CTG - Control of Volatile Organic Compound Emissions from Wood Furniture Manufacturing Operations	Yes	Yes	No
3745-21-15	(N)(3)	shall	...an initial startup of wood furniture manufacturing operations before August 25, 2008 shall notify the appropriate Ohio EPA district office or local air agency in writing that the facility is subject to this rule.	3704.03(E)	Fed	1996 CTG - Control of Volatile Organic Compound Emissions from Wood Furniture Manufacturing Operations	Yes	Yes	No
3745-21-15	(N)(3)	shall	The notification, which shall be submitted not later than October 24, 2008, shall provide the information specified in paragraph (N)(5) of this rule.	3704.03(E)	Fed	1996 CTG - Control of Volatile Organic Compound Emissions from Wood Furniture Manufacturing Operations	Yes	Yes	No
3745-21-15	(N)(3)	shall	The notification, which shall be submitted not later than October 24, 2008, shall provide the information specified in paragraph (N)(5) of this rule.	3704.03(E)	Fed	1996 CTG - Control of Volatile Organic Compound Emissions from Wood Furniture Manufacturing Operations	Yes	Yes	No
3745-21-15	(N)(4)	shall	...an initial startup of wood furniture manufacturing operations on or after August 25, 2008 shall notify the appropriate Ohio EPA district office or local air agency in writing that the facility is subject to this rule.	3704.03(E)	Fed	1996 CTG - Control of Volatile Organic Compound Emissions from Wood Furniture Manufacturing Operations	Yes	Yes	No
3745-21-15	(N)(4)	shall	The notification, which shall be submitted not later than either the date of initial startup of the facility or October 24, 2008 (whichever is later), shall provide the information specified in paragraph (N)(5) of this rule.	3704.03(E)	Fed	1996 CTG - Control of Volatile Organic Compound Emissions from Wood Furniture Manufacturing Operations	Yes	Yes	No
3745-21-15	(N)(4)	shall	The notification, which shall be submitted not later than either the date of initial startup of the facility or October 24, 2008 (whichever is later), shall provide the information specified in paragraph (N)(5) of this rule.	3704.03(E)	Fed	1996 CTG - Control of Volatile Organic Compound Emissions from Wood Furniture Manufacturing Operations	Yes	Yes	No
3745-21-15	(N)(5)	shall	The notification required in paragraphs (N)(1) to (N)(4) of this rule shall include the following information:	3704.03(E)	Fed	1996 CTG - Control of Volatile Organic Compound Emissions from Wood Furniture Manufacturing Operations	Yes	Yes	No
3745-21-15	(N)(5)(e)(ii)	shall	Such certification shall include all compliance certification requirements under paragraph (L)(2) of this rule.	3704.03(E)	Fed	1996 CTG - Control of Volatile Organic Compound Emissions from Wood Furniture Manufacturing Operations	Yes	Yes	No
3745-21-15	(D)(3)	required	...sealer employed and designated for control, an overall reduction of VOC emissions that is equal to or greater than the required overall control efficiency determined in accordance with paragraph (I)(6) of this rule.	3704.03(E)	Fed	1996 CTG - Control of Volatile Organic Compound Emissions from Wood Furniture Manufacturing Operations	Yes	Yes	No
3745-21-15	(G)(3)	required	Additional testing of the finishing operation and the VOC emission control system in accordance with paragraph (J) of this rule may be required by the director to ensure continued compliance.	3704.03(E)	Fed	1996 CTG - Control of Volatile Organic Compound Emissions from Wood Furniture Manufacturing Operations	Yes	Yes	Yes
3745-21-15	(H)(10)(a)	required	The owner or operator who has been directed by any paragraph of this rule to request approval to employ monitoring devices and parameters other than required by this rule shall submit within an application...	3704.03(E)	Fed	1996 CTG - Control of Volatile Organic Compound Emissions from Wood Furniture Manufacturing Operations	Yes	Yes	No
3745-21-15	(H)(10)(a)(ii)	required	...an operating limit (operating parameter value) for the monitored parameter as part of the initial compliance status report required in paragraph (L)(2) of this rule.	3704.03(E)	Fed	1996 CTG - Control of Volatile Organic Compound Emissions from Wood Furniture Manufacturing Operations	Yes	Yes	No
3745-21-15	(H)(10)(b)	required	If required by USEPA, any director-approved alternative monitoring device or monitoring parameter shall be submitted to USEPA for approval as a revision of the state implementation plan.	3704.03(E)	Fed	1996 CTG - Control of Volatile Organic Compound Emissions from Wood Furniture Manufacturing Operations	Yes	Yes	Yes
3745-21-15	(I)	required	Procedures for the VOC content and solids content of a coating, the VOC content for continuous coaters, and the determination of required overall control efficiency for controlled topcoats and sealers.	3704.03(E)	Fed	1996 CTG - Control of Volatile Organic Compound Emissions from Wood Furniture Manufacturing Operations	Yes	Yes	No

3745-21-15	(I)(6)	required	Determination of required overall control efficiency for controlled topcoats and sealers.	3704.03(E)	Fed	1996 CTG - Control of Volatile Organic Compound Emissions from Wood Furniture Manufacturing Operations	Yes	Yes	No
3745-21-15	(I)(6)	required	For a VOC emission control system that is used to comply with paragraph (D)(3) of this rule, the overall reduction of VOC emissions, that is, the required overall control efficiency (R)...	3704.03(E)	Fed	1996 CTG - Control of Volatile Organic Compound Emissions from Wood Furniture Manufacturing Operations	Yes	Yes	No
3745-21-15	(J)(2)	required	...the owner or operator shall establish the operating limits (operating parameter values) for the monitoring devices required under paragraph (H) of this rule as follows:	3704.03(E)	Fed	1996 CTG - Control of Volatile Organic Compound Emissions from Wood Furniture Manufacturing Operations	Yes	Yes	No
3745-21-15	(J)(2)(b)(iv)(c)	required	...then a new compliance test to determine the control efficiency of the catalytic oxidizer is not required and the previously established operating limits for that catalytic oxidizer may be used.	3704.03(E)	Fed	1996 CTG - Control of Volatile Organic Compound Emissions from Wood Furniture Manufacturing Operations	Yes	Yes	No
3745-21-15	(K)(2)(f)	required	...pounds of VOC per gallon of solids and the required overall control efficiency, as determined in accordance with paragraph (I)(6) of this rule, for each topcoat and sealer being controlled.	3704.03(E)	Fed	1996 CTG - Control of Volatile Organic Compound Emissions from Wood Furniture Manufacturing Operations	Yes	Yes	No
3745-21-15	(K)(4)(a)	required	Records demonstrating that the operator training program required by 40 CFR 63.803(b) is in place.	3704.03(E)	Fed	1996 CTG - Control of Volatile Organic Compound Emissions from Wood Furniture Manufacturing Operations	Yes	Yes	No
3745-21-15	(K)(4)(b)	required	Records collected in accordance with the inspection and maintenance plan required by 40 CFR 63.803(c).	3704.03(E)	Fed	1996 CTG - Control of Volatile Organic Compound Emissions from Wood Furniture Manufacturing Operations	Yes	Yes	No
3745-21-15	(K)(4)(c)	required	Records associated with the cleaning solvent accounting system required by 40 CFR 63.803(d).	3704.03(E)	Fed	1996 CTG - Control of Volatile Organic Compound Emissions from Wood Furniture Manufacturing Operations	Yes	Yes	No
3745-21-15	(K)(4)(d)	required	...the percentage of finishing materials applied with conventional air spray guns for each semiannual period as required by 40 CFR 63.803(h)(5).	3704.03(E)	Fed	1996 CTG - Control of Volatile Organic Compound Emissions from Wood Furniture Manufacturing Operations	Yes	Yes	No
3745-21-15	(K)(5)(f)(i)(b)	required	A record indicating that a monthly inspection of the monitoring device, if required under this rule, has been done.	3704.03(E)	Fed	1996 CTG - Control of Volatile Organic Compound Emissions from Wood Furniture Manufacturing Operations	Yes	Yes	No
3745-21-15	(L)(2)(d)(i)	required	Information on designated topcoats and sealers to be controlled and the data recorded pursuant to paragraph (I)(6) of this rule that demonstrate the required overall control efficiency for each topcoat and sealer to be controlled.	3704.03(E)	Fed	1996 CTG - Control of Volatile Organic Compound Emissions from Wood Furniture Manufacturing Operations	Yes	Yes	No
3745-21-15	(L)(2)(d)(iv)	required	...raw data sheets for field and laboratory analyses, documentation of calculations, and any other information required by the test method.	3704.03(E)	Fed	1996 CTG - Control of Volatile Organic Compound Emissions from Wood Furniture Manufacturing Operations	Yes	Yes	No
3745-21-15	(L)(3)(c)	required	For any VOC emission control system employed to met paragraph (D)(3), (D)(4)(a), or (D)(5)(a) of this rule, any changes to monitoring devices previously reported and required under paragraph (H) of this rule.	3704.03(E)	Fed	1996 CTG - Control of Volatile Organic Compound Emissions from Wood Furniture Manufacturing Operations	Yes	Yes	No
3745-21-15	(L)(e)(iii)(d)	required	...has met the overall reduction of VOC emissions required under paragraph (D)(3) of this rule for each topcoat and sealer designated for control during the semiannual reporting period...	3704.03(E)	Fed	1996 CTG - Control of Volatile Organic Compound Emissions from Wood Furniture Manufacturing Operations	Yes	Yes	No
3745-21-15	(N)(5)	required	The notification required in paragraphs (N)(1) to (N)(4) of this rule shall include the following information:	3704.03(E)	Fed	1996 CTG - Control of Volatile Organic Compound Emissions from Wood Furniture Manufacturing Operations	Yes	Yes	No
3745-21-15	(N)(5)(e)(ii)	required	An application for an operating permit or permit-to-install and operate is not required provided the subject process is operating under an effective permit and certifies compliance.	3704.03(E)	Fed	1996 CTG - Control of Volatile Organic Compound Emissions from Wood Furniture Manufacturing Operations	Yes	Yes	No
3745-21-10-AppA	1.2	shall	For those systems equipped with a P/V valve(s) allowed to have a designed cracking pressure less than 2.5 inches H2O, the valve(s) shall be bagged to eliminate, from the test results, any flow contribution through the valve assembly.	3704.03(E)	Fed	CAA 182	Yes	Yes	No
3745-21-10-AppA	1.2	shall	The valve/vent pipe connection, however, shall remain unobstructed during this test.	3704.03(E)	Fed	CAA 182	Yes	Yes	No
3745-21-10-AppA	1.3	shall	For those facilities not required to be equipped with a P/V valve(s), the vent pipe(s) shall be capped.	3704.03(E)	Fed	CAA 182	Yes	Yes	No
3745-21-10-AppA	2.1	shall	For the purpose of compliance determination, this test shall be conducted after all back-filling, paving, and installation of all Stage I and Stage II components...	3704.03(E)	Fed	CAA 182	Yes	Yes	No
3745-21-10-AppA	2.2	shall	For a GDF equipped with a coaxial Stage I system this test shall be conducted at a Stage II vapor riser.	3704.03(E)	Fed	CAA 182	Yes	Yes	No

3745-21-10-AppA	2.2	shall	For a GDF which utilizes a two-point Stage I system this test shall be conducted at the Stage I vapor coupler, provided that the criteria set forth in Section 6.7 have been met.	3704.03(E)	Fed	CAA 182	Yes	Yes	No
3745-21-10-AppA	2.2	shall	If the integrity criteria for two-point systems specified in Section 6.7 are met, this test shall be conducted at the Stage I vapor coupler unless the vapor control system...	3704.03(E)	Fed	CAA 182	Yes	Yes	No
3745-21-10-AppA	3.1	shall	If mechanical pressure gauges are employed, the full-scale range of the pressure gauges shall be 0-2.0, 0-1.0, and 0-0.50 inches H2O column.	3704.03(E)	Fed	CAA 182	Yes	Yes	No
3745-21-10-AppA	3.1	shall	Maximum incremental graduations of the pressure gauge shall be 0.05 inches H2O and the minimum accuracy of the gauge shall be three percent of full scale.	3704.03(E)	Fed	CAA 182	Yes	Yes	No
3745-21-10-AppA	3.1	shall	The minimum diameter of the pressure gauge face shall be 4 inches.	3704.03(E)	Fed	CAA 182	Yes	Yes	No
3745-21-10-AppA	3.2	shall not	If an electronic pressure measuring device is used, the full-scale range of the device shall not exceed 0-10 inches H2O with a minimum accuracy of 0.5 percent of fullscale.	3704.03(E)	Fed	CAA 182	Yes	Yes	No
3745-21-10-AppA	3.3	shall	The minimum ullage during the test shall be 25 percent of the tank capacity (total of all tanks if manifolded) or 500 gallons, whichever is greater.	3704.03(E)	Fed	CAA 182	Yes	Yes	No
3745-21-10-AppA	3.3	shall	The maximum total ullage shall be 25,000 gallons.	3704.03(E)	Fed	CAA 182	Yes	Yes	No
3745-21-10-AppA	3.4	shall	The minimum and maximum nitrogen feed-rates, into the system, shall be one (1) and five (5) CFM, respectively.	3704.03(E)	Fed	CAA 182	Yes	Yes	No
3745-21-10-AppA	4.1	shall not	Nitrogen shall not be introduced into the system at flowrates exceeding five (5) CFM as this may bias the results of the test toward non-compliance.	3704.03(E)	Fed	CAA 182	Yes	Yes	No
3745-21-10-AppA	4.2	shall	For vacuum-assist Stage II systems which utilize an incinerator, power to the collection unit shall be turned off during testing.	3704.03(E)	Fed	CAA 182	Yes	Yes	No
3745-21-10-AppA	4.3	shall	For vacuum-assist systems which locate the vacuum producing device in-line, between the Stage II vapor riser and the storage tank, the following shall apply:	3704.03(E)	Fed	CAA 182	Yes	Yes	No
3745-21-10-AppA	4.3.1	shall	A valve shall be installed at the vacuum producing device. When closed, this valve shall isolate the vapor passage downstream of the vacuum producing device.	3704.03(E)	Fed	CAA 182	Yes	Yes	No
3745-21-10-AppA	4.3.2	shall	The storage tank side of the vacuum producing device shall be tested in accordance with the procedures outlined in Section 7 of this method.	3704.03(E)	Fed	CAA 182	Yes	Yes	No
3745-21-10-AppA	4.3.2	shall	Compliance shall be determined by comparing the final five-minute pressure with the allowable minimum five-minute final pressure from the first column...	3704.03(E)	Fed	CAA 182	Yes	Yes	No
3745-21-10-AppA	4.3.3	shall	The upstream vapor passage (nozzle to vacuum producing device) shall also be tested.	3704.03(E)	Fed	CAA 182	Yes	Yes	No
3745-21-10-AppA	4.3.3	shall	Methodology for this test shall be submitted to the Ohio EPA, Division of Air Pollution Control for approval prior to submission of test results...	3704.03(E)	Fed	CAA 182	Yes	Yes	No
3745-21-10-AppA	4.3.3	shall	...test results or shall be conducted in accordance with the procedures set forth in the applicable CARB Executive Order.	3704.03(E)	Fed	CAA 182	Yes	Yes	No
3745-21-10-AppA	5.2	shall	The pressure measuring device shall , at a minimum, be readable to the 0.05 inches H2O.	3704.03(E)	Fed	CAA 182	Yes	Yes	No
3745-21-10-AppA	5.4	shall	If the test is to be conducted at the storage tank Stage I vapor coupler, this assembly shall be used prior to conducting the static leak test in order to verify the pressure integrity of the vapor poppet.	3704.03(E)	Fed	CAA 182	Yes	Yes	No
3745-21-10-AppA	5.4	shall not	The internal volume of this assembly shall not exceed 0.1 cubic feet.	3704.03(E)	Fed	CAA 182	Yes	Yes	No
3745-21-10-AppA	5.7	shall	This pressure shall be set such that the nitrogen flowrate is between 1.0 and 5.0 CFM.	3704.03(E)	Fed	CAA 182	Yes	Yes	No
3745-21-10-AppA	6.1	shall	The following safety precautions shall be followed:	3704.03(E)	Fed	CAA 182	Yes	Yes	No
3745-21-10-AppA	6.1.1	shall	Only grounded nitrogen shall be used to pressurize the system.	3704.03(E)	Fed	CAA 182	Yes	Yes	No
3745-21-10-AppA	6.1.2	shall	A one psig relief valve shall be installed to prevent the possible overpressurizing of the storage tank.	3704.03(E)	Fed	CAA 182	Yes	Yes	No
3745-21-10-AppA	6.2	shall not	Product dispensing shall not occur during the test.	3704.03(E)	Fed	CAA 182	Yes	Yes	No
3745-21-10-AppA	6.2	shall	There shall have been no Stage I deliveries into or out of the storage tanks within the three hours prior to the test.	3704.03(E)	Fed	CAA 182	Yes	Yes	No
3745-21-10-AppA	6.2	shall not	For vacuum-assist Stage II systems, product dispensing shall not occur during the thirty minutes immediately prior to the test.	3704.03(E)	Fed	CAA 182	Yes	Yes	No
3745-21-10-AppA	6.3	shall	The minimum ullage during the test shall be 25 percent of the tank capacity (total of all tanks if manifolded) or 500 gallons, whichever is greater.	3704.03(E)	Fed	CAA 182	Yes	Yes	No

3745-21-10-AppA	6.3	shall not	The total ullage shall not exceed 25,000 gallons.	3704.03(E)	Fed	CAA 182	Yes	Yes	No
3745-21-10-AppA	6.4	shall	For two-point Stage I systems, this test shall be conducted with the dust cap removed from the vapor coupler.	3704.03(E)	Fed	CAA 182	Yes	Yes	No
3745-21-10-AppA	6.4.1	shall	For coaxial Stage I systems this test shall be conducted with the dust cap removed from the Stage I coupler.	3704.03(E)	Fed	CAA 182	Yes	Yes	No
3745-21-10-AppA	6.5	shall	This test shall , however, be conducted with the drain valve installed and the manhole cover removed.	3704.03(E)	Fed	CAA 182	Yes	Yes	No
3745-21-10-AppA	6.6.1	shall	For those Stage II systems utilizing a dispenser mounted remote vapor check valve, the "T" connector assembly shall be installed on the vapor riser side of the check valve.	3704.03(E)	Fed	CAA 182	Yes	Yes	No
3745-21-10-AppA	6.7	shall	If this test is to be conducted at the Stage I vapor coupler on a two-point Stage I system, the procedures set forth in subsections 6.7.1 and 6.7.2 shall be successfully completed prior to testing.	3704.03(E)	Fed	CAA 182	Yes	Yes	No
3745-21-10-AppA	6.7	shall not	The static leak test shall not be conducted at the Stage I coupler at facilities equipped with coaxial Stage I systems.	3704.03(E)	Fed	CAA 182	Yes	Yes	No
3745-21-10-AppA	6.8	shall	All pressure measuring device(s) shall be bench calibrated using either a reference gauge or incline manometer.	3704.03(E)	Fed	CAA 182	Yes	Yes	No
3745-21-10-AppA	6.8	shall	Calibration shall be performed at 20, 50, and 80 percent of full scale.	3704.03(E)	Fed	CAA 182	Yes	Yes	No
3745-21-10-AppA	6.8	shall	Accuracy shall be within two percent at each of these calibration points.	3704.03(E)	Fed	CAA 182	Yes	Yes	No
3745-21-10-AppA	6.8	shall	Calibrations shall be conducted on a frequency not to exceed 90 days.	3704.03(E)	Fed	CAA 182	Yes	Yes	No
3745-21-10-AppA	6.8	shall	The individual conducting the test shall supply to the Ohio EPA or its designated local air agency with proof of equipment calibration meeting the requirements of this Section.	3704.03(E)	Fed	CAA 182	Yes	Yes	No
3745-21-10-AppA	7.4.1	shall	...a CARB-certified replacement drain valve assembly is not marketed, the following two subsections shall apply:	3704.03(E)	Fed	CAA 182	Yes	Yes	No
3745-21-10-AppA	7.4.1.1	shall	If the facility complies with the static leak test standards under these conditions, the facility shall be considered complying with the requirements...	3704.03(E)	Fed	CAA 182	Yes	Yes	No
3745-21-10-AppA	7.4.1.2	shall not	The criteria set forth in subsection 7.4.1.1 shall not apply after July 1, 1996.	3704.03(E)	Fed	CAA 182	Yes	Yes	No
3745-21-10-AppA	9.1	shall	For Stage II Balance Systems, the minimum allowable five-minute final pressure, with an initial pressure of two (2.0) inches H2O, shall be calculated as follows:	3704.03(E)	Fed	CAA 182	Yes	Yes	No
3745-21-10-AppA	9.2	shall	For Stage II Vacuum Assist Systems, the minimum allowable five-minute final pressure, with an initial pressure of two (2.0) inches H2O, shall be calculated as follows:	3704.03(E)	Fed	CAA 182	Yes	Yes	No
3745-21-10-AppA	9.3	shall	The minimum time required to pressure the system ullage to two (2.0) inches H2O shall be calculated as follows:	3704.03(E)	Fed	CAA 182	Yes	Yes	No
3745-21-10-AppA	9.4	shall	If the policy of the local district requires an allowable tolerance for testing error, the minimum allowable five-minute final pressure, including testing error, shall be calculated as follows:	3704.03(E)	Fed	CAA 182	Yes	Yes	No
3745-21-10-AppA	10.1	shall	The calculated ullage and system pressures for each five-minute vapor control system test shall be reported as shown in Form 1.	3704.03(E)	Fed	CAA 182	Yes	Yes	No
3745-21-10-AppA	Table IA Note	shall	For manifolded Stage II Balance Systems, the "Number of Affected Nozzles" shall be the total of all gasoline nozzles.	3704.03(E)	Fed	CAA 182	Yes	Yes	No
3745-21-10-AppA	Table IA Note	shall	For dedicated return configurations, the "Number of Affected Nozzles" shall be the total of those nozzles served by the tank being tested.	3704.03(E)	Fed	CAA 182	Yes	Yes	No
3745-21-10-AppA	Table IB Note	shall	For manifolded Stage II Assist Systems, the "Number of Affected Nozzles" shall be the total of all gasoline nozzles.	3704.03(E)	Fed	CAA 182	Yes	Yes	No
3745-21-10-AppA	Table IB Note	shall	For dedicated return configurations, the "Number of Affected Nozzles" shall be the total of those nozzles served by the tank being tested.	3704.03(E)	Fed	CAA 182	Yes	Yes	No
3745-21-10-AppA	1.3	required	For those facilities not required to be equipped with a P/V valve(s), the vent pipe(s) shall be capped.	3704.03(E)	Fed	CAA 182	Yes	Yes	No
3745-21-10-AppA	5.1	required	A one psig (maximum) pressure relief valve is required and must be present.	3704.03(E)	Fed	CAA 182	Yes	Yes	No
3745-21-10-AppA	5.7	required	Use a Dwyer flowmeter, Model RMC-104, or equivalent, to determine the required pressure setting of the delivery pressure gauge on the nitrogen supply pressure regulator.	3704.03(E)	Fed	CAA 182	Yes	Yes	No
3745-21-10-AppA	6.10	required	Use Equation 9.3 to calculate the approximate time required to pressurize the system ullage to the initial starting pressure of two (2.0) inches H2O.	3704.03(E)	Fed	CAA 182	Yes	Yes	No
3745-21-10-AppA	7.1.1	required	If the time required to achieve the initial pressure of two (2.0) inches H2O exceeds twice the time derived from Equation 9.3, stop the test...	3704.03(E)	Fed	CAA 182	Yes	Yes	No
3745-21-10-AppA	9.1	required	The minimum time required to pressure the system ullage to two (2.0) inches H2O shall be calculated as follows:	3704.03(E)	Fed	CAA 182	Yes	Yes	No

3745-21-10-AppA	9.4	requires	If the policy of the local district requires an allowable tolerance for testing error, the minimum allowable five-minute final pressure, including testing error, shall be calculated as follows:	3704.03(E)	Fed	CAA 182	Yes	Yes	No
3745-21-10-AppA	5.1	must	A one psig (maximum) pressure relief valve is required and must be present.	3704.03(E)	Fed	CAA 182	Yes	Yes	No
3745-21-10-AppA	6.1	must	In addition, the cylinder of nitrogen must be grounded.	3704.03(E)	Fed	CAA 182	Yes	Yes	No
3745-21-10-AppB	1.1.4	shall	This procedure shall be conducted, in conjunction with the applicable of Alternate Methods 1, 2, or 3 if the Stage II system utilizes an incinerator.	3704.03(E)	Fed	CAA 182	Yes	Yes	No
3745-21-10-AppB	1.2	shall	Alternate Methods 1 and 2 shall be conducted with the Stage I vapor poppet open. Alternate Methods 3 and 4 shall be conducted with the poppet closed.	3704.03(E)	Fed	CAA 182	Yes	Yes	No
3745-21-10-AppB	1.2	shall	Alternate Methods 1 and 2 shall be conducted with the Stage I vapor poppet open. Alternate Methods 3 and 4 shall be conducted with the poppet closed.	3704.03(E)	Fed	CAA 182	Yes	Yes	No
3745-21-10-AppB	1.3	shall	Other Alternate Methods may be used provided that written approval has been granted by the Ohio EPA, Division of Air Pollution Control. Such approval shall be based upon demonstrated equivalency of any proposed methodology.	3704.03(E)	Fed	CAA 182	Yes	Yes	Yes
3745-21-10-AppB	3.2	shall	If mechanical pressure gauges are employed, the minimum diameter of the gauge face shall be four inches, and the minimum accuracy of the gauge shall be three percent of full scale.	3704.03(E)	Fed	CAA 182	Yes	Yes	No
3745-21-10-AppB	3.2	shall	If mechanical pressure gauges are employed, the minimum diameter of the gauge face shall be four inches, and the minimum accuracy of the gauge shall be three percent of full scale.	3704.03(E)	Fed	CAA 182	Yes	Yes	No
3745-21-10-AppB	3.3	shall not	If an electronic pressure measuring device is used, the full-scale range of the device shall not shall not exceed 0-10 inches H2O with a minimum accuracy of 0.5 percent of full scale.	3704.03(E)	Fed	CAA 182	Yes	Yes	No
3745-21-10-AppB	4.2	shall	For those Stage II systems possessing a design incompatible with this test procedure, testing shall be conducted in accordance with the procedures specified in the applicable CARB Executive Order.	3704.03(E)	Fed	CAA 182	Yes	Yes	No
3745-21-10-AppB	6.1	shall	If a Hirt Stage II system is used, the vacuum producing device shall be turned off during this test.	3704.03(E)	Fed	CAA 182	Yes	Yes	No
3745-21-10-AppB	6.1.3	shall	All leak sources shall be repaired or the component(s) removed and replaced prior to testing.	3704.03(E)	Fed	CAA 182	Yes	Yes	No
3745-21-10-AppB	6.1.4	shall	The Stage I vapor poppet shall be propped open in such a manner that the valve is not damaged.	3704.03(E)	Fed	CAA 182	Yes	Yes	No
3745-21-10-AppB	6.3.2	shall	The Stage I vapor poppet shall remain closed during this test.	3704.03(E)	Fed	CAA 182	Yes	Yes	No
3745-21-10-AppB	7.1.4	shall	The following information shall be recorded on the field data sheet, as shown in Form 1:	3704.03(E)	Fed	CAA 182	Yes	Yes	No
3745-21-10-AppB	7.2	shall	Those Stage II systems subject to regulatory limitations on the dynamic back pressure between the Stage II riser and gasoline storage tank shall be tested using this methodology.	3704.03(E)	Fed	CAA 182	Yes	Yes	No
3745-21-10-AppB	7.2.5	shall	The following information shall be recorded on the field data sheet, as shown in Form 2:	3704.03(E)	Fed	CAA 182	Yes	Yes	No
3745-21-10-AppB	7.3	shall	...the dynamic back pressure at the nozzle/fillpipe interface during gasoline dispensing shall use the following methodology.	3704.03(E)	Fed	CAA 182	Yes	Yes	No
3745-21-10-AppB	7.3.4	shall	The following data shall be recorded on the field data sheet as shown in Form 3:	3704.03(E)	Fed	CAA 182	Yes	Yes	No
3745-21-10-AppB	7.3.5	shall	This Alternate Method shall only be conducted with the Stage I vapor poppet closed, since gasoline is being dispensed during the test.	3704.03(E)	Fed	CAA 182	Yes	Yes	No
3745-21-10-AppB	7.4	shall	Those Stage II systems which utilize an incinerator shall conduct this test in conjunction with the applicable of Alternate Method 1, 2, or 3.	3704.03(E)	Fed	CAA 182	Yes	Yes	No
3745-21-10-AppB	7.4.8	shall	A dynamic back pressure, from the top of the vent pipe to the storage tank, of less than 0.5 inches H2O shall be considered acceptable.	3704.03(E)	Fed	CAA 182	Yes	Yes	No
3745-21-10-AppB	8.1	shall	Results of the dynamic back pressure test shall be reported as shown below:	3704.03(E)	Fed	CAA 182	Yes	Yes	No
3745-21-10-AppB	3.1	required	Required gauge ranges are as follows:	3704.03(E)	Fed	CAA 182	Yes	Yes	No
3745-21-10-AppB	7.1.2	required	Open the nitrogen supply, set the delivery pressure to 5 psig, and use the flowmeter control valve to adjust the flowrate to lowest of the required nitrogen flowrates.	3704.03(E)	Fed	CAA 182	Yes	Yes	No
3745-21-10-AppB	7.1.5	required	Repeat subsections 7.1.2 through 7.1.4 at all required nitrogen flowrates for each and every nozzle.	3704.03(E)	Fed	CAA 182	Yes	Yes	No
3745-21-10-AppB	7.2.3	required	Open the nitrogen supply, set the delivery pressure to 5 psig, and use the flowmeter control valve to adjust the flowrate to lowest of the required nitrogen flowrates.	3704.03(E)	Fed	CAA 182	Yes	Yes	No
3745-21-10-AppB	7.2.6	required	Repeat subsections 7.2.3 through 7.2.5 at all required nitrogen flowrates for each and every riser.	3704.03(E)	Fed	CAA 182	Yes	Yes	No

3745-21-10-AppB	5.1	must	The nitrogen cylinder must be grounded and the one psig (maximum) relief valve must be present during the test.	3704.03(E)	Fed	CAA 182	Yes	Yes	No
3745-21-10-AppB	6.1	must	The nitrogen cylinder must be grounded and the one psig (maximum) relief valve must be present during the test.	3704.03(E)	Fed	CAA 182	Yes	Yes	No
3745-21-10-AppB	6.1.2	must	The test equipment must be leak-checked prior to use.	3704.03(E)	Fed	CAA 182	Yes	Yes	No
3745-21-10-AppB	7.1.3	must	If this condition re-occurs, the cause of the liquid trap in the system must be corrected.	3704.03(E)	Fed	CAA 182	Yes	Yes	No
3745-21-10-AppB	7.2.4	must	If this occurs, the cause of the liquid trap must be corrected.	3704.03(E)	Fed	CAA 182	Yes	Yes	No
3745-21-16	(A)(1)	shall	Except as otherwise provided in paragraphs (A)(4) and (A)(5) of this rule, paragraph (C) of this rule shall apply to any facility that generates process wastewater from an affected industrial category and meets either paragraphs...	3704.03(E)	Fed	1994 ACT - Control of Volatile Organic Compound Emissions from Industrial Wastewater.	Yes	Yes	No
3745-21-16	(A)(2)	shall	For the purposes of paragraphs (A)(1)(a) to (A)(1)(d) of this rule, a source shall be considered regulated by a paragraph, rule or subpart if the source is subject to the limits of that paragraph, rule, or subpart.	3704.03(E)	Fed	1994 ACT - Control of Volatile Organic Compound Emissions from Industrial Wastewater.	Yes	Yes	No
3745-21-16	(C)(1)	shall	Except as otherwise exempted under paragraph (C)(2) of this rule, the owner or operator of an affected industrial category at a facility that meets the applicability criteria of paragraph (A) of this rule shall comply with paragraphs (D) to (L) of this rule.	3704.03(E)	Fed	1994 ACT - Control of Volatile Organic Compound Emissions from Industrial Wastewater.	Yes	Yes	No
3745-21-16	(C)(2)	shall	The following exemptions shall apply:	3704.03(E)	Fed	1994 ACT - Control of Volatile Organic Compound Emissions from Industrial Wastewater.	Yes	Yes	No
3745-21-16	(C)(2)(c)	shall	The USEPA shall approve the request if justified by the likelihood and magnitude of the potential injury and if the USEPA determines that reducing or eliminating the hazard is technologically or economically unreasonable.	3704.03(E)	Fed	1994 ACT - Control of Volatile Organic Compound Emissions from Industrial Wastewater.	Yes	Yes	Yes
3745-21-16	(C)(2)(c)	shall	Such approval shall occur when the Ohio EPA is informed, in writing, that USEPA has no objections to this exemption.	3704.03(E)	Fed	1994 ACT - Control of Volatile Organic Compound Emissions from Industrial Wastewater.	Yes	Yes	No
3745-21-16	(D)(1)	shall	The owner or operator of a facility with an affected industrial category shall comply with the following control requirements.	3704.03(E)	Fed	1994 ACT - Control of Volatile Organic Compound Emissions from Industrial Wastewater.	Yes	Yes	No
3745-21-16	(D)(1)	shall	Any waste management unit that receives, manages, or treats an affected VOC wastewater stream or affected residual shall be controlled in accordance with paragraph...	3704.03(E)	Fed	1994 ACT - Control of Volatile Organic Compound Emissions from Industrial Wastewater.	Yes	Yes	No
3745-21-16	(D)(2)	shall	The owner or operator of a facility with an affected industrial category shall comply with the following control requirements.	3704.03(E)	Fed	1994 ACT - Control of Volatile Organic Compound Emissions from Industrial Wastewater.	Yes	Yes	No
3745-21-16	(D)(2)	shall	Any waste management unit that receives, manages, or treats an affected VOC wastewater stream or an affected residual shall be controlled in accordance with paragraphs (D)(3) to (D)(8) of this rule.	3704.03(E)	Fed	1994 ACT - Control of Volatile Organic Compound Emissions from Industrial Wastewater.	Yes	Yes	No
3745-21-16	(D)(3)	shall	For each individual drain system that receives or manages an affected VOC wastewater stream or an affected residual, the owner or operator shall comply with either of the following:	3704.03(E)	Fed	1994 ACT - Control of Volatile Organic Compound Emissions from Industrial Wastewater.	Yes	Yes	No
3745-21-16	(D)(3)(a)	shall	The owner or operator shall operate and maintain on each opening in the individual drain system a cover and if vented...	3704.03(E)	Fed	1994 ACT - Control of Volatile Organic Compound Emissions from Industrial Wastewater.	Yes	Yes	No
3745-21-16	(D)(3)(a)(i)	shall	The cover and all openings shall be maintained in a closed position at all times that an affected VOC wastewater stream or an affected residual is in the drain system...	3704.03(E)	Fed	1994 ACT - Control of Volatile Organic Compound Emissions from Industrial Wastewater.	Yes	Yes	No
3745-21-16	(D)(3)(a)(iii)	shall	The control device shall be designed and operated to reduce the affected VOC vented to it by at least ninety per cent by weight.	3704.03(E)	Fed	1994 ACT - Control of Volatile Organic Compound Emissions from Industrial Wastewater.	Yes	Yes	No
3745-21-16	(D)(3)(a)(iii)	shall	The individual drain system shall be designed and operated to segregate the vapors within the system from other drain systems and the atmosphere.	3704.03(E)	Fed	1994 ACT - Control of Volatile Organic Compound Emissions from Industrial Wastewater.	Yes	Yes	No
3745-21-16	(D)(3)(b)	shall	The owner or operator shall comply with the following:	3704.03(E)	Fed	1994 ACT - Control of Volatile Organic Compound Emissions from Industrial Wastewater.	Yes	Yes	No
3745-21-16	(D)(3)(b)(i)	shall	Each drain shall be equipped with water seal controls or a tightly fitting cap or plug.	3704.03(E)	Fed	1994 ACT - Control of Volatile Organic Compound Emissions from Industrial Wastewater.	Yes	Yes	No

3745-21-16	(D)(3)(b)(ii)	shall	If a water seal is used on a drain receiving an affected VOC wastewater stream or an affected residual, the owner or operator shall either extend the pipe discharging the wastewater...	3704.03(E)	Fed	1994 ACT - Control of Volatile Organic Compound Emissions from Industrial Wastewater.	Yes	Yes	No
3745-21-16	(D)(3)(b)(iii)	shall	Each junction box shall be equipped with a tightly fitting solid cover (i.e., no visible gaps, cracks, or holes) which shall be kept in place at all times except during inspection and maintenance.	3704.03(E)	Fed	1994 ACT - Control of Volatile Organic Compound Emissions from Industrial Wastewater.	Yes	Yes	No
3745-21-16	(D)(3)(b)(iii)	shall	Each junction box shall be equipped with a tightly fitting solid cover (i.e., no visible gaps, cracks, or holes) which shall be kept in place at all times except during inspection and maintenance.	3704.03(E)	Fed	1994 ACT - Control of Volatile Organic Compound Emissions from Industrial Wastewater.	Yes	Yes	No
3745-21-16	(D)(3)(b)(iv)	shall	If the junction box is vented, the owner or operator shall comply with one of the following:	3704.03(E)	Fed	1994 ACT - Control of Volatile Organic Compound Emissions from Industrial Wastewater.	Yes	Yes	No
3745-21-16	(D)(3)(b)(iv)(a)	shall	The junction box shall be vented to a process or through a closed vent system to a control device...	3704.03(E)	Fed	1994 ACT - Control of Volatile Organic Compound Emissions from Industrial Wastewater.	Yes	Yes	No
3745-21-16	(D)(3)(b)(iv)(b)(i)	shall	The vent pipe shall be at least ninety centimeters in length and no greater than 10.2 centimeters in nominal inside diameter.	3704.03(E)	Fed	1994 ACT - Control of Volatile Organic Compound Emissions from Industrial Wastewater.	Yes	Yes	No
3745-21-16	(D)(3)(b)(iv)(b)(ii)	shall	Water seals shall be installed and maintained at the wastewater entrance to or exit from the junction box restricting ventilation in the individual drain...	3704.03(E)	Fed	1994 ACT - Control of Volatile Organic Compound Emissions from Industrial Wastewater.	Yes	Yes	No
3745-21-16	(D)(3)(b)(v)	shall not	Each sewer line shall not be open to the atmosphere and shall be covered or enclosed in a manner so as to have no visible gaps or cracks in joints, seals, or other emission interfaces.	3704.03(E)	Fed	1994 ACT - Control of Volatile Organic Compound Emissions from Industrial Wastewater.	Yes	Yes	No
3745-21-16	(D)(3)(b)(v)	shall	Each sewer line shall not be open to the atmosphere and shall be covered or enclosed in a manner so as to have no visible gaps or cracks in joints, seals, or other emission interfaces.	3704.03(E)	Fed	1994 ACT - Control of Volatile Organic Compound Emissions from Industrial Wastewater.	Yes	Yes	No
3745-21-16	(D)(4)	shall	For each surface impoundment that receives, manages, or treats an affected VOC wastewater stream or an affected residual, the owner or operator shall comply with either of the following:	3704.03(E)	Fed	1994 ACT - Control of Volatile Organic Compound Emissions from Industrial Wastewater.	Yes	Yes	No
3745-21-16	(D)(4)(a)	shall	The surface impoundment shall be equipped with a cover (e.g., air-supported structure or rigid cover) and a closed-vent system which routes the VOC vapors vented from the surface impoundment...	3704.03(E)	Fed	1994 ACT - Control of Volatile Organic Compound Emissions from Industrial Wastewater.	Yes	Yes	No
3745-21-16	(D)(4)(a)(i)	shall	Each opening (e.g., access hatch, sampling port, and gauge well) shall be maintained in a closed position (e.g., covered by a lid) at all times that an affected VOC wastewater stream...	3704.03(E)	Fed	1994 ACT - Control of Volatile Organic Compound Emissions from Industrial Wastewater.	Yes	Yes	No
3745-21-16	(D)(4)(a)(ii)	shall	The cover shall be used at all times that an affected VOC wastewater stream or an affected residual is in the surface impoundment except during removal of treatment residuals...	3704.03(E)	Fed	1994 ACT - Control of Volatile Organic Compound Emissions from Industrial Wastewater.	Yes	Yes	No
3745-21-16	(D)(4)(a)(iii)	shall	The control device shall be designed and operated to reduce the affected VOC vented to it by at least ninety per cent by weight.	3704.03(E)	Fed	1994 ACT - Control of Volatile Organic Compound Emissions from Industrial Wastewater.	Yes	Yes	No
3745-21-16	(D)(4)(b)	shall	The surface impoundment shall be equipped with a floating flexible membrane cover that meets the following:	3704.03(E)	Fed	1994 ACT - Control of Volatile Organic Compound Emissions from Industrial Wastewater.	Yes	Yes	No
3745-21-16	(D)(4)(b)(i)	shall	The flexible membrane cover shall be designed to float on the liquid surface during normal operations, and to form a continuous barrier over the entire surface area of the liquid.	3704.03(E)	Fed	1994 ACT - Control of Volatile Organic Compound Emissions from Industrial Wastewater.	Yes	Yes	No
3745-21-16	(D)(4)(b)(ii)	shall	The flexible membrane cover shall be fabricated from a synthetic membrane material that is either a high density polyethylene with a thickness no less than 2.5 millimeters...	3704.03(E)	Fed	1994 ACT - Control of Volatile Organic Compound Emissions from Industrial Wastewater.	Yes	Yes	No
3745-21-16	(D)(4)(b)(iii)	shall	The flexible membrane cover shall be installed in a manner such that there are no visible cracks, holes, gaps, or other open spaces between cover section seams or between the interface of the cover edge...	3704.03(E)	Fed	1994 ACT - Control of Volatile Organic Compound Emissions from Industrial Wastewater.	Yes	Yes	No
3745-21-16	(D)(4)(b)(iv)	shall	Except as provided for in paragraph (D)(4)(b)(v) of this rule, each opening in the flexible membrane cover shall be equipped with a closure device designed to operate...	3704.03(E)	Fed	1994 ACT - Control of Volatile Organic Compound Emissions from Industrial Wastewater.	Yes	Yes	No
3745-21-16	(D)(4)(b)(v)	shall	Each emergency cover drain shall be equipped with a slotted membrane fabric cover that covers at least ninety per cent of the area of the opening or a flexible fabric sleeve seal.	3704.03(E)	Fed	1994 ACT - Control of Volatile Organic Compound Emissions from Industrial Wastewater.	Yes	Yes	No

3745-21-16	(D)(4)(b)(vi)	shall	Whenever an affected VOC wastewater stream or an affected residual is in the surface impoundment, the flexible membrane cover shall float on the liquid and each closure device shall be secured in the closed position.	3704.03(E)	Fed	1994 ACT - Control of Volatile Organic Compound Emissions from Industrial Wastewater.	Yes	Yes	No
3745-21-16	(D)(4)(b)(vi)	shall	Whenever an affected VOC wastewater stream or an affected residual is in the surface impoundment, the flexible membrane cover shall float on the liquid and each closure device shall be secured in the closed position.	3704.03(E)	Fed	1994 ACT - Control of Volatile Organic Compound Emissions from Industrial Wastewater.	Yes	Yes	No
3745-21-16	(D)(5)	shall	For each oil-water separator that receives, manages, or treats an affected VOC wastewater stream or an affected residual, the owner or operator shall comply with either of the following:	3704.03(E)	Fed	1994 ACT - Control of Volatile Organic Compound Emissions from Industrial Wastewater.	Yes	Yes	No
3745-21-16	(D)(5)(a)	shall	The oil-water separator shall be equipped with a fixed roof and a closed vent system that routes the vapors vented from the oil-water separator to a control device in accordance with following:	3704.03(E)	Fed	1994 ACT - Control of Volatile Organic Compound Emissions from Industrial Wastewater.	Yes	Yes	No
3745-21-16	(D)(5)(a)(i)	shall	Each opening in the fixed roof (e.g., access hatches, sampling ports, and gauge wells) shall be maintained in a closed, sealed position (e.g., covered by a lid that is gasketed and latched) at all times...	3704.03(E)	Fed	1994 ACT - Control of Volatile Organic Compound Emissions from Industrial Wastewater.	Yes	Yes	No
3745-21-16	(D)(5)(a)(ii)	shall	The control device shall be designed and operated to reduce the VOC vented to it by at least ninety per cent by weight.	3704.03(E)	Fed	1994 ACT - Control of Volatile Organic Compound Emissions from Industrial Wastewater.	Yes	Yes	No
3745-21-16	(D)(5)(b)	shall	The oil-water separator shall be equipped with a floating roof in accordance with the following:	3704.03(E)	Fed	1994 ACT - Control of Volatile Organic Compound Emissions from Industrial Wastewater.	Yes	Yes	No
3745-21-16		shall	The oil-water separator shall be equipped with a floating roof that has a closure device between the floating roof and the wall of the separator.	3704.03(E)	Fed	1994 ACT - Control of Volatile Organic Compound Emissions from Industrial Wastewater.	Yes	Yes	No
3745-21-16		shall	...the owner or operator shall operate and maintain a fixed roof, closed vent system, and control device that meets paragraph (D)(5)(a) of this rule.	3704.03(E)	Fed	1994 ACT - Control of Volatile Organic Compound Emissions from Industrial Wastewater.	Yes	Yes	No
3745-21-16		shall	The closure device shall consist of a primary seal and a secondary seal.	3704.03(E)	Fed	1994 ACT - Control of Volatile Organic Compound Emissions from Industrial Wastewater.	Yes	Yes	No
3745-21-16		shall	The primary seal shall be a liquid-mounted seal or a mechanical shoe seal.	3704.03(E)	Fed	1994 ACT - Control of Volatile Organic Compound Emissions from Industrial Wastewater.	Yes	Yes	No
3745-21-16		shall	The secondary seal shall be above the floating roof and cover the annular space between the floating roof and the wall of the separator.	3704.03(E)	Fed	1994 ACT - Control of Volatile Organic Compound Emissions from Industrial Wastewater.	Yes	Yes	No
3745-21-16		shall	The floating roof shall be floating on the liquid (i.e., off the roof supports) at all times except during abnormal conditions (i.e., low flow rate).	3704.03(E)	Fed	1994 ACT - Control of Volatile Organic Compound Emissions from Industrial Wastewater.	Yes	Yes	No
3745-21-16		shall	Except as provided for in paragraph (D)(5)(b)(v) of this rule, each opening in the floating roof shall be equipped with a gasketed cover...	3704.03(E)	Fed	1994 ACT - Control of Volatile Organic Compound Emissions from Industrial Wastewater.	Yes	Yes	No
3745-21-16		shall	...which shall be maintained in the closed position at all times, except during inspection and maintenance.	3704.03(E)	Fed	1994 ACT - Control of Volatile Organic Compound Emissions from Industrial Wastewater.	Yes	Yes	No
3745-21-16	(D)(5)(b)(v)	shall	Each emergency cover drain shall be equipped with a slotted membrane fabric cover that covers at least ninety per cent of the area of the opening or a flexible fabric sleeve seal.	3704.03(E)	Fed	1994 ACT - Control of Volatile Organic Compound Emissions from Industrial Wastewater.	Yes	Yes	No
3745-21-16	(D)(6)	shall	...the owner or operator shall operate and maintain a cover on the portable container and shall comply with the following:	3704.03(E)	Fed	1994 ACT - Control of Volatile Organic Compound Emissions from Industrial Wastewater.	Yes	Yes	No
3745-21-16	(D)(6)	shall	...the owner or operator shall operate and maintain a cover on the portable container and shall comply with the following:	3704.03(E)	Fed	1994 ACT - Control of Volatile Organic Compound Emissions from Industrial Wastewater.	Yes	Yes	No
3745-21-16	(D)(6)(a)	shall	The cover shall remain in place and all openings (e.g., bungs, hatches, sampling ports, and pressure relief devices) shall be maintained in a closed position (e.g., covered by a lid) at all times...	3704.03(E)	Fed	1994 ACT - Control of Volatile Organic Compound Emissions from Industrial Wastewater.	Yes	Yes	No
3745-21-16	(D)(6)(a)	shall	The cover shall remain in place and all openings (e.g., bungs, hatches, sampling ports, and pressure relief devices) shall be maintained in a closed position (e.g., covered by a lid) at all times...	3704.03(E)	Fed	1994 ACT - Control of Volatile Organic Compound Emissions from Industrial Wastewater.	Yes	Yes	No

3745-21-16	(D)(6)(b)	shall	For portable containers with a capacity greater than or equal to one hundred ten gallons, a submerged fill pipe shall be used when a container is being filled by pumping...	3704.03(E)	Fed	1994 ACT - Control of Volatile Organic Compound Emissions from Industrial Wastewater.	Yes	Yes	No
3745-21-16	(D)(6)(b)	shall	The submerged fill pipe outlet shall extend to no more than six inches or within two fill pipe diameters...	3704.03(E)	Fed	1994 ACT - Control of Volatile Organic Compound Emissions from Industrial Wastewater.	Yes	Yes	No
3745-21-16	(D)(6)(c)	shall	...the container shall be located within an enclosure with a closed-vent system that routes the VOC vapors vented from the container to a control device.	3704.03(E)	Fed	1994 ACT - Control of Volatile Organic Compound Emissions from Industrial Wastewater.	Yes	Yes	No
3745-21-16	(D)(6)(c)	shall	The control device shall be designed and operated to reduce the VOC vented to it by at least ninety per cent by weight.	3704.03(E)	Fed	1994 ACT - Control of Volatile Organic Compound Emissions from Industrial Wastewater.	Yes	Yes	No
3745-21-16	(D)(7)	shall	For each wastewater tank that receives, manages, or treats an affected VOC wastewater stream or an affected residual, the owner or operator shall comply with either of the following:	3704.03(E)	Fed	1994 ACT - Control of Volatile Organic Compound Emissions from Industrial Wastewater.	Yes	Yes	No
3745-21-16	(D)(7)(a)	shall	The owner or operator shall operate and maintain a fixed roof for the wastewater tank, except a wastewater tank that meets any of the following conditions:	3704.03(E)	Fed	1994 ACT - Control of Volatile Organic Compound Emissions from Industrial Wastewater.	Yes	Yes	No
3745-21-16	(D)(7)(b)	shall	The owner or operator shall operate and maintain one of the following emission control techniques:	3704.03(E)	Fed	1994 ACT - Control of Volatile Organic Compound Emissions from Industrial Wastewater.	Yes	Yes	No
3745-21-16	(D)(7)(b)(i)(a)	shall	Each opening in the fixed roof (e.g., access hatches, sampling ports, and gauge wells) shall be maintained in a closed position...	3704.03(E)	Fed	1994 ACT - Control of Volatile Organic Compound Emissions from Industrial Wastewater.	Yes	Yes	No
3745-21-16	(D)(7)(b)(i)(b)	shall	The control device shall be designed and operated to reduce the VOC vented to it by at least ninety per cent by weight.	3704.03(E)	Fed	1994 ACT - Control of Volatile Organic Compound Emissions from Industrial Wastewater.	Yes	Yes	No
3745-21-16	(D)(7)(b)(ii)(a)	shall	The internal floating roof shall be floating on the liquid surface at all times except when the floating roof shall be supported by the leg supports...	3704.03(E)	Fed	1994 ACT - Control of Volatile Organic Compound Emissions from Industrial Wastewater.	Yes	Yes	No
3745-21-16	(D)(7)(b)(ii)(a)	shall	...the liquid surface at all times except when the floating roof shall be supported by the leg supports during initial fill...	3704.03(E)	Fed	1994 ACT - Control of Volatile Organic Compound Emissions from Industrial Wastewater.	Yes	Yes	No
3745-21-16	(D)(7)(b)(ii)(b)	shall	When the floating roof is resting on the leg supports, the process of filling, emptying, or refilling shall be continuous and shall be accomplished as soon as practical.	3704.03(E)	Fed	1994 ACT - Control of Volatile Organic Compound Emissions from Industrial Wastewater.	Yes	Yes	No
3745-21-16	(D)(7)(b)(ii)(b)	shall	When the floating roof is resting on the leg supports, the process of filling, emptying, or refilling shall be continuous and shall be accomplished as soon as practical.	3704.03(E)	Fed	1994 ACT - Control of Volatile Organic Compound Emissions from Industrial Wastewater.	Yes	Yes	No
3745-21-16	(D)(7)(b)(ii)(c)	shall	The internal floating roof shall be equipped with a closure device between the wall of the tank and the roof edge.	3704.03(E)	Fed	1994 ACT - Control of Volatile Organic Compound Emissions from Industrial Wastewater.	Yes	Yes	No
3745-21-16	(D)(7)(b)(ii)(c)	shall	The closure device shall consist of a liquid-mounted seal, or a metallic shoe seal, or two seals mounted...	3704.03(E)	Fed	1994 ACT - Control of Volatile Organic Compound Emissions from Industrial Wastewater.	Yes	Yes	No
3745-21-16	(D)(7)(b)(ii)(c)	shall	The lower seal may be vapor-mounted, but both shall be continuous seals.	3704.03(E)	Fed	1994 ACT - Control of Volatile Organic Compound Emissions from Industrial Wastewater.	Yes	Yes	No
3745-21-16	(D)(7)(b)(ii)(f)	shall	...sample wells, and stub drains shall be equipped with a cover or lid. The cover or lid shall be equipped with a gasket.	3704.03(E)	Fed	1994 ACT - Control of Volatile Organic Compound Emissions from Industrial Wastewater.	Yes	Yes	No
3745-21-16	(D)(7)(b)(ii)(f)	shall	...sample wells, and stub drains shall be equipped with a cover or lid. The cover or lid shall be equipped with a gasket.	3704.03(E)	Fed	1994 ACT - Control of Volatile Organic Compound Emissions from Industrial Wastewater.	Yes	Yes	No
3745-21-16	(D)(7)(b)(ii)(g)	shall	Each penetration of the internal floating roof for the purposes of sampling shall be a sample well.	3704.03(E)	Fed	1994 ACT - Control of Volatile Organic Compound Emissions from Industrial Wastewater.	Yes	Yes	No
3745-21-16	(D)(7)(b)(ii)(g)	shall	Each sample well shall have a slit fabric cover that covers at least ninety per cent of the opening.	3704.03(E)	Fed	1994 ACT - Control of Volatile Organic Compound Emissions from Industrial Wastewater.	Yes	Yes	No

3745-21-16	(D)(7)(b)(ii)(h)	shall	Each automatic bleeder vent shall be gasketed.	3704.03(E)	Fed	1994 ACT - Control of Volatile Organic Compound Emissions from Industrial Wastewater.	Yes	Yes	No
3745-21-16	(D)(7)(b)(ii)(i)	shall	Each rim space vent shall be gasketed.	3704.03(E)	Fed	1994 ACT - Control of Volatile Organic Compound Emissions from Industrial Wastewater.	Yes	Yes	No
3745-21-16	(D)(7)(b)(ii)(j)	shall	Each penetration of the internal floating roof that allows for passage of a ladder shall have a gasketed sliding cover.	3704.03(E)	Fed	1994 ACT - Control of Volatile Organic Compound Emissions from Industrial Wastewater.	Yes	Yes	No
3745-21-16	(D)(7)(b)(ii)(k)	shall	Each penetration of the internal floating roof that allows for passage of a column supporting the fixed roof shall have a flexible fabric sleeve seal or a gasketed sliding cover.	3704.03(E)	Fed	1994 ACT - Control of Volatile Organic Compound Emissions from Industrial Wastewater.	Yes	Yes	No
3745-21-16	(D)(7)(b)(ii)(l)	shall	Each cover or lid on any opening in the internal floating roof shall be closed (i.e., no visible gaps), except when the cover or lid shall be open for access.	3704.03(E)	Fed	1994 ACT - Control of Volatile Organic Compound Emissions from Industrial Wastewater.	Yes	Yes	No
3745-21-16	(D)(7)(b)(ii)(l)	shall	Each cover or lid on any opening in the internal floating roof shall be closed (i.e., no visible gaps), except when the cover or lid shall be open for access.	3704.03(E)	Fed	1994 ACT - Control of Volatile Organic Compound Emissions from Industrial Wastewater.	Yes	Yes	No
3745-21-16	(D)(7)(b)(ii)(l)	shall	Covers on each access hatch and each gauge float well shall be bolted or fastened so as to be air-tight when they are closed.	3704.03(E)	Fed	1994 ACT - Control of Volatile Organic Compound Emissions from Industrial Wastewater.	Yes	Yes	No
3745-21-16	(D)(7)(b)(iii)(a)	shall	Each external floating roof shall be equipped with a closure device between the wall of the storage vessel and the roof edge.	3704.03(E)	Fed	1994 ACT - Control of Volatile Organic Compound Emissions from Industrial Wastewater.	Yes	Yes	No
3745-21-16	(D)(7)(b)(iii)(a)	shall	The lower seal (primary seal) shall be either a metallic shoe seal or a liquid-mounted seal.	3704.03(E)	Fed	1994 ACT - Control of Volatile Organic Compound Emissions from Industrial Wastewater.	Yes	Yes	No
3745-21-16	(D)(7)(b)(iii)(a)	shall	The upper seal (secondary seal) shall be a rim-mounted or shoe-mounted seal.	3704.03(E)	Fed	1994 ACT - Control of Volatile Organic Compound Emissions from Industrial Wastewater.	Yes	Yes	No
3745-21-16	(D)(7)(b)(iii)(b)	shall	Except during inspections, both the primary seal and the secondary seal shall completely cover the annular space...	3704.03(E)	Fed	1994 ACT - Control of Volatile Organic Compound Emissions from Industrial Wastewater.	Yes	Yes	No
3745-21-16	(D)(7)(b)(iii)(c)	shall	...each opening in the noncontact external floating roof shall provide a projection below the liquid surface.	3704.03(E)	Fed	1994 ACT - Control of Volatile Organic Compound Emissions from Industrial Wastewater.	Yes	Yes	No
3745-21-16	(D)(7)(b)(iii)(d)	shall	...seal or lid which is to be maintained in a closed position (i.e., no visible gap) at all times except when the cover or lid shall be open for access.	3704.03(E)	Fed	1994 ACT - Control of Volatile Organic Compound Emissions from Industrial Wastewater.	Yes	Yes	No
3745-21-16	(D)(7)(b)(iii)(d)	shall	Covers on each access hatch and each gauge float well shall be bolted or fastened so as to be air-tight when they are closed.	3704.03(E)	Fed	1994 ACT - Control of Volatile Organic Compound Emissions from Industrial Wastewater.	Yes	Yes	No
3745-21-16	(D)(7)(b)(iii)(i)	shall	Each unslotted guide pole well shall have a gasketed sliding cover or a flexible fabric sleeve seal.	3704.03(E)	Fed	1994 ACT - Control of Volatile Organic Compound Emissions from Industrial Wastewater.	Yes	Yes	No
3745-21-16	(D)(7)(b)(iii)(j)	shall	Each unslotted guide pole shall have on the end of the pole a gasketed cap which is closed at all times except when gauging the liquid level or taking liquid samples.	3704.03(E)	Fed	1994 ACT - Control of Volatile Organic Compound Emissions from Industrial Wastewater.	Yes	Yes	No
3745-21-16	(D)(7)(b)(iii)(k)	shall	Each slotted guide pole well shall have a gasketed sliding cover or a flexible fabric sleeve seal.	3704.03(E)	Fed	1994 ACT - Control of Volatile Organic Compound Emissions from Industrial Wastewater.	Yes	Yes	No
3745-21-16	(D)(7)(b)(iii)(l)	shall	Each slotted guide pole shall have a gasketed float or other device which closes off the liquid surface from the atmosphere.	3704.03(E)	Fed	1994 ACT - Control of Volatile Organic Compound Emissions from Industrial Wastewater.	Yes	Yes	No
3745-21-16	(D)(7)(b)(iii)(m)	shall	Each gauge hatch/sample well shall have a gasketed cover which is closed at all times except when the hatch or well shall be open for access.	3704.03(E)	Fed	1994 ACT - Control of Volatile Organic Compound Emissions from Industrial Wastewater.	Yes	Yes	No
3745-21-16	(D)(7)(b)(iii)(m)	shall	Each gauge hatch/sample well shall have a gasketed cover which is closed at all times except when the hatch or well shall be open for access.	3704.03(E)	Fed	1994 ACT - Control of Volatile Organic Compound Emissions from Industrial Wastewater.	Yes	Yes	No

3745-21-16	(D)(7)(b)(iii)(n)	shall	The external floating roof shall be floating on the liquid surface at all times except when the floating roof shall be supported by the leg supports during the following periods:	3704.03(E)	Fed	1994 ACT - Control of Volatile Organic Compound Emissions from Industrial Wastewater.	Yes	Yes	No
3745-21-16	(D)(7)(b)(iii)(n)	shall	The external floating roof shall be floating on the liquid surface at all times except when the floating roof shall be supported by the leg supports during the following periods:	3704.03(E)	Fed	1994 ACT - Control of Volatile Organic Compound Emissions from Industrial Wastewater.	Yes	Yes	No
3745-21-16	(D)(7)(b)(iii)(o)	shall	When the floating roof is resting on the leg supports, the process of filling, emptying, or refilling shall be continuous and shall be accomplished as soon as practical.	3704.03(E)	Fed	1994 ACT - Control of Volatile Organic Compound Emissions from Industrial Wastewater.	Yes	Yes	No
3745-21-16	(D)(7)(b)(iii)(o)	shall	When the floating roof is resting on the leg supports, the process of filling, emptying, or refilling shall be continuous and shall be accomplished as soon as practical.	3704.03(E)	Fed	1994 ACT - Control of Volatile Organic Compound Emissions from Industrial Wastewater.	Yes	Yes	No
3745-21-16	(D)(8)	shall	For each treatment process managing an affected VOC wastewater stream or an affected residual, the owner or operator shall comply with paragraphs (D)(8)(a) to (D)(8)(g) of this rule.	3704.03(E)	Fed	1994 ACT - Control of Volatile Organic Compound Emissions from Industrial Wastewater.	Yes	Yes	No
3745-21-16	(D)(8)(a)	shall	Each treatment process shall meet the applicable requirements of paragraphs (D)(3) to (D)(7) of this rule.	3704.03(E)	Fed	1994 ACT - Control of Volatile Organic Compound Emissions from Industrial Wastewater.	Yes	Yes	No
3745-21-16	(D)(8)(b)	shall	Gases vented from a treatment process shall be routed by means of a closed vent system to a control device which is designed and operated to reduce...	3704.03(E)	Fed	1994 ACT - Control of Volatile Organic Compound Emissions from Industrial Wastewater.	Yes	Yes	No
3745-21-16	(D)(8)(c)	shall	...the owner or operator shall , by removal or destruction, reduce the mass flow rate of affected VOC by ninety per cent or more while reducing the affected VOC...	3704.03(E)	Fed	1994 ACT - Control of Volatile Organic Compound Emissions from Industrial Wastewater.	Yes	Yes	No
3745-21-16	(D)(8)(c)	shall not	Dilution shall not be used to achieve compliance with this paragraph.	3704.03(E)	Fed	1994 ACT - Control of Volatile Organic Compound Emissions from Industrial Wastewater.	Yes	Yes	No
3745-21-16	(D)(8)(d)	shall	The owner or operator using a closed biological treatment process for at least one affected VOC wastewater stream shall reduce the mass flow rate...	3704.03(E)	Fed	1994 ACT - Control of Volatile Organic Compound Emissions from Industrial Wastewater.	Yes	Yes	No
3745-21-16	(D)(8)(e)	shall	The owner or operator shall operate and maintain a steam stripper that meets all of the following:	3704.03(E)	Fed	1994 ACT - Control of Volatile Organic Compound Emissions from Industrial Wastewater.	Yes	Yes	No
3745-21-16	(D)(8)(f)(iii)	shall	The owner or operator shall comply with all applicable requirements of this subpart prior to the point where the wastewater enters the underground portion of the injection well.	3704.03(E)	Fed	1994 ACT - Control of Volatile Organic Compound Emissions from Industrial Wastewater.	Yes	Yes	No
3745-21-16	(D)(8)(g)	shall	For each affected residual, the owner or operator shall control for air emissions by complying with paragraphs (D)(3) to (D)(7) of this rule and by complying with one of the following:	3704.03(E)	Fed	1994 ACT - Control of Volatile Organic Compound Emissions from Industrial Wastewater.	Yes	Yes	No
3745-21-16	(E)	shall	Such approval shall occur when the Ohio EPA is informed, in writing, that USEPA has no objections to the alternate method of control.	3704.03(E)	Fed	1994 ACT - Control of Volatile Organic Compound Emissions from Industrial Wastewater.	Yes	Yes	Yes
3745-21-16	(E)(1)(a)	shall	...the owner or operator of a waste management unit for which a control plan was not previously submitted shall submit a control plan to the director and the appropriate Ohio EPA district office or local air agency...	3704.03(E)	Fed	1994 ACT - Control of Volatile Organic Compound Emissions from Industrial Wastewater.	Yes	Yes	No
3745-21-16	(E)(1)(a)	shall	...county, shall be approved by the USEPA in writing before the owner or operator may use the control option available under paragraph (E)(1) of this rule for compliance.	3704.03(E)	Fed	1994 ACT - Control of Volatile Organic Compound Emissions from Industrial Wastewater.	Yes	Yes	Yes
3745-21-16	(E)(1)(a)	shall	At a minimum, the control plan shall include the applicable emissions unit identification...	3704.03(E)	Fed	1994 ACT - Control of Volatile Organic Compound Emissions from Industrial Wastewater.	Yes	Yes	No
3745-21-16	(E)(1)(a)	shall	The VOC emission rates shall be calculated in a manner consistent with the calendar year baseline emissions inventory.	3704.03(E)	Fed	1994 ACT - Control of Volatile Organic Compound Emissions from Industrial Wastewater.	Yes	Yes	No
3745-21-16	(E)(1)(b)	shall	The owner or operator shall submit an annual report no later than March thirty-first of each year to the director and the appropriate Ohio EPA district office or local air agency...	3704.03(E)	Fed	1994 ACT - Control of Volatile Organic Compound Emissions from Industrial Wastewater.	Yes	Yes	No
3745-21-16	(E)(1)(b)	shall	At a minimum, the report shall include the PN; the emissions unit identification; the throughput of wastewater from affected industrial categories...	3704.03(E)	Fed	1994 ACT - Control of Volatile Organic Compound Emissions from Industrial Wastewater.	Yes	Yes	No

3745-21-16	(E)(1)(b)	shall	The emission rates for the preceding calendar year shall be calculated in a manner consistent with the calendar year baseline emissions inventory.	3704.03(E)	Fed	1994 ACT - Control of Volatile Organic Compound Emissions from Industrial Wastewater.	Yes	Yes	No
3745-21-16	(E)(1)(c)	shall	It shall be unlawful for any person to vary from such representations if the variation will cause a change in the identity of the specific emission sources...	3704.03(E)	Fed	1994 ACT - Control of Volatile Organic Compound Emissions from Industrial Wastewater.	Yes	Yes	No
3745-21-16	(E)(1)(c)	shall	All control plans and reports shall include documentation that the overall reduction of VOC emissions at the account from wastewater from affected source categories...	3704.03(E)	Fed	1994 ACT - Control of Volatile Organic Compound Emissions from Industrial Wastewater.	Yes	Yes	No
3745-21-16	(E)(1)(c)	shall	The emission rates shall be calculated in a manner consistent with the calendar year baseline emissions inventory.	3704.03(E)	Fed	1994 ACT - Control of Volatile Organic Compound Emissions from Industrial Wastewater.	Yes	Yes	No
3745-21-16	(E)(2)(b)	shall	For affected VOC not specifically listed in table 9 of 40 CFR part 63, subpart G the corresponding fraction removed (Fr) value shall be determined by one of the following:	3704.03(E)	Fed	1994 ACT - Control of Volatile Organic Compound Emissions from Industrial Wastewater.	Yes	Yes	No
3745-21-16	(F)	shall	The owner or operator of a waste management unit that is subject to paragraph (D) or (E) of this rule shall comply with the following inspection and monitoring requirements.	3704.03(E)	Fed	1994 ACT - Control of Volatile Organic Compound Emissions from Industrial Wastewater.	Yes	Yes	No
3745-21-16	(F)(2)	shall	...other equipment used to comply with paragraph (D) or (E) of this rule (relating to control requirements) shall be visually inspected for leaks and improper condition initially, semiannually, and upon repair as specified under paragraphs (F)(2)(a) to (F)(2)(k) of this rule.	3704.03(E)	Fed	1994 ACT - Control of Volatile Organic Compound Emissions from Industrial Wastewater.	Yes	Yes	No
3745-21-16	(F)(2)	shall	...a first attempt at repair shall be completed as soon as possible, but no later than fifteen calendar days after detection, unless the repair or correction is technically infeasible...	3704.03(E)	Fed	1994 ACT - Control of Volatile Organic Compound Emissions from Industrial Wastewater.	Yes	Yes	No
3745-21-16	(F)(2)	shall	...technically infeasible without requiring a process unit shutdown, in which case the repair or correction shall be made at the next process unit shutdown.	3704.03(E)	Fed	1994 ACT - Control of Volatile Organic Compound Emissions from Industrial Wastewater.	Yes	Yes	No
3745-21-16	(F)(3)	shall	For a wastewater tank or oil-water separator equipped with an external floating roof having primary and secondary seals used to comply with paragraph (D) or (E) of this rule, the secondary seal shall be inspected for seal gaps and repaired as follows:	3704.03(E)	Fed	1994 ACT - Control of Volatile Organic Compound Emissions from Industrial Wastewater.	Yes	Yes	No
3745-21-16	(F)(3)(a)	shall	The secondary seal shall be measured for seal gaps initially, annually, and after repair, as determined under paragraph (I) of rule 3745-21-10 of the Administrative Code.	3704.03(E)	Fed	1994 ACT - Control of Volatile Organic Compound Emissions from Industrial Wastewater.	Yes	Yes	No
3745-21-16	(F)(3)(b)	shall	The accumulated area of gaps that exceed one-eighth inch (0.32 cm) in width between the secondary seal and tank wall shall be no greater than 1.0 square inch per foot (twenty-one square centimeters per meter) of tank diameter.	3704.03(E)	Fed	1994 ACT - Control of Volatile Organic Compound Emissions from Industrial Wastewater.	Yes	Yes	No
3745-21-16	(F)(3)(c)	shall	If the seal gap requirement of paragraph (F)(3)(b) of this rule is not being met, the secondary seal shall be repaired or replaced within forty-five days...	3704.03(E)	Fed	1994 ACT - Control of Volatile Organic Compound Emissions from Industrial Wastewater.	Yes	Yes	No
3745-21-16	(F)(3)(c)	shall	...a process unit shutdown, in which case the repair or correction shall be made at the next process unit shutdown.	3704.03(E)	Fed	1994 ACT - Control of Volatile Organic Compound Emissions from Industrial Wastewater.	Yes	Yes	No
3745-21-16	(F)(4)	shall	The following records shall be maintained on leaks, improper conditions, and improper seal gaps:	3704.03(E)	Fed	1994 ACT - Control of Volatile Organic Compound Emissions from Industrial Wastewater.	Yes	Yes	No
3745-21-16	(F)(5)	shall	Monitors shall be installed and maintained as required by this paragraph to measure operational parameters of any emission control device...	3704.03(E)	Fed	1994 ACT - Control of Volatile Organic Compound Emissions from Industrial Wastewater.	Yes	Yes	No
3745-21-16	(F)(5)	shall	Such monitoring and parameters shall be sufficient to demonstrate proper functioning of those devices to design specifications...	3704.03(E)	Fed	1994 ACT - Control of Volatile Organic Compound Emissions from Industrial Wastewater.	Yes	Yes	No
3745-21-16	(F)(5)(d)	shall	...the exhaust gas stream shall be monitored daily or at intervals no greater than twenty per cent of the design replacement interval, whichever is greater...	3704.03(E)	Fed	1994 ACT - Control of Volatile Organic Compound Emissions from Industrial Wastewater.	Yes	Yes	No
3745-21-16	(F)(5)(h)	shall	Such approval or requirement shall occur when the Ohio EPA is informed, in writing, that USEPA has no objection to, or requires, the other monitoring and parameters that are indicated.	3704.03(E)	Fed	1994 ACT - Control of Volatile Organic Compound Emissions from Industrial Wastewater.	Yes	Yes	Yes
3745-21-16	(F)(6)	shall	...the closed-vent system shall be equipped with at least one pressure guage or other pressure measurement device that can be read from a readily accessible location...	3704.03(E)	Fed	1994 ACT - Control of Volatile Organic Compound Emissions from Industrial Wastewater.	Yes	Yes	No

3745-21-16	(F)(7)	shall	...an inspection and maintenance plan shall be developed, maintained on-site, and made readily available upon the request of the appropriate Ohio EPA district office or local air agency.	3704.03(E)	Fed	1994 ACT - Control of Volatile Organic Compound Emissions from Industrial Wastewater.	Yes	Yes	No
3745-21-16	(F)(7)	shall	At a minimum, the plan shall include the following:	3704.03(E)	Fed	1994 ACT - Control of Volatile Organic Compound Emissions from Industrial Wastewater.	Yes	Yes	No
3745-21-16	(F)(7)(c)	shall	If problems are found, corrective action consistent with the manufacturer's recommendations shall be implemented...	3704.03(E)	Fed	1994 ACT - Control of Volatile Organic Compound Emissions from Industrial Wastewater.	Yes	Yes	No
3745-21-16	(F)(7)(c)	shall	...a new performance test to determine destruction efficiency in accordance with paragraph (C) of rule 3745-21-10 of the Administrative Code shall be conducted.	3704.03(E)	Fed	1994 ACT - Control of Volatile Organic Compound Emissions from Industrial Wastewater.	Yes	Yes	No
3745-21-16	(G)	shall	...paragraph (C)(2) of this rule (relating to control requirements, alternate control requirements, inspection and monitoring requirements, and exemptions) shall be determined by applying one or more of the following test methods...	3704.03(E)	Fed	1994 ACT - Control of Volatile Organic Compound Emissions from Industrial Wastewater.	Yes	Yes	No
3745-21-16	(G)(3)(a)	shall	For flares, the performance test requirements of 40 CFR 60.18(b) shall apply.	3704.03(E)	Fed	1994 ACT - Control of Volatile Organic Compound Emissions from Industrial Wastewater.	Yes	Yes	No
3745-21-16	(G)(3)(b)	shall	For control devices other than flares, the VOC control efficiency shall be determined in accordance with paragraph (C) of rule 3745-21-10...	3704.03(E)	Fed	1994 ACT - Control of Volatile Organic Compound Emissions from Industrial Wastewater.	Yes	Yes	No
3745-21-16	(G)(7)	shall	The measurement of wastewater flow rate shall be determined with flow measurement devices. Flow rate measurements shall be taken at the same time as the concentration measurements.	3704.03(E)	Fed	1994 ACT - Control of Volatile Organic Compound Emissions from Industrial Wastewater.	Yes	Yes	No
3745-21-16	(G)(7)	shall	The measurement of wastewater flow rate shall be determined with flow measurement devices. Flow rate measurements shall be taken at the same time as the concentration measurements.	3704.03(E)	Fed	1994 ACT - Control of Volatile Organic Compound Emissions from Industrial Wastewater.	Yes	Yes	No
3745-21-16	(G)(8)	shall	Such approval shall occur when the Ohio EPA is informed, in writing, that USEPA has no objections to the minor modifications to the test methods.	3704.03(E)	Fed	1994 ACT - Control of Volatile Organic Compound Emissions from Industrial Wastewater.	Yes	Yes	Yes
3745-21-16	(H)	shall	The owner or operator of an affected industrial category shall comply with the following recordkeeping requirements.	3704.03(E)	Fed	1994 ACT - Control of Volatile Organic Compound Emissions from Industrial Wastewater.	Yes	Yes	No
3745-21-16	(H)(1)	shall	Complete and up-to-date records shall be maintained as needed to demonstrate compliance with paragraphs (D) and (E) of this rule...	3704.03(E)	Fed	1994 ACT - Control of Volatile Organic Compound Emissions from Industrial Wastewater.	Yes	Yes	No
3745-21-16	(H)(2)	shall	Records shall be maintained of the results of any inspection or monitoring conducted in accordance with paragraph (F) of this rule...	3704.03(E)	Fed	1994 ACT - Control of Volatile Organic Compound Emissions from Industrial Wastewater.	Yes	Yes	No
3745-21-16	(H)(2)	shall	Records shall be sufficient to demonstrate proper functioning of applicable control equipment to design specifications to ensure compliance with paragraphs (D) and (E) of this rule.	3704.03(E)	Fed	1994 ACT - Control of Volatile Organic Compound Emissions from Industrial Wastewater.	Yes	Yes	No
3745-21-16	(H)(2)	shall	...records from the inspection and maintenance plan for the catalytic incinerator, as specified in paragraph (F)(7) of this rule, shall be maintained.	3704.03(E)	Fed	1994 ACT - Control of Volatile Organic Compound Emissions from Industrial Wastewater.	Yes	Yes	No
3745-21-16	(H)(3)	shall	Records shall be maintained of the results of any testing conducted in accordance with paragraph (G) of this rule (relating to approved test methods).	3704.03(E)	Fed	1994 ACT - Control of Volatile Organic Compound Emissions from Industrial Wastewater.	Yes	Yes	No
3745-21-16	(H)(4)	shall	All records shall be maintained at the plant for at least five years and be made available upon request to USEPA, or the appropriate Ohio EPA district office or local air agency.	3704.03(E)	Fed	1994 ACT - Control of Volatile Organic Compound Emissions from Industrial Wastewater.	Yes	Yes	No
3745-21-16	(I)	shall	The determination of the characteristics of a wastewater stream for purposes of this rule shall be made as follows:	3704.03(E)	Fed	1994 ACT - Control of Volatile Organic Compound Emissions from Industrial Wastewater.	Yes	Yes	No
3745-21-16	(I)(1)	shall	The characteristics shall be determined at a location between the point of generation (as defined by this rule) and before the wastewater stream is exposed to the atmosphere...	3704.03(E)	Fed	1994 ACT - Control of Volatile Organic Compound Emissions from Industrial Wastewater.	Yes	Yes	No
3745-21-16	(I)(1)	shall not	...this mixing shall not establish a limit on where the characteristics may be determined.	3704.03(E)	Fed	1994 ACT - Control of Volatile Organic Compound Emissions from Industrial Wastewater.	Yes	Yes	No

3745-21-16	(I)(1)	shall not	...this mixing shall not establish a limit on where the characteristics may be determined.	3704.03(E)	Fed	1994 ACT - Control of Volatile Organic Compound Emissions from Industrial Wastewater.	Yes	Yes	No
3745-21-16	(I)(2)	shall	The flow rate of a wastewater stream shall be determined on the basis of an annual average by one of the following methods:	3704.03(E)	Fed	1994 ACT - Control of Volatile Organic Compound Emissions from Industrial Wastewater.	Yes	Yes	No
3745-21-16	(I)(3)	shall	The VOC concentration of a wastewater stream shall be determined on the basis of a flow-weighted annual average by one of the following methods, or by a combination of the methods.	3704.03(E)	Fed	1994 ACT - Control of Volatile Organic Compound Emissions from Industrial Wastewater.	Yes	Yes	No
3745-21-16	(I)(3)	shall	...the VOC concentration shall be determined in accordance with paragraph (I)(3)(c) of this rule, or by a combination of the methods in paragraphs (I)(3)(a) to (I)(3)(c) of this rule.	3704.03(E)	Fed	1994 ACT - Control of Volatile Organic Compound Emissions from Industrial Wastewater.	Yes	Yes	No
3745-21-16	(I)(3)	shall not	VOC with a "Henry's Law Constant" less than 1.8x10-6 atmosphere-cubic meter/mole (0.1 y/x) at twenty-five degrees Celsius shall not be included in the determination of VOC concentration.	3704.03(E)	Fed	1994 ACT - Control of Volatile Organic Compound Emissions from Industrial Wastewater.	Yes	Yes	No
3745-21-16	(I)(3)(c)	shall	The affected VOC concentration of the wastewater stream shall be the flow-weighted average of the individual samples.	3704.03(E)	Fed	1994 ACT - Control of Volatile Organic Compound Emissions from Industrial Wastewater.	Yes	Yes	No
3745-21-16	(I)(4)	shall	The annual affected VOC loading in wastewater for a wastewater stream shall be the annual average flow rate determined in paragraph (I)(2) of this rule...	3704.03(E)	Fed	1994 ACT - Control of Volatile Organic Compound Emissions from Industrial Wastewater.	Yes	Yes	No
3745-21-16	(I)(5)	shall	The annual VOC loading in wastewater for a plant shall be the sum of the annual VOC loading in wastewater for each affected VOC wastewater stream.	3704.03(E)	Fed	1994 ACT - Control of Volatile Organic Compound Emissions from Industrial Wastewater.	Yes	Yes	No
3745-21-16	(I)(6)	shall	The "Henry's Law Constant" shall be determined by the procedures in 40 CFR part 60, appendix J, as proposed on December 9, 1998 in the Federal Register.	3704.03(E)	Fed	1994 ACT - Control of Volatile Organic Compound Emissions from Industrial Wastewater.	Yes	Yes	No
3745-21-16	(J)(1)	shall	Each owner or operator of a source subject to this rule shall comply with paragraphs (J)(2) and (J)(3) of this rule for maintenance wastewaters containing volatile organic compounds.	3704.03(E)	Fed	1994 ACT - Control of Volatile Organic Compound Emissions from Industrial Wastewater.	Yes	Yes	No
3745-21-16	(J)(2)	shall	The owner or operator shall prepare a description of maintenance procedures for management of wastewaters generated from the emptying and purging of equipment...	3704.03(E)	Fed	1994 ACT - Control of Volatile Organic Compound Emissions from Industrial Wastewater.	Yes	Yes	No
3745-21-16	(J)(2)	shall	The descriptions shall specify the following:	3704.03(E)	Fed	1994 ACT - Control of Volatile Organic Compound Emissions from Industrial Wastewater.	Yes	Yes	No
3745-21-16	(J)(3)	shall	The owner or operator shall modify and update the information required by paragraph (J)(2) of this rule as needed following each maintenance procedure based on the actions taken...	3704.03(E)	Fed	1994 ACT - Control of Volatile Organic Compound Emissions from Industrial Wastewater.	Yes	Yes	No
3745-21-16	(J)(4)	shall	The owner or operator shall maintain a record of the information required by paragraphs (J)(2) and (J)(3) of this rule.	3704.03(E)	Fed	1994 ACT - Control of Volatile Organic Compound Emissions from Industrial Wastewater.	Yes	Yes	No
3745-21-16	(K)(1)	shall	Except where otherwise specified within this rule, any owner or operator of a facility that is subject to this rule shall comply with this rule by no later than the following dates:	3704.03(E)	Fed	1994 ACT - Control of Volatile Organic Compound Emissions from Industrial Wastewater.	Yes	Yes	No
3745-21-16	(K)(2)	shall	...the owner or operator shall demonstrate compliance by testing the emission control device in accordance with paragraph (G) of this rule within ninety days after the compliance date.	3704.03(E)	Fed	1994 ACT - Control of Volatile Organic Compound Emissions from Industrial Wastewater.	Yes	Yes	No
3745-21-16	(K)(3)	shall	...the owner or operator shall demonstrate compliance by testing the treatment process (or combined treatment processes) in accordance with the methods in paragraph (G) of this rule within ninety days after the compliance date.	3704.03(E)	Fed	1994 ACT - Control of Volatile Organic Compound Emissions from Industrial Wastewater.	Yes	Yes	No
3745-21-16	(L)(1)	shall	...an initial startup of a waste management unit before May 27, 2005 shall notify the appropriate Ohio EPA district office or local air agency in writing that the facility is subject to this rule.	3704.03(E)	Fed	1994 ACT - Control of Volatile Organic Compound Emissions from Industrial Wastewater.	Yes	Yes	No
3745-21-16	(L)(1)	shall	The notification, which shall be submitted not later than July 26, 2005, shall provide the information specified in paragraph (L)(5) of this rule.	3704.03(E)	Fed	1994 ACT - Control of Volatile Organic Compound Emissions from Industrial Wastewater.	Yes	Yes	No
3745-21-16	(L)(1)	shall	The notification, which shall be submitted not later than July 26, 2005, shall provide the information specified in paragraph (L)(5) of this rule.	3704.03(E)	Fed	1994 ACT - Control of Volatile Organic Compound Emissions from Industrial Wastewater.	Yes	Yes	No

3745-21-16	(L)(2)	shall	...an initial startup of a waste management unit on or after May 27, 2005, shall notify the appropriate Ohio EPA district office or local air agency in writing that the waste management unit is subject to this rule.	3704.03(E)	Fed	1994 ACT - Control of Volatile Organic Compound Emissions from Industrial Wastewater.	Yes	Yes	No
3745-21-16	(L)(2)	shall	The notification, which shall be submitted not later than either the date of initial startup of the waste management unit or July 26, 2005 (whichever is later), shall provide the information specified in paragraph (L)(5) of this rule.	3704.03(E)	Fed	1994 ACT - Control of Volatile Organic Compound Emissions from Industrial Wastewater.	Yes	Yes	No
3745-21-16	(L)(2)	shall	The notification, which shall be submitted not later than either the date of initial startup of the waste management unit or July 26, 2005 (whichever is later), shall provide the information specified in paragraph (L)(5) of this rule.	3704.03(E)	Fed	1994 ACT - Control of Volatile Organic Compound Emissions from Industrial Wastewater.	Yes	Yes	No
3745-21-16	(L)(3)	shall	...an initial startup of a waste management unit before August 25, 2008, shall notify the appropriate Ohio EPA district office or local air agency in writing that the facility is subject to this rule.	3704.03(E)	Fed	1994 ACT - Control of Volatile Organic Compound Emissions from Industrial Wastewater.	Yes	Yes	No
3745-21-16	(L)(3)	shall	The notification, which shall be submitted not later than October 24, 2008, shall provide the information specified in paragraph (L)(5) of this rule.	3704.03(E)	Fed	1994 ACT - Control of Volatile Organic Compound Emissions from Industrial Wastewater.	Yes	Yes	No
3745-21-16	(L)(3)	shall	The notification, which shall be submitted not later than October 24, 2008, shall provide the information specified in paragraph (L)(5) of this rule.	3704.03(E)	Fed	1994 ACT - Control of Volatile Organic Compound Emissions from Industrial Wastewater.	Yes	Yes	No
3745-21-16	(L)(4)	shall	...an initial startup of a waste management unit on or after August 25, 2008, shall notify the appropriate Ohio EPA district office or local air agency in writing that the waste management unit is subject to this rule.	3704.03(E)	Fed	1994 ACT - Control of Volatile Organic Compound Emissions from Industrial Wastewater.	Yes	Yes	No
3745-21-16	(L)(4)	shall	The notification, which shall be submitted not later than either the date of initial startup of the waste management unit or October 24, 2008 (whichever is later), shall provide the information specified in paragraph (L)(5) of this rule.	3704.03(E)	Fed	1994 ACT - Control of Volatile Organic Compound Emissions from Industrial Wastewater.	Yes	Yes	No
3745-21-16	(L)(4)	shall	The notification, which shall be submitted not later than either the date of initial startup of the waste management unit or October 24, 2008 (whichever is later), shall provide the information specified in paragraph (L)(5) of this rule.	3704.03(E)	Fed	1994 ACT - Control of Volatile Organic Compound Emissions from Industrial Wastewater.	Yes	Yes	No
3745-21-16	(L)(5)	shall	The notification required in paragraphs (L)(1) to (L)(4) of this rule shall include the following information:	3704.03(E)	Fed	1994 ACT - Control of Volatile Organic Compound Emissions from Industrial Wastewater.	Yes	Yes	No
3745-21-16	(L)(5)(e)(ii)	shall	Such certification shall include all compliance certification requirements under paragraph (H) of this rule.	3704.03(E)	Fed	1994 ACT - Control of Volatile Organic Compound Emissions from Industrial Wastewater.	Yes	Yes	No
3745-21-16	(D)(3)(b)(ii)	required	...an affected VOC wastewater stream or an affected residual is not required to have an extended subsurface discharging pipe or a flexible shield.)	3704.03(E)	Fed	1994 ACT - Control of Volatile Organic Compound Emissions from Industrial Wastewater.	Yes	Yes	No
3745-21-16	(F)(5)	required	Monitors shall be installed and maintained as required by this paragraph to measure operational parameters of any emission control device or other device installed to comply with paragraph (D) or (E) of this rule.	3704.03(E)	Fed	1994 ACT - Control of Volatile Organic Compound Emissions from Industrial Wastewater.	Yes	Yes	No
3745-21-16	(F)(5)(h)	required	In lieu of the monitoring and parameters listed in paragraphs (F)(5)(a) to (F)(5)(g) of this rule, other monitoring and parameters may be approved or required by the USEPA.	3704.03(E)	Fed	1994 ACT - Control of Volatile Organic Compound Emissions from Industrial Wastewater.	Yes	Yes	No
3745-21-16	(F)(5)(h)	requires	Such approval or requirement shall occur when the Ohio EPA is informed, in writing, that USEPA has no objection to, or requires , the other monitoring and parameters that are indicated.	3704.03(E)	Fed	1994 ACT - Control of Volatile Organic Compound Emissions from Industrial Wastewater.	Yes	Yes	No
3745-21-16	(G)(6)	required	...followed by SW-846 method 8015C with a DB-5 boiling point (or equivalent column), and flame ionization detector, with the detector calibrated with benzene as required by 40 CFR part 261...	3704.03(E)	Fed	1994 ACT - Control of Volatile Organic Compound Emissions from Industrial Wastewater.	Yes	Yes	No
3745-21-16	(G)(6)	required	...calibrated with benzene as required by 40 CFR part 261; SW-846 methods 5021, 5030B (followed by 8021B), 8260B, and 9060A as required by 40 CFR part 261...	3704.03(E)	Fed	1994 ACT - Control of Volatile Organic Compound Emissions from Industrial Wastewater.	Yes	Yes	No
3745-21-16	(J)(3)	required	The owner or operator shall modify and update the information required by paragraph (J)(2) of this rule as needed following each maintenance procedure based on the actions taken...	3704.03(E)	Fed	1994 ACT - Control of Volatile Organic Compound Emissions from Industrial Wastewater.	Yes	Yes	No
3745-21-16	(J)(4)	required	The owner or operator shall maintain a record of the information required by paragraphs (J)(2) and (J)(3) of this rule.	3704.03(E)	Fed	1994 ACT - Control of Volatile Organic Compound Emissions from Industrial Wastewater.	Yes	Yes	No
3745-21-16	(K)(4)	required	Additional testing of the emission control device or the treatment process in accordance with paragraph (G) of this rule may be required by the director to ensure continued compliance.	3704.03(E)	Fed	1994 ACT - Control of Volatile Organic Compound Emissions from Industrial Wastewater.	Yes	Yes	No

3745-21-16	(L)(5)	required	The notification required in paragraphs (L)(1) to (L)(4) of this rule shall include the following information:	3704.03(E)	Fed	1994 ACT - Control of Volatile Organic Compound Emissions from Industrial Wastewater.	Yes	Yes	No
3745-21-16	(L)(5)(e)(ii)	required	An application for an operating permit or permit-to-install and operate is not required provided the subject process is operating under an effective permit and certifies compliance.	3704.03(E)	Fed	1994 ACT - Control of Volatile Organic Compound Emissions from Industrial Wastewater.	Yes	Yes	No
3745-21-25	(G)	require	... unless the owner or operator was previously using an option that did not require the owner or operator to maintain records of resin and gel coat use....	3704.03(E), 3704.03(A) and 3704.03(E)	Fed	CAA 182, 40 CFR part 63, subpart wwwwww	Yes	Yes	No

OAC Rule #	Paragraph	Restriction	Description/Quotation	Statutory Authority	State or Fed Law?	If Fed, crosswalk?	Federally delegated program?	Removal would require state or federal law change?	Requirement on the agency or director?
3745-22-01	(E)	shall not	Asbestos hazard abatement contractor shall not mean a business entity which engages in asbestos hazard abatement activities solely at its own place of business provided that the business entity is required to and does comply with all applicable standards of the United States environmental protection agency and the United States occupational safety and health, and provided further that persons employed by the business entity performing asbestos hazard abatement activity meet the requirements of this chapter.	3710.02	State, ORC 3710	N/A	No	Yes	No
3745-22-01	(S)	shall	. . . Any category I or category II asbestos containing material that becomes damaged from either deterioration or attempts at removal or abatement resulting in small fragments the size of four square inches or less shall also be considered friable.	3710.02	State, ORC 3710	N/A	No	Yes	No
3745-22-01	(E)	required	. . . Asbestos hazard abatement contractor shall not mean a business entity which engages in asbestos hazard abatement activities solely at its own place of business provided that the business entity is required to and does comply with all applicable standards of the United States environmental protection agency and the United States occupational safety and health . . .	3710.02	State, ORC 3710	N/A	No	Yes	No
3745-22-01	(L)(2)	required	(2) A document issued by a training institution in accordance with rule 3745-22-07 of the Administrative Code affirming that an individual successfully has completed the instruction required in all licensing or certification categories as provided in sections 3710.07 and 3710.10 . . .	3710.02	State, ORC 3710	N/A	No	Yes	No
3745-22-02	(A)	shall	No business entity or public entity shall perform, directly or indirectly, any asbestos hazard abatement activity as defined in paragraph (C) of rule 3745-22-01 of the Administrative Code without a valid license from the director.	3710.02	State, ORC 3710	N/A	No	Yes	No
3745-22-02	(B)	shall	No person shall coordinate, or supervise, an asbestos hazard abatement project unless he or she is certified as an asbestos hazard abatement specialist by the director pursuant to the requirements of Chapter 3710. of the Revised Code and the rules of this chapter.	3710.02	State, ORC 3710	N/A	No	Yes	No
3745-22-02	(C)	Shall	No person shall inspect, identify, detect, or assess asbestos containing materials or suspect asbestos-containing materials, determine appropriate response actions, or prepare asbestos management plans unless he or she is certified as an asbestos hazard evaluation specialist . . .	3710.02	State, ORC 3710	N/A	No	Yes	No
3745-22-02	(D)	shall	No person shall determine the work scope, work sequence, or performance standards for an asbestos hazard abatement activity unless he or she is certified as an asbestos hazard abatement project designer by the director in accordance with Chapter 3710. of the Revised Code and pursuant to the requirements of this chapter . . .	3710.02	State, ORC 3710	N/A	No	Yes	No
3745-22-02	(D)	shall	. . . unless he or she is certified as an asbestos hazard abatement project designer by the director in accordance with Chapter 3710. of the Revised Code and pursuant to the requirements of this chapter. No person who is certified as an asbestos hazard abatement project designer shall be authorized or permitted to perform the services of a registered architect or . . .	3710.02	State, ORC 3710	N/A	No	Yes	No
3745-22-02	(E)	shall	No person shall perform environmental monitoring or clearance air-sampling unless he or she is certified as an asbestos hazard abatement air-monitoring technician or an asbestos hazard evaluation specialist in accordance with Chapter 3710. of the Revised Code . . .	3710.02	State, ORC 3710	N/A	No	Yes	No
3745-22-02	(F)	shall	No person shall perform any asbestos hazard abatement activities unless he or she is certified as an asbestos hazard abatement worker or an asbestos hazard abatement specialist by the director in accordance with Chapter 3710 . . .	3710.02	State, ORC 3710	N/A	No	Yes	No
3745-22-02	(G)	shall	No person shall perform oversight of any asbestos hazard abatement activity unless he or she is certified as an asbestos hazard abatement specialist or an asbestos hazard abatement project designer by the director in accordance with Chapter 3710. of the Revised Code and the requirements of this chapter.	3710.02	State, ORC 3710	N/A	No	Yes	No
3745-22-03	(A)	shall	To apply for an asbestos abatement contractor's license, or for certification as . . . abatement worker a person shall do all of the following:	3710.02	State, ORC 3710	N/A	No	Yes	No
3745-22-03	(A)(4)	shall	(4) Submit requests for a replacement of a license or certificate in writing. The request shall contain the name, address, license . . . the reason that the replacement is necessary.	3710.02	State, ORC 3710	N/A	No	Yes	No
3745-22-03	(B)	shall	(B) Within fifteen business days after receiving an application, the director shall acknowledge receipt of the application and notify the applicant of any deficiency in the application. . .	3710.02	State, ORC 3710	N/A	No	Yes	Yes
3745-22-03	(B)	shall	. . . Within sixty calendar days after receiving a completed application, including all additional information requested by the director, the director shall issue a license or certificate or deny the application . . .	3710.02	State, ORC 3710	N/A	No	Yes	Yes
3745-22-03	(B)	shall	. . . The director shall issue only one effective license or certificate from each category to any person, including any business or public entity and its principle officers.	3710.02	State, ORC 3710	N/A	No	Yes	Yes
3745-22-03	(D)	shall	(D) The agency shall deny any application for an asbestos hazard abatement contractor's license if the applicant or an officer or employee of the applicant has been convicted of a felony or found liable in a civil proceeding under any state or federal law designed to protect the environment.	3710.02	State, ORC 3710	N/A	No	Yes	Yes

3745-22-03	(E)	shall	(E) Persons licensed . . . may apply to the director for licensure or certification. The director shall license or certify these applicants upon a determination that the standards for certification, licensure, or approval . . .	3710.02	State, ORC 3710	N/A	No	Yes	Yes
3745-22-03	(G)	shall	(G) Application for renewal of a license or certificate shall be filed in accordance with Chapter 3745 . . .	3710.02	State, ORC 3710	N/A	No	Yes	No
3745-22-03	(H)	shall	(H) The director may waive the requirements for a license or certificate in an emergency that results from a sudden, unexpected event that is not a planned asbestos hazard abatement . . . Any person who performs an asbestos hazard abatement activity under emergency conditions shall notify the director within three days after performance thereof.	3710.02	State, ORC 3710	N/A	No	Yes	No
3745-22-03	(I)(1)	shall	(1) Any person to whom an order is directed shall immediately comply with the order.	3710.02	State, ORC 3710	N/A	No	Yes	No
3745-22-03	(I)(2)	shall	(2) Upon application to the director, the person shall , subject to Chapter 119. of the Revised Code, be afforded a hearing as soon as possible . . .	3710.02	State, ORC 3710	N/A	No	Yes	No
3745-22-03	(A)(1)	required	(1) Submit a completed application to the director, on forms prescribed and provided by the director, containing the information required under this chapter.	3710.02	State, ORC 3710	N/A	No	Yes	No
3745-22-03	(A)(3)	required	(3) Pay the non-refundable fee required under the following schedule:	3710.02	State, ORC 3710	N/A	No	Yes	No
3745-22-03	(E)	require	(E) . . . The director may require an examination before licensure or certification under this paragraph. Persons certified or licensed under this paragraph are subject to the same duties and requirements for renewal as other persons certified or licensed pursuant to Chapter 3710.	3710.02	State, ORC 3710	N/A	No	Yes	Yes
3745-22-04	(A)	shall	(A) To apply for an asbestos hazard abatement contractor's license, a person shall submit a completed application to the director in accordance with rule 3745-22-03 of the Administrative Code . . .	3710.02	State, ORC 3710	N/A	No	Yes	No
3745-22-04	(A)	shall	(A) . . . The application for an asbestos hazard abatement contractor's license shall include the following:	3710.02	State, ORC 3710	N/A	No	Yes	No
3745-22-04	(B)	shall	(B) To qualify for an asbestos hazard abatement contractor's license, a business entity or public entity shall meet the following criteria:	3710.02	State, ORC 3710	N/A	No	Yes	No
3745-22-04	(B)(1)	shall	(1) Each employee . . . responsible for an asbestos hazard abatement project shall do the following:	3710.02	State, ORC 3710	N/A	No	Yes	No
3745-22-04	(B)(2)	shall	(2) A person applying for . . . requirements of Chapter 3710. of the Revised Code and this chapter, shall provide for each asbestos abatement project at least one asbestos hazard abatement specialist, certified pursuant to rule 3745-22-05 of the Administrative Code, . . .	3710.02	State, ORC 3710	N/A	No	Yes	No
3745-22-04	(B)(2)	shall	. . . A person applying for an asbestos hazard abatement contractor's license shall demonstrate to the satisfaction of the director that the contractor conforms to the following:	3710.02	State, ORC 3710	N/A	No	Yes	No
3745-22-04	(B)(3)	shall	(3) No applicant for licensure as an asbestos hazard abatement contractor, in order to meet the requirements of this chapter, shall list an employee of another contractor.	3710.02	State, ORC 3710	N/A	No	Yes	No
3745-22-04	(C)	shall	(C) An asbestos hazard abatement contractor engaging in any asbestos hazard abatement project shall do the following:	3710.02	State, ORC 3710	N/A	No	Yes	No
3745-22-04	(C)(4)	shall	(4) Notify the director . . . Prior notification of asbestos abatement projects shall be made on a form prescribed by the director, . . .	3710.02	State, ORC 3710	N/A	No	Yes	No
3745-22-04	(C)(4)	shall	. . . shall be accompanied by a fee of sixty-five dollars for each project, . . .	3710.02	State, ORC 3710	N/A	No	Yes	No
3745-22-04	(C)(4)	shall	. . . and shall contain the following information:	3710.02	State, ORC 3710	N/A	No	Yes	No
3745-22-04	(C)(4)(g)	shall	. . . In the event that there is an emergency as defined in paragraph (H) of rule 3745-22-03 of the Administrative Code, the asbestos hazard abatement contractor shall notify the director before the project begins. . .	3710.02	State, ORC 3710	N/A	No	Yes	No
3745-22-04	(C)(4)(g)	shall	. . . then the asbestos hazard abatement contractor shall notify the director as soon as possible, but no later than three working days after commencing the emergency asbestos hazard abatement activity.	3710.02	State, ORC 3710	N/A	No	Yes	No
3745-22-04	(C)(7)	shall	(7) Maintain records . . . These records shall be maintained for at least thirty years . . .	3710.02	State, ORC 3710	N/A	No	Yes	No
3745-22-04	(C)(7)	shall	. . . and at minimum, shall include all of the following:	3710.02	State, ORC 3710	N/A	No	Yes	No
3745-22-04	(B)(2)(b)(iv)	required	(iv) Evidence of training of workers required by paragraph (B)(1)(b) of this rule.	3710.02	State, ORC 3710	N/A	No	Yes	No
3745-22-04	C(10)	required	(10) Possess proof of valid asbestos hazard abatement project agreement, as required in rule 3745-22-11 of the Administrative 3745-22-05Code, at all times while at the project site.	3710.02	State, ORC 3710	N/A	No	Yes	No
3745-22-05	(A)	shall	(A) To apply for certification as an asbestos hazard abatement specialist, a person shall submit an application in accordance with rule 3745-22-03 of the Administrative Code . . .	3710.02	State, ORC 3710	N/A	No	Yes	No
3745-22-05	(A)	shall	(A) . . . The application for certification as an asbestos hazard abatement specialist shall include the following:	3710.02	State, ORC 3710	N/A	No	Yes	No
3745-22-05	(B)	shall	(B) To become certified and to maintain certification under this rule, an asbestos hazard abatement specialist shall provide documentation that the applicant meets the following criteria:	3710.02	State, ORC 3710	N/A	No	Yes	No
3745-22-05	(C)	shall	(C) Unless that person is not supervising and providing oversight only, an asbestos hazard abatement specialist engaging in any asbestos hazard abatement project shall do all of the following during the course of the project:	3710.02	State, ORC 3710	N/A	No	Yes	No
3745-22-05	(D)	shall	(D) An asbestos hazard abatement specialist engaging in any asbestos hazard abatement project shall do the following:	3710.02	State, ORC 3710	N/A	No	Yes	No
3745-22-05	(B)(2)	required	(2) Payment of the fee required by rule 3745-22-03 of the Administrative Code.	3710.02	State, ORC 3710	N/A	No	Yes	No
3745-22-06	(A)	shall	(A) To apply for certification as an asbestos hazard evaluation specialist, a person shall submit an application in accordance with rule 3745-22-03 . . .	3710.02	State, ORC 3710	N/A	No	Yes	No
3745-22-06	(A)	shall	(A) . . . The application for certification as a hazard evaluation specialist shall include the following:	3710.02	State, ORC 3710	N/A	No	Yes	No

3745-22-06	(B)	shall	(B) To become certified and to maintain certification under this rule, an asbestos hazard evaluation specialist shall meet the following criteria:	3710.02	State, ORC 3710	N/A	No	Yes	No
3745-22-06	(C)	shall	(C) An asbestos hazard evaluation specialist . . . or other asbestos hazard abatement activities shall do the following:	3710.02	State, ORC 3710	N/A	No	Yes	No
3745-22-06	(C)(11)	shall	(11) Prepare a report for each site where bulk samples are collected. The report shall contain the following information:	3710.02	State, ORC 3710	N/A	No	Yes	No
3745-22-06	(B)(2)	required	(2) Payment of the fee required by rule 3745-22-03 of the Administrative Code.	3710.02	State, ORC 3710	N/A	No	Yes	No
3745-22-07	(A)	shall	(A) The director shall acknowledge receipt of an application for approval of any training course within ten working days of receipt. . .	3710.02	State, ORC 3710	N/A	No	Yes	Yes
3745-22-07	(A)	shall	The director shall review the application and shall determine whether or not contingent approval will be granted . . .	3710.02	State, ORC 3710	N/A	No	Yes	Yes
3745-22-07	(A)	shall	The director shall review the application and shall determine whether or not contingent approval will be granted . . .	3710.02	State, ORC 3710	N/A	No	Yes	Yes
3745-22-07	(A)	shall	Upon being granted contingent approval, the director shall issue a document to the applicant affirming that the asbestos hazard abatement training course substantially satisfies . . .	3710.02	State, ORC 3710	N/A	No	Yes	Yes
3745-22-07	(A)	shall	The director shall grant final approval of a course only after an on-site audit by the director which reveals that the course substantially satisfies the criteria in this rule. . .	3710.02	State, ORC 3710	N/A	No	Yes	Yes
3745-22-07	(B)	shall	(B) Any person may apply . . . To be approved for this purpose, a training course shall meet all of the following criteria . . .	3710.02	State, ORC 3710	N/A	No	Yes	No
3745-22-07	(B)(1)	shall	(1) Instruction is provided by persons approved by the director. The applicant shall submit the following information for each person to be approved as an instructor	3710.02	State, ORC 3710	N/A	No	Yes	No
3745-22-07	(B)(2)	shall	(2) Any person sponsoring an initial or refresher training course shall include a closed-book examination at the conclusion of each course. . .	3710.02	State, ORC 3710	N/A	No	Yes	No
3745-22-07	(B)(2)	shall	In addition to examination requirements found in the United States environmental protection agency "Model Accreditation Plan" 40 CFR 763, subpart E, appendix C, each examination shall meet the following criteria:	3710.02	State, ORC 3710	N/A	No	Yes	No
3745-22-07	(B)(2)(e)	shall	(e) Permit a student to retake . . . A student shall retake any asbestos training course examination within a two week period following . . .	3710.02	State, ORC 3710	N/A	No	Yes	No
3745-22-07	(B)(2)(e)	shall	. . . Failure of the student to pass the third attempt shall require the student to retake . . .	3710.02	State, ORC 3710	N/A	No	Yes	No
3745-22-07	(B)(3)	shall	(3) Any person sponsoring a refresher training course shall verify, by examining each student's previous certificate, that each student possesses a valid . . .	3710.02	State, ORC 3710	N/A	No	Yes	No
3745-22-07	(B)(4)	shall	(4) Records shall be maintained for twenty years of persons who have attended or completed the course and of their attendance and completion dates . . .	3710.02	State, ORC 3710	N/A	No	Yes	No
3745-22-07	(B)(4)	shall	. . . which information shall be provided to the director upon request. Records shall include the following information:	3710.02	State, ORC 3710	N/A	No	Yes	No
3745-22-07	(B)(4)	shall	Records shall include the following information:	3710.02	State, ORC 3710	N/A	No	Yes	No
3745-22-07	(B)(5)	shall	(5) Issuance of a certificate to each student who satisfactorily completes the course and examination. The certificate shall contain the following information:	3710.02	State, ORC 3710	N/A	No	Yes	No
3745-22-07	(C)	shall	(C) Any person sponsoring an initial or refresher training course shall annually complete and submit to the director an application on the form prescribed by the director . . .	3710.02	State, ORC 3710	N/A	No	Yes	No
3745-22-07	(C)	shall	. . . An application shall be accompanied by the appropriate fee set forth in paragraph (B) of this rule.	3710.02	State, ORC 3710	N/A	No	Yes	No
3745-22-07	(D)	shall	(D) No person other than the Ohio environmental protection agency shall conduct or offer to conduct any initial or refresher training course or examination required by this chapter . . .	3710.02	State, ORC 3710	N/A	No	Yes	No
3745-22-07	(D)	shall	. . . , the agency and the approved training provider shall administer the course and examinations according to the United States environmental protection agency . . .	3710.02	State, ORC 3710	N/A	No	Yes	No
3745-22-07	(E)	shall	(E) At a minimum, an asbestos hazard abatement specialist course shall provide curriculum topics, hours of instruction and an examination in accordance with the requirements for the discipline of "asbestos abatement contractors and supervisors" . . .	3710.02	State, ORC 3710	N/A	No	Yes	No
3745-22-07	(F)	shall	(F) At a minimum, an asbestos hazard evaluation specialist course shall provide curriculum topics, hours of instruction and an examination in accordance with the requirements for the disciplines of "inspectors" and "management planners" . . .	3710.02	State, ORC 3710	N/A	No	Yes	No
3745-22-07	(G)	shall	(G) At a minimum, an asbestos hazard abatement worker course shall provide curriculum topics, hours of instruction and an examination in accordance with the requirements for the discipline of "asbestos abatement workers" . . .	3710.02	State, ORC 3710	N/A	No	Yes	No
3745-22-07	(H)	shall	(H) At a minimum, an asbestos hazard abatement project designer course shall provide curriculum topics, hours of instruction and an examination in accordance with the requirements for the discipline of "abatement project designers" . . .	3710.02	State, ORC 3710	N/A	No	Yes	No
3745-22-07	(I)	shall	(I) An asbestos hazard abatement air-monitoring technician course shall provide a combined total of at least fifteen clock hours of instruction . . .	3710.02	State, ORC 3710	N/A	No	Yes	No
3745-22-07	(J)	shall	(J) After an applicant receives notice from the director that the application for approval of an asbestos training course has been granted, to maintain approval status, the applicant shall do the following: . . .	3710.02					
3745-22-07	(A)(2)	required	(2) Fails to submit required information or notifications in a timely manner.	3710.02	State, ORC 3710	N/A	No	Yes	No

3745-22-07	(A)(3)	required	(3) Fails to maintain required records.	3710.02	State, ORC 3710	N/A	No	Yes	No
3745-22-07	(B)(2)(b)	require	(b) Require a passing score of at least seventy per cent.	3710.02	State, ORC 3710	N/A	No	Yes	No
3745-22-07	(B)(2)(e)	required	. . . The reexamination may be taken two times, allowing a student a total of three opportunities to pass the required examination . . .	3710.02	State, ORC 3710	N/A	No	Yes	No
3745-22-07	(B)(2)(e)	require	. . . Failure of the student to pass the third attempt shall require the student to retake . . .	3710.02	State, ORC 3710	N/A	No	Yes	No
3745-22-07	(D)	required	(D) No person other than the Ohio environmental protection agency shall conduct or offer to conduct any initial or refresher training course or examination required by this chapter . . .	3710.02	State, ORC 3710	N/A	No	Yes	No
3745-22-08	(A)	shall	(A) To apply for certification as an asbestos hazard abatement worker, a person shall submit an application in accordance with rule 3745-22-03 of the Administrative Code. . .	3710.02	State, ORC 3710	N/A	No	Yes	No
3745-22-08	(A)	shall	. . . The application for an asbestos hazard abatement worker certificate shall include the following: . . .	3710.02	State, ORC 3710	N/A	No	Yes	No
3745-22-08	(B)	shall	(B) To become certified and to maintain certification under this rule, an asbestos hazard abatement worker shall meet the following criteria:	3710.02	State, ORC 3710	N/A	No	Yes	No
3745-22-08	(C)	shall	(C) An asbestos hazard abatement worker engaging in any asbestos hazard abatement project shall , during the course of the project, do the following:	3710.02	State, ORC 3710	N/A	No	Yes	No
3745-22-09	(A)	shall	(A) To apply for an asbestos hazard abatement project designer certificate, a person shall submit an application in accordance with rule 3745-22-03 of the Administrative Code.	3710.02	State, ORC 3710	N/A	No	Yes	No
3745-22-09	(A)	shall	. . . The application for an asbestos hazard abatement project designer certificate shall include the following: . . .	3710.02	State, ORC 3710	N/A	No	Yes	No
3745-22-09	(B)	shall	(B) To become certified and to maintain a certificate under this rule, an asbestos hazard abatement project designer shall meet the following criteria:	3710.02	State, ORC 3710	N/A	No	Yes	No
3745-22-09	(C)	shall	(C) An asbestos hazard abatement project designer engaged in the design of asbestos hazard abatement projects shall do the following:	3710.02	State, ORC 3710	N/A	No	Yes	No
3745-22-10	(A)	shall	(A) To apply for an asbestos hazard abatement air-monitoring technician certificate, a person shall submit an application in accordance with rule 3745-22-03 of the Administrative Code. . .	3710.02	State, ORC 3710	N/A	No	Yes	No
3745-22-10	(A)	shall	. . . The application for a certificate as an asbestos hazard abatement air-monitoring technician shall include all of the following:	3710.02	State, ORC 3710	N/A	No	Yes	No
3745-22-10	(B)	shall	(B) To become certified and maintain certification under this rule, an asbestos hazard abatement air-monitoring technician shall meet the following criteria:	3710.02	State, ORC 3710	N/A	No	Yes	No
3745-22-10	(C)	shall	(C) An asbestos hazard abatement air-monitoring technician . . . associated with exposure to asbestos shall do the following:	3710.02	State, ORC 3710	N/A	No	Yes	No
3745-22-11		shall	No asbestos hazard abatement contractor shall enter into . . . unless the agreement is in writing and contains the following:	3710.02	State, ORC 3710	N/A	No	Yes	No
3745-22-11	(B)(1)	shall	(1) All clearance air-sampling to be analyzed by phase contrast microscopy (PCM) shall be conducted in accordance with the . .	3710.02	State, ORC 3710	N/A	No	Yes	No
3745-22-11	(B)(1)	shall	(1) . . . A minimum of three samples shall be taken and show that the concentration of fibers for each sample is less than or equal to a limit of quantitation for PCM (0.01 fibers per cubic centimeter of air) . . .	3710.02	State, ORC 3710	N/A	No	Yes	No
3745-22-11	(b)(2)	shall	(2) All clearance air-sampling to be analyzed by Transmission Electron Microscopy shall be conducted in accordance with the regulations . . .	3710.02	State, ORC 3710	N/A	No	Yes	No
3745-22-08	(B)(2)	required	Paid the fee required by rule 3745-22-03 of the Administrative Code.	3710.02	State, ORC 3710	N/A	No	Yes	No
3745-22-09	(B)(2)	required	Paid the fee required by rule 3745-22-03 of the Administrative Code.	3710.02	State, ORC 3710	N/A	No	Yes	No
3745-22-09	(C)(2)(b)	required	Performance, specifying the required results.	3710.02	State, ORC 3710	N/A	No	Yes	No
3745-22-09	(C)(3)	required	In addition to any information required by this rule, provide the following information in each project design:	3710.02	State, ORC 3710	N/A	No	Yes	No
3745-22-10	(B)(2)	required	Paid the fee required by rule 3745-22-03 of the Administrative Code.	3710.02	State, ORC 3710	N/A	No	Yes	No
3745-22-11	(D)	required	... and whether or not a contained work site will be established as required by regulations of the United States occupational safety and health administration, 29 CFR Part 1926.1101.	3710.02	State, ORC 3710	N/A	No	Yes	No

OAC Rule #	Paragraph	Restriction	Description/Quotation	Statutory Authority	State or Fed Law?	If Fed, crosswalk?	Federally delegated program?	Removal would require state or federal law change?	Requirement on the agency or director?
3745-23-01	(A)	shall	Except as otherwise provided in this rule, the definitions in rule 3745-15-01 of the Administrative Code shall apply to this chapter.	3704.03(D)	Fed	CAA 110(a)(2)(B)	Yes - SIP	Yes - Federal	
3745-23-02	(A)	shall	For purposes of ascertaining, defining, and measuring ambient air quality, nitrogen dioxide shall be measured by the methods stated in...	3704.03(D)	Fed	CAA 110(a)(2)(B)	Yes - SIP	Yes - Federal	
3745-23-02	(A)	shall	Such measurements shall be corrected to standard conditions for purposes of...	3704.03(D)	Fed	CAA 110(a)(2)(B)	Yes - SIP	Yes - Federal	
3745-23-02	(B)	shall	Concentrations of nitrogen dioxide shall be determined through the use of...	3704.03(D)	Fed	CAA 110(a)(2)(B)	Yes - SIP	Yes - Federal	
3745-23-02	(B)	required	.... through the use of a reference method required by 40 CFR 50.11....	3704.03(D)	Fed	CAA 110(a)(2)(B)	Yes - SIP	Yes - Federal	

OAC Rule #	Paragraph	Restriction	Description/Quotation	Statutory Authority	State or Fed Law?	If Fed, crosswalk?	Federally delegated program?	Removal would require state or federal law change?	Requirement on the agency or director?
3745-24-01	(A)	Shall	...the definitions in rule 3745-15-01 of the Administrative Code shall apply to this chapter	3704.03(E), 3704.03(I)/3704.03	Federal	CAA 182(a)(3)(B)	YES	YES	NO
3745-24-01	(B)(4)	Must	...hard copy form with original signature must be provided to the Ohio environmental protection	3704.03(E), 3704.03(I)/3704.03	Federal	CAA 182(a)(3)(B)	YES	YES	NO
3745-24-01	(B)(4)	Required	Submit or "submitted" means to present, or to have presented, to the Ohio environmental protection agency a document that is required under this chapter	3704.03(E), 3704.03(I)/3704.03	Federal	CAA 182(a)(3)(B)	YES	YES	NO
3745-24-02	(A)	Shall	this chapter shall apply to any facility that emits twenty-five tons or more of NOx or twenty-five tons or more of VOC during the calendar year and is located in a county designated as nonattainment for the national ambient air quality standards for ozone.	3704.03(E), 3704.03(I)/3704.03	Federal	CAA 182(a)(3)(B)	YES	YES	NO
3745-24-02	(B)	Shall	Any facility that is located in a county described in paragraph (A) of this rule shall be exempt from this chapter beginning January first of the year following the U.S. environmental protection agency redesignation	3704.03(E), 3704.03(I)/3704.03	Federal	CAA 182(a)(3)(B)	YES	YES	NO
3745-24-02	(C)	Shall	Any facility meeting the criteria in paragraph (A) of this rule that is permanently shut down shall file a final emission statement	3704.03(E), 3704.03(I)/3704.03	Federal	CAA 182(a)(3)(B)	YES	YES	NO
3745-24-02	(A)	Shall NOT	In determining whether or not a facility emits twenty-five tons or more of NOx or twenty-five tons or more of VOC, any source that is exempt under paragraph (C) of rule 3745-24-04 of the Administrative Code shall not be included in the emission estimate.	3704.03(E), 3704.03(I)/3704.03	Federal	CAA 182(a)(3)(B)	YES	YES	NO
3745-24-03		Shall	The emission statements for each calendar year on or after the effective date of this rule shall be submitted by April fifteenth of the calendar	3704.03(E), 3704.03(I)/3704.03	Federal	CAA 182(a)(3)(B)	YES	YES	NO
3745-24-04	(A)	Shall	Any owner or operator of any affected facility that meets the applicability requirements specified in rule 3745-24-02 of the Administrative Code shall submit emission statements in accordance with the deadlines specified in rule 3745-24-03	3704.03(E), 3704.03(I)/3704.03	Federal	CAA 182(a)(3)(B)	YES	YES	NO
3745-24-04	(A)	Shall	both pollutants shall be included in the emissions statement even if one of the pollutants is emitted at a level below the reporting threshold.	3704.03(E), 3704.03(I)/3704.03	Federal	CAA 182(a)(3)(B)	YES	YES	NO
3745-24-04	(B)	Shall	The emission statements shall be submitted to the Ohio EPA	3704.03(E), 3704.03(I)/3704.03	Federal	CAA 182(a)(3)(B)	YES	YES	NO
3745-24-04	(B)	Shall	manner prescribed by the director and shall include at a minimum the following information:	3704.03(E), 3704.03(I)/3704.03	Federal	CAA 182(a)(3)(B)	YES	YES	NO
3745-24-04	(B)(1)	Shall	The certifying individual shall certify that the information contained in the statement is accurate to the best of their knowledge and that all estimates	3704.03(E), 3704.03(I)/3704.03	Federal	CAA 182(a)(3)(B)	YES	YES	NO
3745-24-04	(B)(3)	Required	Any supporting information required by the director to confirm compliance with paragraph (B) of this rule.	3704.03(E), 3704.03(I)/3704.03	Federal	CAA 182(a)(3)(B)	YES	YES	no
3745-24-04	(C)(1)	Shall not	Emission statements shall not apply to any source that would be exempt pursuant to division (A) of section 3704.011 of the Revised Code based solely on NOx and VOC emissions regardless of whether the source meets the exceptions provided in divisions (A)(1) to (A)(5) of section 3704.011 of the Revised Code,	3704.03(E), 3704.03(I)/3704.03	Federal	CAA 182(a)(3)(B)	YES	YES	NO
3745-24-04	(C)(2)	required	...sources does not exceed five tons per year for NOx and five tons per year for VOC, are not required to complete the emission statement.	3704.03(E), 3704.03(I)/3704.03	Federal	CAA 182(a)(3)(B)	YES	YES	no

OAC Rule #	Paragraph	Restriction	Description/Quotation	Statutory Authority	State or Fed Law?	If Fed, crosswalk?	Federally delegated program?	Removal would require state or federal law change?	Requirement on the agency or director?
3745-25-02	(A)(1)	shall	For the purpose of determining attainment of the primary and secondary ambient air quality standards for particulate matter applicable throughout the state of Ohio, particulates shall be measured in the ambient air as both PM10 and PM2.5.	3704.032, 3704.03(E)	federal	CAA section 110(a)(2), 40 CFR Appendix G, Pt. 50	Yes - SIP	Yes - Federal	
3745-25-02	(B)(1)	shall	The primary ambient air quality standards for sulfur dioxide applicable throughout the state of Ohio shall be as follows:	3704.032, 3704.03(E)	federal	CAA section 110(a)(2), 40 CFR Appendix T, Pt. 50	Yes - SIP	Yes - Federal	
3745-25-02	(B)(1)(a)	shall	The maximum annual arithmetic mean concentration not to be exceeded in a calendar year shall be 0.030 parts per million by volume.	3704.032, 3704.03(E)	federal	CAA section 110(a)(2), 40 CFR Appendix T, Pt. 50	Yes - SIP	Yes - Federal	
3745-25-02	(B)(1)(a)	shall	The annual arithmetic mean shall be rounded to three decimal places (fractional parts equal to or greater than 0.0005 parts per million by volume shall be rounded up).	3704.032, 3704.03(E)	federal	CAA section 110(a)(2), 40 CFR Appendix T, Pt. 50	Yes - SIP	Yes - Federal	
3745-25-02	(B)(1)(a)	shall	The annual arithmetic mean shall be rounded to three decimal places (fractional parts equal to or greater than 0.0005 parts per million by volume shall be rounded up).	3704.032, 3704.03(E)	federal	CAA section 110(a)(2), 40 CFR Appendix T, Pt. 50	Yes - SIP	Yes - Federal	
3745-25-02	(B)(1)(b)	shall	The maximum twenty-four-hour concentration not to be exceeded more than once per calendar year shall be 0.14 parts per million by volume.	3704.032, 3704.03(E)	federal	CAA section 110(a)(2), 40 CFR Appendix T, Pt. 50	Yes - SIP	Yes - Federal	
3745-25-02	(B)(1)(b)	shall	The twenty-four-hour average concentration shall be determined from successive nonoverlapping twenty-four hour blocks starting at midnight each calendar day and shall be rounded to two decimal places (fractional parts equal to or greater than 0.005 parts per million by volume shall be rounded up).	3704.032, 3704.03(E)	federal	CAA section 110(a)(2), 40 CFR Appendix T, Pt. 50	Yes - SIP	Yes - Federal	
3745-25-02	(B)(1)(b)	shall	The twenty-four-hour average concentration shall be determined from successive nonoverlapping twenty-four hour blocks starting at midnight each calendar day and shall be rounded to two decimal places (fractional parts equal to or greater than 0.005 parts per million by volume shall be rounded up).	3704.032, 3704.03(E)	federal	CAA section 110(a)(2), 40 CFR Appendix T, Pt. 50	Yes - SIP	Yes - Federal	
3745-25-02	(B)(1)(b)	shall	The twenty-four-hour average concentration shall be determined from successive nonoverlapping twenty-four hour blocks starting at midnight each calendar day and shall be rounded to two decimal places (fractional parts equal to or greater than 0.005 parts per million by volume shall be rounded up).	3704.032, 3704.03(E)	federal	CAA section 110(a)(2), 40 CFR Appendix T, Pt. 50	Yes - SIP	Yes - Federal	
3745-25-02	(B)(2)	shall	The secondary ambient air quality standard for sulfur dioxide applicable throughout the state of Ohio shall be a maximum...	3704.032, 3704.03(E)	federal	CAA section 110(a)(2), 40 CFR Appendix T, Pt. 50	Yes - SIP	Yes - Federal	
3745-25-02	(B)(2)	shall	The three-hour averages shall be determined from successive nonoverlapping three-hour blocks starting at midnight each calendar day and shall be rounded to one decimal place (fractional parts equal to or greater than 0.05 parts per million by volume shall be rounded up).	3704.032, 3704.03(E)	federal	CAA section 110(a)(2), 40 CFR Appendix T, Pt. 50	Yes - SIP	Yes - Federal	
3745-25-02	(B)(2)	shall	The three-hour averages shall be determined from successive nonoverlapping three-hour blocks starting at midnight each calendar day and shall be rounded to one decimal place (fractional parts equal to or greater than 0.05 parts per million by volume shall be rounded up).	3704.032, 3704.03(E)	federal	CAA section 110(a)(2), 40 CFR Appendix T, Pt. 50	Yes - SIP	Yes - Federal	
3745-25-02	(B)(2)	shall	The three-hour averages shall be determined from successive nonoverlapping three-hour blocks starting at midnight each calendar day and shall be rounded to one decimal place (fractional parts equal to or greater than 0.05 parts per million by volume shall be rounded up).	3704.032, 3704.03(E)	federal	CAA section 110(a)(2), 40 CFR Appendix T, Pt. 50	Yes - SIP	Yes - Federal	
3745-25-02	(B)(3)	shall	For purposes of ascertaining, defining and measuring ambient air quality, concentrations of sulfur dioxide shall be determined...	3704.032, 3704.03(E)	federal	CAA section 110(a)(2), 40 CFR Appendix T, Pt. 50	Yes - SIP	Yes - Federal	
3745-25-02	(C)(1)	shall	The primary ambient air quality standards for carbon monoxide, applicable throughout the state of Ohio, shall be as follows:	3704.032, 3704.03(E)	federal	CAA section 110(a)(2), 40 CFR Appendix C, Pt. 50	Yes - SIP	Yes - Federal	
3745-25-02	(C)(1)(a)	shall	The maximum eight-hour arithmetic mean concentration not to be exceeded more than once per year shall be nine parts per million by volume.	3704.032, 3704.03(E)	federal	CAA section 110(a)(2), 40 CFR Appendix C, Pt. 50	Yes - SIP	Yes - Federal	
3745-25-02	(C)(1)(b)	shall	The maximum one-hour arithmetic mean concentration not to be exceeded more than once per year shall be thirty-five parts per million by volume.	3704.032, 3704.03(E)	federal	CAA section 110(a)(2), 40 CFR Appendix C, Pt. 50	Yes - SIP	Yes - Federal	
3745-25-02	(C)(2)	shall	For purposes of ascertaining, defining and measuring ambient air quality, concentrations of carbon monoxide shall be determined...	3704.032, 3704.03(E)	federal	CAA section 110(a)(2), 40 CFR Appendix C, Pt. 50	Yes - SIP	Yes - Federal	
3745-25-02	(D)(1)	shall	The primary and secondary ambient air quality standard for ozone applicable throughout the state of Ohio, shall be 0.070 parts per...	3704.032, 3704.03(E)	federal	CAA section 110(a)(2), 40 CFR Appendix D, Pt. 50	Yes - SIP	Yes - Federal	
3745-25-02	(E)(1)	shall	The primary ambient air quality standards for oxides of nitrogen applicable throughout the state of Ohio, measured in the ambient air as nitrogen dioxide, shall be as follows:	3704.032, 3704.03(E)	federal	CAA section 110(a)(2), 40 CFR Appendix S, Pt. 50	Yes - SIP	Yes - Federal	
3745-25-02	(E)(2)	shall	The secondary ambient air quality standard for oxides of nitrogen applicable throughout the state of Ohio shall be 0.053 parts per million by volume,...	3704.032, 3704.03(E)	federal	CAA section 110(a)(2), 40 CFR Appendix S, Pt. 50	Yes - SIP	Yes - Federal	
3745-25-02	(E)(3)	shall	For purposes of ascertaining, defining and measuring ambient air quality concentrations of oxides of nitrogen shall be determined either through...	3704.032, 3704.03(E)	federal	CAA section 110(a)(2), 40 CFR Appendix S, Pt. 50	Yes - SIP	Yes - Federal	
3745-25-02	(F)(2)	shall	For purposes of ascertaining, defining and measuring ambient air quality, concentrations of lead shall be determined either through ...	3704.032, 3704.03(E)	federal	CAA section 110(a)(2), 40 CFR Appendix G, Pt. 50	Yes - SIP	Yes - Federal	

3745-25-02	(E)(2)	must	... (fractional parts equal to or greater than 0.0005 parts per million by volume must be rounded up),...	3704.032, 3704.03(E)	federal	CAA section 110(a)(2), 40 CFR Appendix S, Pt. 50	Yes - SIP	Yes - Federal	
3745-25-03	(A)	shall	Conditions justifying the proclamation of an air pollution "Alert", air pollution "Warning", or air pollution "Emergency" shall be deemed to exist whenever...	3704.032, 3704.03(E)	federal	CAA 110(a)(2),	Yes - SIP	Yes - Federal	
3745-25-03	(B)	shall	"Air pollution forecast": An internal watch by the Ohio environmental protection agency shall be actuated by a national weather service advisory that...	3704.032, 3704.03(E)	federal	CAA 110(a)(2),	Yes - SIP	Yes - Federal	
3745-25-03	(B)	shall	The air pollution forecast for photochemical oxidants shall take into consideration, but not be limited to, ambient temperatures, surface winds, and ultra-violet solar radiation levels.	3704.032, 3704.03(E)	federal	CAA 110(a)(2),	Yes - SIP	Yes - Federal	
3745-25-04	(A)	shall	Any person responsible for the operation of a source of air contaminants which emits 0.25 tons per day or more of air contaminants for which air quality standards have been adopted shall prepare emission control action programs,...	3704.032, 3704.03(E)	federal	CAA 110(a)(2),	Yes - SIP	Yes - Federal	
3745-25-04	(A)	shall	Emission control action programs shall be designed to reduce or eliminate emissions of...	3704.032, 3704.03(E)	federal	CAA 110(a)(2),	Yes - SIP	Yes - Federal	
3745-25-04	(B)	shall	Emission control action programs required by paragraph (A) of this rule shall be in writing and show...	3704.032, 3704.03(E)	federal	CAA 110(a)(2),	Yes - SIP	Yes - Federal	
3745-25-04	(B)	shall	... during each stage of an air pollution episode, and such other information as the director shall deem pertinent.	3704.032, 3704.03(E)	federal	CAA 110(a)(2),	Yes - SIP	Yes - Federal	yes
3745-25-04	(C)	shall	Emission control action programs shall be filed with the director at the following times:	3704.032, 3704.03(E)	federal	CAA 110(a)(2),	Yes - SIP	Yes - Federal	
3745-25-04	(C)(1)	shall	Existing sources as of December 15, 1978 - shall file not later than June 15, 1979.	3704.032, 3704.03(E)	federal	CAA 110(a)(2),	Yes - SIP	Yes - Federal	
3745-25-04	(C)(2)	shall	New sources that are, or will be, part of a facility, as defined in Chapter 3745-77 of the Administrative Code, and that are required to obtain a Title V permit under Chapter 3745-77 of the Administrative Code - shall file with an application for a Title V permit, in accordance with rule 3745-77-04 of the Administrative Code.	3704.032, 3704.03(E)	federal	CAA 110(a)(2),	Yes - SIP	Yes - Federal	
3745-25-04	(C)(3)	shall	New sources not part of a facility, as defined in Chapter 3745-77 of the Administrative Code, and that are not required to obtain a Title V permit under Chapter 3745-77 of the Administrative Code - shall file with...	3704.032, 3704.03(E)	federal	CAA 110(a)(2),	Yes - SIP	Yes - Federal	
3745-25-04	(D)	shall	... emission control action programs required by paragraph (A) of this rule shall be made available on the premises to any person authorized to enforce the provisions of the emergency procedure.	3704.032, 3704.03(E)	federal	CAA 110(a)(2),	Yes - SIP	Yes - Federal	
3745-25-04	(E)	shall	Emission control action programs as required by paragraph (A) of this rule shall be submitted to the...	3704.032, 3704.03(E)	federal	CAA 110(a)(2),	Yes - SIP	Yes - Federal	
3745-25-04	(E)	shall	...such emission control action programs shall be subject to review and...	3704.032, 3704.03(E)	federal	CAA 110(a)(2),	Yes - SIP	Yes - Federal	
3745-25-04	Appendix, table 1	required	B - Other persons required by the Board or prepare standby plans.	3704.032, 3704.03(E)	federal	CAA 110(a)(2),	Yes - SIP	Yes - Federal	
3745-25-04	appendix, table 2	required	B - Other persons required by the Board to prepare standby plans.	3704.032, 3704.03(E)	federal	CAA 110(a)(2),	Yes - SIP	Yes - Federal	
3745-25-04	Appendix, table 3	required	B - Other persons required by the Board to prepare standby plans.	3704.032, 3704.03(E)	federal	CAA 110(a)(2),	Yes - SIP	Yes - Federal	
3745-25-04	Appendix, table 4	required	B - Other persons required by the Board to prepare standby plans.	3704.032, 3704.03(E)	federal	CAA 110(a)(2),	Yes - SIP	Yes - Federal	
3745-25-04	Appendix, table 5	required	B - Other persons required by the Board to prepare standby plans.	3704.032, 3704.03(E)	federal	CAA 110(a)(2),	Yes - SIP	Yes - Federal	
3745-25-04	(B)	required	Emission control action programs required by paragraph (A) of this rule shall be...	3704.032, 3704.03(E)	federal	CAA 110(a)(2),	Yes - SIP	Yes - Federal	
3745-25-04	(B)	required	... the approximate amount of reduction of air contaminants, the approximate time required to effect the program,...	3704.032, 3704.03(E)	federal	CAA 110(a)(2),	Yes - SIP	Yes - Federal	
3745-25-04	(C)(2)	required	New sources that are, or will be, part of a facility, as defined in Chapter 3745-77 of the Administrative Code, and that are required to obtain a Title V permit under...	3704.032, 3704.03(E)	federal	CAA 110(a)(2),	Yes - SIP	Yes - Federal	
3745-25-04	(C)(3)	required	New sources not part of a facility, as defined in Chapter 3745-77 of the Administrative Code, and that are not required to obtain a Title V permit under...	3704.032, 3704.03(E)	federal	CAA 110(a)(2),	Yes - SIP	Yes - Federal	
3745-25-04	(D)	required	During a condition of an air pollution "Alert", air pollution "Warning", and air pollution "Emergency" emission control action programs required by paragraph (A) of this rule shall be....	3704.032, 3704.03(E)	federal	CAA 110(a)(2),	Yes - SIP	Yes - Federal	
3745-25-04	(E)	required	Emission control action programs as required by paragraph (A) of this rule shall be submitted...	3704.032, 3704.03(E)	federal	CAA 110(a)(2),	Yes - SIP	Yes - Federal	
3745-25-05	(A)(1)(a)	shall	Any person responsible for the operation of a source of air contamination as set forth in paragraph (A) of rule 3745-25-04 of the Administrative Code shall take all air pollution...	3704.032, 3704.03(E)	federal	CAA 110(a)(2),	Yes - SIP	Yes - Federal	
3745-25-05	(A)(1)(a)	shall	... and shall particularly put into effect, the emission control action programs for an air pollution "Alert".	3704.032, 3704.03(E)	federal	CAA 110(a)(2),	Yes - SIP	Yes - Federal	
3745-25-05	(A)(1)(b)(i)	shall	There shall be no open burning by any persons of tree waste, vegetation, refuse, or debris in any form.	3704.032, 3704.03(E)	federal	CAA 110(a)(2),	Yes - SIP	Yes - Federal	
3745-25-05	(A)(1)(b)(iii)	shall	Persons operating fuel-burning equipment which requires boiler lancing or soot blowing shall perform such operations only between twelve p.m. and four p.m.	3704.032, 3704.03(E)	federal	CAA 110(a)(2),	Yes - SIP	Yes - Federal	
3745-25-05	(A)(1)(c)(i)	shall	There shall be no open burning by any persons of tree waste, vegetation, refuse, or debris in any form.	3704.032, 3704.03(E)	federal	CAA 110(a)(2),	Yes - SIP	Yes - Federal	
3745-25-05	(A)(1)(c)(iii)	shall	Persons operating motor vehicles shall be strongly encouraged to eliminate the unnecessary use of automobiles, motorcycles, light-duty trucks and vans, and recreational vehicles.	3704.032, 3704.03(E)	federal	CAA 110(a)(2),	Yes - SIP	Yes - Federal	
3745-25-05	(A)(2)(a)	shall	...Any person responsible for the operation of a source of air contamination as set forth in paragraph (A) of rule 3745-25-04 of the Administrative Code shall take all air pollution "Warning" actions as required for...	3704.032, 3704.03(E)	federal	CAA 110(a)(2),	Yes - SIP	Yes - Federal	

3745-25-05	(A)(2)(a)	shall	...and shall particularly put into effect, the emission control action programs for an air pollution "Warning."	3704.032, 3704.03(E)	federal	CAA 110(a)(2),	Yes - SIP	Yes - Federal	
3745-25-05	(A)(2)(b)(i)	shall	There shall be no open burning by any persons of tree waste, vegetation, refuse, or debris in any form.	3704.032, 3704.03(E)	federal	CAA 110(a)(2),	Yes - SIP	Yes - Federal	
3745-25-05	(A)(2)(b)(ii)	shall	The use of incinerators for the disposal of any form of solid waste or liquid waste shall be prohibited.	3704.032, 3704.03(E)	federal	CAA 110(a)(2),	Yes - SIP	Yes - Federal	
3745-25-05	(A)(2)(b)(iii)	shall	Persons operating fuel-burning equipment which requires boiler lancing or soot blowing shall perform such operations only between the hours of twelve p.m. and four p.m.	3704.032, 3704.03(E)	federal	CAA 110(a)(2),	Yes - SIP	Yes - Federal	
3745-25-05	(A)(2)(c)(i)	shall	There shall be no open burning by any persons of tree waste, vegetation, refuse, or debris in any form.	3704.032, 3704.03(E)	federal	CAA 110(a)(2),	Yes - SIP	Yes - Federal	
3745-25-05	(A)(2)(c)(ii)	shall	The use of incinerators for the disposal of any form of solid waste or liquid waste shall be prohibited.	3704.032, 3704.03(E)	federal	CAA 110(a)(2),	Yes - SIP	Yes - Federal	
3745-25-05	(A)(2)(c)(iii)	shall	Persons operating motor vehicles shall be strongly encouraged to eliminate the unnecessary use of...	3704.032, 3704.03(E)	federal	CAA 110(a)(2),	Yes - SIP	Yes - Federal	
3745-25-05	(A)(2)(c)(iv)	shall	For carbon monoxide "Warnings," persons operating motor vehicles shall be encouraged to avoid the air pollution "Warning" area.	3704.032, 3704.03(E)	federal	CAA 110(a)(2),	Yes - SIP	Yes - Federal	
3745-25-05	(A)(3)(a)(i)	shall	Any person responsible for the operation of a source of air contamination as described in paragraph (A) of rule 3745-25-04 of the Administrative Code shall take all...	3704.032, 3704.03(E)	federal	CAA 110(a)(2),	Yes - SIP	Yes - Federal	
3745-25-05	(A)(3)(a)(i)	shall	... and shall particularly put into effect the emission control action programs for an air pollution "Emergency".	3704.032, 3704.03(E)	federal	CAA 110(a)(2),	Yes - SIP	Yes - Federal	
3745-25-05	(A)(3)(a)(ii)	shall	All manufacturing establishments except those included in paragraph (A)(3)(a)(i) of this rule shall institute such action as will...	3704.032, 3704.03(E)	federal	CAA 110(a)(2),	Yes - SIP	Yes - Federal	
3745-25-05	(A)(3)(a)(iii)	shall	All of the following places of employment shall immediately cease operations:	3704.032, 3704.03(E)	federal	CAA 110(a)(2),	Yes - SIP	Yes - Federal	
3745-25-05	(A)(3)(a)(iv)	shall	There shall be no open burning by any person of tree waste, vegetation, refuse, or debris in any form.	3704.032, 3704.03(E)	federal	CAA 110(a)(2),	Yes - SIP	Yes - Federal	
3745-25-05	(A)(3)(a)(v)	shall	The use of incinerators for the disposal of any form of solid or liquid waste shall be prohibited.	3704.032, 3704.03(E)	federal	CAA 110(a)(2),	Yes - SIP	Yes - Federal	
3745-25-05	(A)(3)(a)(vi)	shall	The use of motor vehicles; including, but not limited to automobiles, motorcycles, light-duty trucks and vans, and recreational vehicles; shall be prohibited except in emergencies with the approval of local or state police.	3704.032, 3704.03(E)	federal	CAA 110(a)(2),	Yes - SIP	Yes - Federal	
3745-25-05	(A)(3)(a)(iii)(b)	must	All contract construction work except that which must proceed to avoid physical harm.	3704.032, 3704.03(E)	federal	CAA 110(a)(2),	Yes - SIP	Yes - Federal	
3745-25-05	(A)(3)(a)(iii)(d)	must	All offices of local, county, and state government including authorities, joint meetings, and other public bodies; except to the extent that such offices must continue to operate in order to enforce the requirements of this order pursuant to statute.	3704.032, 3704.03(E)	federal	CAA 110(a)(2),	Yes - SIP	Yes - Federal	
3745-25-05	(A)(1)(b)(iii)	requires	Persons operating fuel-burning equipment which requires boiler lancing or soot blowing shall perform...	3704.032, 3704.03(E)	federal	CAA 110(a)(2),	Yes - SIP	Yes - Federal	
3745-25-05	(A)(2)(b)(iii)	requires	Persons operating fuel-burning equipment which requires boiler lancing or soot blowing shall perform...	3704.032, 3704.03(E)	federal	CAA 110(a)(2),	Yes - SIP	Yes - Federal	
3745-25-05	(A)(1)(a)	required	Any person responsible for the operation of a source of air contamination as set forth in paragraph (A) of rule 3745-25-04 of the Administrative Code shall take all air pollution "Alert" actions as required for such source of air contamination...	3704.032, 3704.03(E)	federal	CAA 110(a)(2),	Yes - SIP	Yes - Federal	
3745-25-05	(A)(2)(a)	required	... shall take all air pollution "Warning"actions as required for such source of air contamination; and shall particularly put into effect, ...	3704.032, 3704.03(E)	federal	CAA 110(a)(2),	Yes - SIP	Yes - Federal	
3745-25-05	(A)(3)(a)(i)	required	... shall take all air pollution "Emergency" actions as listed as required for such source of air contamination;	3704.032, 3704.03(E)	federal	CAA 110(a)(2),	Yes - SIP	Yes - Federal	
3745-25-05	(A)(2)(b)(ii)	prohibited	The use of incinerators for the disposal of any form of solid waste or liquid waste shall be prohibited .	3704.032, 3704.03(E)	federal	CAA 110(a)(2),	Yes - SIP	Yes - Federal	
3745-25-05	(A)(2)(c)(ii)	prohibited	The use of incinerators for the disposal of any form of solid waste or liquid waste shall be prohibited .	3704.032, 3704.03(E)	federal	CAA 110(a)(2),	Yes - SIP	Yes - Federal	
3745-25-05	(A)(3)(a)(v)	prohibited	The use of incinerators for the disposal of any form of solid or liquid waste shall be prohibited .	3704.032, 3704.03(E)	federal	CAA 110(a)(2),	Yes - SIP	Yes - Federal	
3745-25-05	(A)(3)(a)(vi)	prohibited	The use of motor vehicles; including, but not limited to automobiles, motorcycles, light-duty trucks and vans, and recreational vehicles; shall be prohibited except in emergencies with the approval of local or state police.	3704.032, 3704.03(E)	federal	CAA 110(a)(2),	Yes - SIP	Yes - Federal	

OAC Rule #	Paragraph	Restriction	Description/Quotation	Statutory Authority	State or Fed Law?	If Fed, crosswalk?	Federally delegated program?	Removal would require state or federal law change?	Requirement on the agency or director?
3745-26-01	(B)	Required	"Certified inspector" means an individual who has attended a required training...	3704.14	FED	CAA 1990 Amendments Sec. 182. 40 CFR Part 51.350 Subpart S	YES	Yes, both	n
3745-26-01	(D)	Required	"Certified waiver repair technician" means an individual who has attended and completed required training...	3704.14	FED	CAA 1990 Amendments Sec. 182. 40 CFR Part 51.350 Subpart S	YES	Yes, both	n
3745-26-01	(D)	Required	"Certified waiver repair technician" means an individual who has attended and completed required training, successfully passed a required examination ...	3704.14	FED	CAA 1990 Amendments Sec. 182. 40 CFR Part 51.350 Subpart S	YES	Yes, both	n
3745-26-01	(E)	Required	..."comply" means a vehicle has passed all aspects and parameters of the anti-tampering enhanced vehicle inspection and maintenance program, which is required under this chapter.	3704.14	FED	CAA 1990 Amendments Sec. 182. 40 CFR Part 51.350 Subpart S	YES	Yes, both	n
3745-26-01	(F)	Shall	This contractor shall , in part, operate, manage or oversee a system of inspection stations operated by the contractor and subcontractor for the enhanced inspection and maintenance program.	3704.14	FED	CAA 1990 Amendments Sec. 182. 40 CFR Part 51.350 Subpart S	YES	Yes, both	n
3745-26-01	(GG)	Required	A waiver certificate shall serve the same purpose as the compliance certificate to be presented to the registrar of motor vehicles as required by section...	3704.14	FED	CAA 1990 Amendments Sec. 182. 40 CFR Part 51.350 Subpart S	YES	Yes, both	n
3745-26-01	(GG)	Shall	A waiver certificate shall serve the same purpose as the compliance certificate to be presented to the registrar...	3704.14	FED	CAA 1990 Amendments Sec. 182. 40 CFR Part 51.350 Subpart S	YES	Yes, both	n
3745-26-01	(K)	May not	"Exemption certificate" means the official certificate, issued by the director, to a vehicle owner or lessee whose vehicle may not require inspection as prescribed in rule...	3704.14	FED	CAA 1990 Amendments Sec. 182. 40 CFR Part 51.350 Subpart S	YES	Yes, both	n
3745-26-01	(K)	Require	"Exemption certificate" means the official certificate, issued by the director, to a vehicle owner or lessee whose vehicle may not require inspection as prescribed...	3704.14	FED	CAA 1990 Amendments Sec. 182. 40 CFR Part 51.350 Subpart S	YES	Yes, both	n
3745-26-01	(K)	Required	...exemption certificate shall serve the same purpose as the certificate to be presented to the registrar of motor vehicles as required by section...	3704.14	FED	CAA 1990 Amendments Sec. 182. 40 CFR Part 51.350 Subpart S	YES	Yes, both	n
3745-26-01	(K)	Required	...extension certificate shall serve the same purpose as the certificate to be presented to the registrar of motor vehicles as required by section...	3704.14	FED	CAA 1990 Amendments Sec. 182. 40 CFR Part 51.350 Subpart S	YES	Yes, both	n
3745-26-01	(K)	Shall	An exemption certificate shall serve the same purpose as the certificate to be presented to the registrar...	3704.14	FED	CAA 1990 Amendments Sec. 182. 40 CFR Part 51.350 Subpart S	YES	Yes, both	n
3745-26-01	(L)	Shall	An exemption certificate shall serve the same purpose as the certificate to be presented to the registrar...	3704.14	FED	CAA 1990 Amendments Sec. 182. 40 CFR Part 51.350 Subpart S	YES	Yes, both	n
3745-26-01	(M)	Required	"Foreign imported gray market vehicle" means any vehicle of a type required to be registered that is brought into this state...	3704.14	FED	CAA 1990 Amendments Sec. 182. 40 CFR Part 51.350 Subpart S	YES	Yes, both	n
3745-26-01	(OO)	Required	The vehicle inspection report contains a detachable inspection certificate that is to be presented to the registrar of motor vehicles as required by division...	3704.14	FED	CAA 1990 Amendments Sec. 182. 40 CFR Part 51.350 Subpart S	YES	Yes, both	n
3745-26-01	(P)	Required	An inspection certificate indicating compliance is to be presented to the registrar as required by division ...	3704.14	FED	CAA 1990 Amendments Sec. 182. 40 CFR Part 51.350 Subpart S	YES	Yes, both	n
3745-26-01	(PP)	Required	"Waiver limit" means the minimum dollar amount required to be spent...	3704.14	FED	CAA 1990 Amendments Sec. 182. 40 CFR Part 51.350 Subpart S	YES	Yes, both	n
3745-26-01	(Q)	Shall	Each inspection station shall keep an updated manual on the premises at all times.	3704.14	FED	CAA 1990 Amendments Sec. 182. 40 CFR Part 51.350 Subpart S	YES	Yes, both	n
3745-26-01	(Y)	Required	"Nonattainment area" means an area that has not achieved the national ambient air quality standards and that is required to undergo certain air pollution control strategies...	3704.14	FED	CAA 1990 Amendments Sec. 182. 40 CFR Part 51.350 Subpart S	YES	Yes, both	n
3745-26-10	(A)	Required	The motor vehicle inspections conducted under the enhanced tailpipe emissions inspection program required under section 3704.14 ...	3704.14	FED	CAA 1990 Amendments Sec. 182. 40 CFR Part 51.350 Subpart S	YES	Yes, both	n
3745-26-10	(A)	Shall	...motor vehicle inspections conducted under the enhanced tailpipe emissions inspection program required under section 3704.14 of the Revised Code shall be conducted by one or more private contractors.	3704.14	FED	CAA 1990 Amendments Sec. 182. 40 CFR Part 51.350 Subpart S	YES	Yes, both	n
3745-26-10	(B)	Shall	The contract shall be awarded by the director of administrative services...	3704.14	FED	CAA 1990 Amendments Sec. 182. 40 CFR Part 51.350 Subpart S	YES	Yes, both	y
3745-26-10	(B)	Shall	...the contractor shall comply with all aspects of the bid contract as awarded.	3704.14	FED	CAA 1990 Amendments Sec. 182. 40 CFR Part 51.350 Subpart S	YES	Yes, both	n
3745-26-10	(C)	Required	...where the director determines that the tailpipe emission inspections are no longer necessary, in a designated program area for the purpose of inspecting vehicles as required under section 3704.14 ...	3704.14	FED	CAA 1990 Amendments Sec. 182. 40 CFR Part 51.350 Subpart S	YES	Yes, both	n
3745-26-10	(C)	Shall	The contractor shall construct, maintain and operate computerized, high volume on board diagnostics inspection stations...	3704.14	FED	CAA 1990 Amendments Sec. 182. 40 CFR Part 51.350 Subpart S	YES	Yes, both	n
3745-26-10	(C)	Shall	These contractor run vehicle emissions inspection stations shall meet, but not be limited to the following requirements:	3704.14	FED	CAA 1990 Amendments Sec. 182. 40 CFR Part 51.350 Subpart S	YES	Yes, both	n
3745-26-10	(C) (1)	Shall	Eighty per cent of the population that is subject to section 3704.14 of the Revised Code shall be no more than five miles from an emission inspection station	3704.14	FED	CAA 1990 Amendments Sec. 182. 40 CFR Part 51.350 Subpart S	YES	Yes, both	n
3745-26-10	(C) (1)	Shall	In rural areas, one hundred per cent of that population shall be no more than fifteen miles from an inspection station	3704.14	FED	CAA 1990 Amendments Sec. 182. 40 CFR Part 51.350 Subpart S	YES	Yes, both	n
3745-26-10	(C) (2)	Shall	A majority of the stations shall be in operation for no fewer than forty-five hours per week...	3704.14	FED	CAA 1990 Amendments Sec. 182. 40 CFR Part 51.350 Subpart S	YES	Yes, both	n
3745-26-10	(C) (2)	Shall	... forty-five hours per week, which shall include, without limitation, operating hours in the evening and on Saturdays.	3704.14	FED	CAA 1990 Amendments Sec. 182. 40 CFR Part 51.350 Subpart S	YES	Yes, both	n

3745-26-10	(C) (3)	Must	The amount of time a vehicle must wait within the confines of the queuing area shall not exceed a daily average of fifteen minutes.	3704.14	FED	CAA 1990 Amendments Sec. 182. 40 CFR Part 51.350 Subpart S	YES	Yes, both	n
3745-26-10	(C) (3)	Shall not	The amount of time a vehicle must wait within the confines of the queuing area shall not exceed a daily average of fifteen minutes.	3704.14	FED	CAA 1990 Amendments Sec. 182. 40 CFR Part 51.350 Subpart S	YES	Yes, both	n
3745-26-10	(D)	prohibited	The contractor or any of the contractor's employees are prohibited from having principal interest in a company that is in the business of vehicle repair or service, in vehicle parts sales, or in motor vehicle sales...	3704.14	FED	CAA 1990 Amendments Sec. 182. 40 CFR Part 51.350 Subpart S	YES	Yes, both	n
3745-26-10	(E)	Shall not	The contractor shall not refer vehicle owners to any particular vehicle repair service provider.	3704.14	FED	CAA 1990 Amendments Sec. 182. 40 CFR Part 51.350 Subpart S	YES	Yes, both	n
3745-26-10	(F)	Shall not	The contractor shall not refer vehicle owners to any particular vehicle repair service provider.	3704.14	FED	CAA 1990 Amendments Sec. 182. 40 CFR Part 51.350 Subpart S	YES	Yes, both	n
3745-26-10	(H)	Shall	Each contractor shall be responsible for the upkeep, distribution and replacement of all vehicle inspection reports...	3704.14	FED	CAA 1990 Amendments Sec. 182. 40 CFR Part 51.350 Subpart S	YES	Yes, both	n
3745-26-10	(I)	Shall	Each VIR shall contain the following statement: "This automobile inspection is the result of requirements...	3704.14	FED	CAA 1990 Amendments Sec. 182. 40 CFR Part 51.350 Subpart S	YES	Yes, both	n
3745-26-10	(J)	Shall	Each contractor or subcontractor shall be responsible for complying with equipment requirements...	3704.14	FED	CAA 1990 Amendments Sec. 182. 40 CFR Part 51.350 Subpart S	YES	Yes, both	n
3745-26-12	(A)(1)	Shall	Beginning January 1, 1996, the director shall implement and supervise an enhanced vehicle inspection	3704.14	FED	CAA 1990 Amendments Sec. 182. 40 CFR Part 51.350 Subpart S	YES	Yes, both	y
3745-26-12	(A)(11)	Shall	All vehicle inspection reports shall contain the following statement: "This automobile inspection...	3704.14	FED	CAA 1990 Amendments Sec. 182. 40 CFR Part 51.350 Subpart S	YES	Yes, both	n
3745-26-12	(A)(2)	Required	Vehicles owned or leased by the federal government will be required to have an inspection in odd numbered years...	3704.14	FED	CAA 1990 Amendments Sec. 182. 40 CFR Part 51.350 Subpart S	YES	Yes, both	n
3745-26-12	(A)(2)	Shall	...each motor vehicle that is owned or leased by the state, local government, or any political subdivision whose office is located within a county that is part of a designated program area, is subject to inspection in odd numbered years and shall report the inspection results...	3704.14	FED	CAA 1990 Amendments Sec. 182. 40 CFR Part 51.350 Subpart S	YES	Yes, both	n
3745-26-12	(A)(2)	Shall	Vehicles owned or leased by the federal government will be required to have an inspection in odd numbered years and shall report the inspection results	3704.14	FED	CAA 1990 Amendments Sec. 182. 40 CFR Part 51.350 Subpart S	YES	Yes, both	n
3745-26-12	(A)(2)(c)	Shall	Federal installations located in a designated program area shall provide documentation of proof of compliance with test requirements...	3704.14	FED	CAA 1990 Amendments Sec. 182. 40 CFR Part 51.350 Subpart S	YES	Yes, both	n
3745-26-12	(A)(2)(c)	Shall	Documentation shall include a list of subject vehicles and be updated biennially	3704.14	FED	CAA 1990 Amendments Sec. 182. 40 CFR Part 51.350 Subpart S	YES	Yes, both	n
3745-26-12	(A)(3)	Shall	With the exception of when vehicles are exempt from testing, vehicle owners shall comply with the following test frequency...	3704.14	FED	CAA 1990 Amendments Sec. 182. 40 CFR Part 51.350 Subpart S	YES	Yes, both	n
3745-26-12	(A)(3)(a)	Required	A vehicle owner or lessee whose vehicle is an odd number model year is required to present a valid inspection certificate upon vehicle registration in odd numbered calendar years.	3704.14	FED	CAA 1990 Amendments Sec. 182. 40 CFR Part 51.350 Subpart S	YES	Yes, both	n
3745-26-12	(A)(3)(b)	Required	A vehicle owner or lessee whose vehicle is an even number model year is required to present a valid inspection certificate upon vehicle registration in even numbered calendar years.	3704.14	FED	CAA 1990 Amendments Sec. 182. 40 CFR Part 51.350 Subpart S	YES	Yes, both	n
3745-26-12	(A)(5)	Shall	At the time of vehicle registration or registration renewal, the motor vehicle owner or lessee shall present to the registrar of motor vehicles an inspection compliance certificate...	3704.14	FED	CAA 1990 Amendments Sec. 182. 40 CFR Part 51.350 Subpart S	YES	Yes, both	n
3745-26-12	(A)(6)	Shall	...vehicles that have been transferred to a new owner or lessee or those issued a thirty-day temporary tag as defined in section 4503.182 of the Revised Code shall have an emissions inspection performed...	3704.14	FED	CAA 1990 Amendments Sec. 182. 40 CFR Part 51.350 Subpart S	YES	Yes, both	n
3745-26-12	(A)(8)	Shall	Vehicles subject to inspection that have been rebuilt or that have had engine exchanges shall meet inspection requirements for the model year of the motorvehicle chassis.	3704.14	FED	CAA 1990 Amendments Sec. 182. 40 CFR Part 51.350 Subpart S	YES	Yes, both	n
3745-26-12	(B)(2)	Required	An exemption certificate is not required for owners of new vehicles.	3704.14	FED	CAA 1990 Amendments Sec. 182. 40 CFR Part 51.350 Subpart S	YES	Yes, both	n
3745-26-12	(B)(2)	Required	...the director may grant exemptions for or extensions of the time during which any motor vehicle required to be tested pursuant to section 3704.14 of the Revised Code and the rules adopted thereunder is exempt from testing...	3704.14	FED	CAA 1990 Amendments Sec. 182. 40 CFR Part 51.350 Subpart S	YES	Yes, both	n
3745-26-12	(B)(3)	Shall	Any application for a non-permanent exemption or extension shall be submitted on a form prescribed by the director...	3704.14	FED	CAA 1990 Amendments Sec. 182. 40 CFR Part 51.350 Subpart S	YES	Yes, both	n
3745-26-12	(B)(4)	Shall	Any owner or lessee receiving a non-permanent exemption or extension shall comply with any terms and conditions specified...	3704.14	FED	CAA 1990 Amendments Sec. 182. 40 CFR Part 51.350 Subpart S	YES	Yes, both	n
3745-26-12	(B)(4)	Shall not	If the recipient of an extension certificate fails to comply with the terms and conditions, that owner or lessee shall not be eligible for future exemptions or extensions.	3704.14	FED	CAA 1990 Amendments Sec. 182. 40 CFR Part 51.350 Subpart S	YES	Yes, both	n
3745-26-12	(B)(5)	Shall	Extensions shall be issued at the discretion of the director, for the purpose of allowing for a delay in the testing requirement...	3704.14	FED	CAA 1990 Amendments Sec. 182. 40 CFR Part 51.350 Subpart S	YES	Yes, both	n
3745-26-12	(B)(5)(a)	Shall	...an extension request based upon repair shall include a copy of the repair order or parts order...	3704.14	FED	CAA 1990 Amendments Sec. 182. 40 CFR Part 51.350 Subpart S	YES	Yes, both	n
3745-26-12	(B)(5)(c)	Shall	A readiness extension may be granted for a motor vehicle that is having readiness issues related to testing. The documentation shall include a failed inspection report or...	3704.14	FED	CAA 1990 Amendments Sec. 182. 40 CFR Part 51.350 Subpart S	YES	Yes, both	n

3745-26-12	(B)(5)(d)(iv)	Shall	If a motor vehicle owner or lessee intends to perform the necessary services or repairs themself, the written estimate shall include only the cost of emission related parts	3704.14	FED	CAA 1990 Amendments Sec. 182. 40 CFR Part 51.350 Subpart S	YES	Yes, both	n
3745-26-12	(B)(5)(d)(iv)	Shall not	The written estimate shall not include any costs associated with any motor vehicle emission related recall that has been or is to be paid by a manufacturer or dealer.	3704.14	FED	CAA 1990 Amendments Sec. 182. 40 CFR Part 51.350 Subpart S	YES	Yes, both	n
3745-26-12	(B)(6)(a)	Shall	If a motor vehicle is registered in an Ohio designated program area, but is owned or operated by a member of the armed forces who is stationed outside Ohio, the application for non-permanent exemption shall include a copy of that person's current military orders	3704.14	FED	CAA 1990 Amendments Sec. 182. 40 CFR Part 51.350 Subpart S	YES	Yes, both	n
3745-26-12	(B)(6)(b)	Shall	If a motor vehicle registered in an Ohio designated program area is owned or operated by a person attending school outside the state of Ohio but which is not in another state's designated program area, the application for non-permanent exemption shall include a statement from the registrar of the school	3704.14	FED	CAA 1990 Amendments Sec. 182. 40 CFR Part 51.350 Subpart S	YES	Yes, both	n
3745-26-12	(B)(6)(c)	Shall	If a motor vehicle registered in an Ohio designated program area is owned or operated by a person in another state's designated program area, the application for non-permanent exemption shall include a valid compliance certificate	3704.14	FED	CAA 1990 Amendments Sec. 182. 40 CFR Part 51.350 Subpart S	YES	Yes, both	n
3745-26-12	(C)	Required	...the following motor vehicles are permanently exempt from the emissions inspection required in the designated program area:...	3704.14	FED	CAA 1990 Amendments Sec. 182. 40 CFR Part 51.350 Subpart S	YES	Yes, both	n
3745-26-12	(C)(10)	Shall	Electrically-powered vehicles shall receive a one-time verification inspection prior to receiving an exemption certificate.	3704.14	FED	CAA 1990 Amendments Sec. 182. 40 CFR Part 51.350 Subpart S	YES	Yes, both	n
3745-26-12	(C)(11)	Shall	...vehicles operating on other alternative fuels may be exempted at the director's discretion. Such vehicles shall have a one-time verification inspection...	3704.14	FED	CAA 1990 Amendments Sec. 182. 40 CFR Part 51.350 Subpart S	YES	Yes, both	n
3745-26-12	(C)(3)	Required	Owners of historical vehicles are not required to obtain exemption certificates.	3704.14	FED	CAA 1990 Amendments Sec. 182. 40 CFR Part 51.350 Subpart S	YES	Yes, both	n
3745-26-12	(C)(4)	Required	Owners of collector's vehicles are not required to obtain exemption certificates.	3704.14	FED	CAA 1990 Amendments Sec. 182. 40 CFR Part 51.350 Subpart S	YES	Yes, both	n
3745-26-12	(C)(5)	Required	Owners of parade and exhibition vehicles are not required to obtain exemption certificates.	3704.14	FED	CAA 1990 Amendments Sec. 182. 40 CFR Part 51.350 Subpart S	YES	Yes, both	n
3745-26-12	(C)(6)	Required	Owners of motorcycles are not required to obtain exemption certificates.	3704.14	FED	CAA 1990 Amendments Sec. 182. 40 CFR Part 51.350 Subpart S	YES	Yes, both	n
3745-26-12	(C)(7)	Required	The lessees of such vehicles are not required to obtain exemption certificates as long as the lessee's county taxing district remains outside a designated program area.	3704.14	FED	CAA 1990 Amendments Sec. 182. 40 CFR Part 51.350 Subpart S	YES	Yes, both	n
3745-26-12	(C)(8)	Required	Owners or lessees of salvaged vehicles are not required to obtain exemption certificates.	3704.14	FED	CAA 1990 Amendments Sec. 182. 40 CFR Part 51.350 Subpart S	YES	Yes, both	n
3745-26-12	(C)(9)	Required	Owners or lessees of recreational vehicles and motor homes are not required to obtain exemption certificates.	3704.14	FED	CAA 1990 Amendments Sec. 182. 40 CFR Part 51.350 Subpart S	YES	Yes, both	n
3745-26-12	(D)(1)	Required	If required , the vehicle owner or lessee shall present the vehicle registration, an application for registration renewal,;...	3704.14	FED	CAA 1990 Amendments Sec. 182. 40 CFR Part 51.350 Subpart S	YES	Yes, both	n
3745-26-12	(D)(1)	Shall	All inspections shall be performed at a designated and approved inspection station.	3704.14	FED	CAA 1990 Amendments Sec. 182. 40 CFR Part 51.350 Subpart S	YES	Yes, both	n
3745-26-12	(D)(1)	Shall	If required, the vehicle owner or lessee shall present the vehicle registration, an application for registration renewal...	3704.14	FED	CAA 1990 Amendments Sec. 182. 40 CFR Part 51.350 Subpart S	YES	Yes, both	n
3745-26-12	(D)(11)	Shall	Emissions inspections shall incorporate the on-board diagnostic computer link feature...	3704.14	FED	CAA 1990 Amendments Sec. 182. 40 CFR Part 51.350 Subpart S	YES	Yes, both	n
3745-26-12	(D)(2)	Shall	Vehicles shall receive a visual check. Vehicles found to be in an unsafe condition will not receive...	3704.14	FED	CAA 1990 Amendments Sec. 182. 40 CFR Part 51.350 Subpart S	YES	Yes, both	n
3745-26-12	(D)(3)	Shall not	Recall repair costs, whether borne by the manufacturer or dealer shall not be counted toward a waiver.	3704.14	FED	CAA 1990 Amendments Sec. 182. 40 CFR Part 51.350 Subpart S	YES	Yes, both	n
3745-26-12	(D)(4)	Required	Vehicles that are missing a gas cap, when required , will fail the gas cap test and vehicle inspection	3704.14	FED	CAA 1990 Amendments Sec. 182. 40 CFR Part 51.350 Subpart S	YES	Yes, both	n
3745-26-12	(D)(4)	Shall	Any vehicle subject to this rule shall have a tampering inspection to ensure that the vehicle contains...	3704.14	FED	CAA 1990 Amendments Sec. 182. 40 CFR Part 51.350 Subpart S	YES	Yes, both	n
3745-26-12	(D)(4)	Shall	The owner or lessee shall have the vehicle repaired to pass the initial tampering test.	3704.14	FED	CAA 1990 Amendments Sec. 182. 40 CFR Part 51.350 Subpart S	YES	Yes, both	n
3745-26-12	(D)(5)	Required	...vehicles model year 1997 and newer that are required to be tested shall pass an on board diagnostic test...	3704.14	FED	CAA 1990 Amendments Sec. 182. 40 CFR Part 51.350 Subpart S	YES	Yes, both	n
3745-26-12	(D)(5)	Required	...to be tested shall pass an on board diagnostic test, unless an alternative test is determined to be required .	3704.14	FED	CAA 1990 Amendments Sec. 182. 40 CFR Part 51.350 Subpart S	YES	Yes, both	n
3745-26-12	(D)(5)	Shall	Maximum allowable emission standards shall be determined by the director.	3704.14	FED	CAA 1990 Amendments Sec. 182. 40 CFR Part 51.350 Subpart S	YES	Yes, both	y
3745-26-12	(D)(5)	Shall	Gasoline vehicles model year 1996 and newer and diesel fueledvehicles model year 1997 and newer that are required to be tested shall pass an on board diagnostic test...	3704.14	FED	CAA 1990 Amendments Sec. 182. 40 CFR Part 51.350 Subpart S	YES	Yes, both	n
3745-26-12	(D)(6)	Required	If the vehicle passes the required emissions inspection, the contractor...	3704.14	FED	CAA 1990 Amendments Sec. 182. 40 CFR Part 51.350 Subpart S	YES	Yes, both	n
3745-26-12	(D)(6)	Required	If a vehicle fails the required emissions inspection, the contractor...	3704.14	FED	CAA 1990 Amendments Sec. 182. 40 CFR Part 51.350 Subpart S	YES	Yes, both	n
3745-26-12	(D)(6)	Shall	If the vehicle passes the required emissions inspection, the contractor shall provide the owner or lessee with a vehicle inspection report that includes...	3704.14	FED	CAA 1990 Amendments Sec. 182. 40 CFR Part 51.350 Subpart S	YES	Yes, both	n
3745-26-12	(D)(6)	Shall	If a vehicle fails the required emissions inspection, the contractor shall provide the owner or lessee with a vehicle inspection report and certificate indicating...	3704.14	FED	CAA 1990 Amendments Sec. 182. 40 CFR Part 51.350 Subpart S	YES	Yes, both	n
3745-26-12	(D)(6)	Shall	This report shall list possible components that may need to be replaced or...	3704.14	FED	CAA 1990 Amendments Sec. 182. 40 CFR Part 51.350 Subpart S	YES	Yes, both	n
3745-26-12	(D)(7)(a)(b)(c)	Shall	Upon receipt of the vehicle inspection report indicating failure, the owner or lessee shall do the following: (a) Have emissions related repairs... (b) Have the necessary repairs performed... (c) Have the vehicle reinspected after...	3704.14	FED	CAA 1990 Amendments Sec. 182. 40 CFR Part 51.350 Subpart S	YES	Yes, both	n

3745-26-12	(D)(7)(b)	Required	catalytic converters meeting the emission reduction requirements and criteria set by the United States environmental protection agency are acceptable for catalytic converter replacement required under this chapter.	3704.14	FED	CAA 1990 Amendments Sec. 182. 40 CFR Part 51.350 Subpart S	YES	Yes, both	n
3745-26-12	(D)(7)(c)	Required	Have the vehicle reinspected after the required repairs have been performed.	3704.14	FED	CAA 1990 Amendments Sec. 182. 40 CFR Part 51.350 Subpart S	YES	Yes, both	n
3745-26-12	(D)(8)	Shall	...vehicle owner or lessee may perform repairs necessary to prepare the vehicle for reinspection, however, only actual costs of emissions related parts, not labor costs, incurred by an owner or lessee in performing self repairs upon vehicles shall be applied towards a waiver.	3704.14	FED	CAA 1990 Amendments Sec. 182. 40 CFR Part 51.350 Subpart S	YES	Yes, both	n
3745-26-12	(D)(9)	Shall	...vehicle failing the enhanced test is covered by a valid and unexpired emission performance warranty as provided under section 207 (B) of the Clean Air Act the vehicle owner or lessee shall have any repairs necessary for the vehicle to pass inspection performed on the vehicle under that warranty.	3704.14	FED	CAA 1990 Amendments Sec. 182. 40 CFR Part 51.350 Subpart S	YES	Yes, both	n
3745-26-12	(D)(9)	Shall not	Costs incurred under warranty repairs shall not be applied towards a waiver.	3704.14	FED	CAA 1990 Amendments Sec. 182. 40 CFR Part 51.350 Subpart S	YES	Yes, both	n
3745-26-12	(E)(1)(a)(b)	Shall	To qualify for a waiver certificate, a motor vehicle owner or lessee shall provide all of the following: (a) The most recent VIR... (b) Emission-related repair receipt...	3704.14	FED	CAA 1990 Amendments Sec. 182. 40 CFR Part 51.350 Subpart S	YES	Yes, both	n
3745-26-12	(E)(1)(b)	Required	...bring the vehicle into compliance with the required emission inspection.	3704.14	FED	CAA 1990 Amendments Sec. 182. 40 CFR Part 51.350 Subpart S	YES	Yes, both	n
3745-26-12	(E)(1)(b)	Shall	...to bring the vehicle into compliance with the required emission inspection. This amount shall not include the cost of repairing or replacing tampered emissions control equipment, and shall include only the cost of parts if the repairs are performed by the vehicle owner or lessee themselves...	3704.14	FED	CAA 1990 Amendments Sec. 182. 40 CFR Part 51.350 Subpart S	YES	Yes, both	n
3745-26-12	(E)(1)(b)	Shall	...vehicle registered in a county subject to the enhanced inspection program, the motor vehicle owner or lessee shall satisfy paragraphs (E)(2) and (E)(3) of this rule.	3704.14	FED	CAA 1990 Amendments Sec. 182. 40 CFR Part 51.350 Subpart S	YES	Yes, both	n
3745-26-12	(E)(1)(b)	Shall not	This amount shall not include the cost of repairing or replacing tampered emissions control equipment...	3704.14	FED	CAA 1990 Amendments Sec. 182. 40 CFR Part 51.350 Subpart S	YES	Yes, both	n
3745-26-12	(E)(2)	Shall	The vehicle owner or lessee shall demonstrate that an amount equal to or greater than the "waiver limit" as defined in rule 3745-26-01 of the Administrative Code has been spent...	3704.14	FED	CAA 1990 Amendments Sec. 182. 40 CFR Part 51.350 Subpart S	YES	Yes, both	n
3745-26-12	(E)(2)	Shall	This amount shall not include the cost of repairing or replacing tampered emissions control equipment and shall include only the cost of parts if the repairs are performed by the vehicle owner or lessee themselves.	3704.14	FED	CAA 1990 Amendments Sec. 182. 40 CFR Part 51.350 Subpart S	YES	Yes, both	n
3745-26-12	(E)(2)	Shall	If the vehicle owner or lessee demonstrates that the "waiver limit" has been spent, the vehicle shall be inspected and the documentation reviewed to establish the following: ...	3704.14	FED	CAA 1990 Amendments Sec. 182. 40 CFR Part 51.350 Subpart S	YES	Yes, both	n
3745-26-12	(E)(2)	Shall not	This amount shall not include the cost of repairing or replacing tampered emissions control equipment...	3704.14	FED	CAA 1990 Amendments Sec. 182. 40 CFR Part 51.350 Subpart S	YES	Yes, both	n
3745-26-12	(E)(2)(b)	Shall not	...the reinspection results for each pollutant that passed during the initial inspection shall not exceed the standard for that pollutant after emission-related repairs and adjustments.	3704.14	FED	CAA 1990 Amendments Sec. 182. 40 CFR Part 51.350 Subpart S	YES	Yes, both	n
3745-26-12	(E)(3)	Required	A waiver certificate shall be valid for three hundred sixty-five days from its date of issuance or until the next required vehicle emission test.	3704.14	FED	CAA 1990 Amendments Sec. 182. 40 CFR Part 51.350 Subpart S	YES	Yes, both	n
3745-26-12	(E)(3)	Shall	A waiver certificate shall be valid for three hundred sixty-five days from its date of issuance or until...	3704.14	FED	CAA 1990 Amendments Sec. 182. 40 CFR Part 51.350 Subpart S	YES	Yes, both	n
3745-26-12	(F)(1)	Shall	The contractor shall refund the inspection costs for one pass per vehicle incurred by a motor vehicle dealer.	3704.14	FED	CAA 1990 Amendments Sec. 182. 40 CFR Part 51.350 Subpart S	YES	Yes, both	n
3745-26-12	(F)(1)	Shall	These refunds shall apply to vehicles that become registered in a county that is subject to the motor vehicle inspection and maintenance program.	3704.14	FED	CAA 1990 Amendments Sec. 182. 40 CFR Part 51.350 Subpart S	YES	Yes, both	n
3745-26-12	(F)(2)	Shall	The contractor shall provide for one free passing emissions inspection or a total of three emissions inspections for a motor vehicle in any three-hundred-sixty-five day period.	3704.14	FED	CAA 1990 Amendments Sec. 182. 40 CFR Part 51.350 Subpart S	YES	Yes, both	n
3745-26-12	(F)(2)	Shall	Inspection fees that are charged by a contractor conducting emission inspections under a motor vehicle inspection and maintenance program shall be approved by the director.	3704.14	FED	CAA 1990 Amendments Sec. 182. 40 CFR Part 51.350 Subpart S	YES	Yes, both	y
3745-26-12	(G)(1)	Shall	Upon notice of request for an appeal, the director shall contact the owner or lessee and will reinspect the vehicle at a place and time of the director's convenience.	3704.14	FED	CAA 1990 Amendments Sec. 182. 40 CFR Part 51.350 Subpart S	YES	Yes, both	y
3745-26-12	(G)(2)	Shall	The director's determination of the vehicle's compliance or noncompliance with inspection standards shall be final upon reinspection by the director.	3704.14	FED	CAA 1990 Amendments Sec. 182. 40 CFR Part 51.350 Subpart S	YES	Yes, both	y
3745-26-13	(A)	Shall	Each person applying for inspector certification shall be at least eighteen years old.	3704.14	FED	CAA 1990 Amendments Sec. 182. 40 CFR Part 51.350 Subpart S	YES	Yes, both	n
3745-26-13	(A)	Shall	Applicants shall submit a complete application and agree in writing to inspect vehicles in accordance with the rules of this chapter and the Administrative Code.	3704.14	FED	CAA 1990 Amendments Sec. 182. 40 CFR Part 51.350 Subpart S	YES	Yes, both	n
3745-26-13	(B)(1)	Shall	The contractor in each designated nonattainment area shall be responsible for training each inspector applicant employed by the contractor...	3704.14	FED	CAA 1990 Amendments Sec. 182. 40 CFR Part 51.350 Subpart S	YES	Yes, both	n
3745-26-13	(B)(2)	Required	Applicants shall successfully complete the required training and score at least eighty per cent on the written examination and hands-on demonstration administered by Ohio EPA.	3704.14	FED	CAA 1990 Amendments Sec. 182. 40 CFR Part 51.350 Subpart S	YES	Yes, both	n
3745-26-13	(B)(2)	Shall	Applicants shall successfully complete the required training and score at least eighty per cent on the written examination and hands-on demonstration ...	3704.14	FED	CAA 1990 Amendments Sec. 182. 40 CFR Part 51.350 Subpart S	YES	Yes, both	n
3745-26-13	(B)(3)	Shall	The director shall issue a certificate to each person who satisfies all the requirements of this rule.	3704.14	FED	CAA 1990 Amendments Sec. 182. 40 CFR Part 51.350 Subpart S	YES	Yes, both	y
3745-26-13	(B)(4)	Shall	Each inspector shall be certified for a two-year period.	3704.14	FED	CAA 1990 Amendments Sec. 182. 40 CFR Part 51.350 Subpart S	YES	Yes, both	n

3745-26-13	(C)(1)	Shall not	Certified inspectors shall not conduct inspections while under the influence of alcohol or...	3704.14	FED	CAA 1990 Amendments Sec. 182. 40 CFR Part 51.350 Subpart S	YES	Yes, both	n
3745-26-13	(C)(2)	Shall not	Certified inspectors shall not participate in the solicitation of a bribe in order to pass a vehicle or any other fraudulent activity	3704.14	FED	CAA 1990 Amendments Sec. 182. 40 CFR Part 51.350 Subpart S	YES	Yes, both	n
3745-26-13	(C)(3)	Require	The director may require a certified inspector to attend additional training at any time or require re-administration of the written exam or hands-on demonstration to determine if	3704.14	FED	CAA 1990 Amendments Sec. 182. 40 CFR Part 51.350 Subpart S	YES	Yes, both	n
3745-26-13	(C)(3)	Require	The director may require a certified inspector to attend additional training at any time or require re-administration of the written exam or hands-on demonstration to determine if	3704.14	FED	CAA 1990 Amendments Sec. 182. 40 CFR Part 51.350 Subpart S	YES	Yes, both	n
3745-26-14	(A)	Require	..the director shall administer a program of quality assurance and shall require each contractor to implement a quality control program.	3704.14	FED	CAA 1990 Amendments Sec. 182. 40 CFR Part 51.350 Subpart S	YES	Yes, both	n
3745-26-14	(A)	Required	As required by 40 CFR 51.359 and 40 CFR 51.363, the director shall administer a program of quality assurance...	3704.14	FED	CAA 1990 Amendments Sec. 182. 40 CFR Part 51.350 Subpart S	YES	Yes, both	n
3745-26-14	(A)	Shall	As required by 40 CFR 51.359 and 40 CFR 51.363, the director shall administer a program of quality assurance and shall require each contractor to implement a quality control program.	3704.14	FED	CAA 1990 Amendments Sec. 182. 40 CFR Part 51.350 Subpart S	YES	Yes, both	y
3745-26-14	(A)	Shall	As required by 40 CFR 51.359 and 40 CFR 51.363, the director shall administer a program of quality assurance and shall require each contractor to implement a quality control program.	3704.14	FED	CAA 1990 Amendments Sec. 182. 40 CFR Part 51.350 Subpart S	YES	Yes, both	y
3745-26-14	(C)	Shall	Any inspector whose certification is revoked under Chapter 119. or section 3704.17 of Revised Code shall not be eligible to reapply for certification for a three-year period .	3704.14	FED	CAA 1990 Amendments Sec. 182. 40 CFR Part 51.350 Subpart S	YES	Yes, both	n
3745-26-15	(B)	Shall	For applicants who meet or continue to meet the criteria for certifying as a waiver repair facility, the director shall issue an initial or a renewal certification to the facility for a period not to exceed three years.	3704.14	FED	CAA 1990 Amendments Sec. 182. 40 CFR Part 51.350 Subpart S	YES	Yes, both	y
3745-26-15	(B)	Shall	Any renewal application not received within ten days after the last day of the renewal date shall be considered evidence that the facility does not intend to renew their application for a certificate.	3704.14	FED	CAA 1990 Amendments Sec. 182. 40 CFR Part 51.350 Subpart S	YES	Yes, both	n
3745-26-15	(B)	Shall	... Facility will cease conducting waiver repairs as a certified facility. The director shall reclaim all state-owned or state-provided property.	3704.14	FED	CAA 1990 Amendments Sec. 182. 40 CFR Part 51.350 Subpart S	YES	Yes, both	y
3745-26-15	(C)	Shall	The certificate shall be valid only for the following: (1) The owner in whose name... (2) The transaction of business... (3) The location designated on the certificate...	3704.14	FED	CAA 1990 Amendments Sec. 182. 40 CFR Part 51.350 Subpart S	YES	Yes, both	n
3745-26-15	(C)(3)	Required	The applicant shall provide proof that the required emissions equipment as detailed in paragraph (G) of this rule, has been or will be purchased...	3704.14	FED	CAA 1990 Amendments Sec. 182. 40 CFR Part 51.350 Subpart S	YES	Yes, both	n
3745-26-15	(C)(3)	Shall	The applicant shall provide proof that the required emissions equipment as detailed in paragraph (G) of this rule, has been or will be purchased or leased and ready for operation within one week of purchase or lease.	3704.14	FED	CAA 1990 Amendments Sec. 182. 40 CFR Part 51.350 Subpart S	YES	Yes, both	n
3745-26-15	(E)	Shall	Each waiver repair facility shall have a minimum of one certified waiver repair technician...	3704.14	FED	CAA 1990 Amendments Sec. 182. 40 CFR Part 51.350 Subpart S	YES	Yes, both	n
3745-26-15	(E)	Shall	The applicant shall notify the director within seven calendar days, in writing, when the last employee, who is a certified waiver repair technician, resigns, is dismissed, or otherwise leaves employment ...	3704.14	FED	CAA 1990 Amendments Sec. 182. 40 CFR Part 51.350 Subpart S	YES	Yes, both	n
3745-26-15	(G)(1-8)	Shall	Certified waiver repair facilities shall lose their certification if any of the following items are missing or are not in full operating condition: ...	3704.14	FED	CAA 1990 Amendments Sec. 182. 40 CFR Part 51.350 Subpart S	YES	Yes, both	n
3745-26-15	(H)(1 - 3)	Required	The following items are required beginning January 1, 1998 when U.S. EPA's phase-in specifications are upgraded: (1) Lab scope. (2) Purge flow tester. (3) Scan tool with OBD II capabilities.	3704.14	FED	CAA 1990 Amendments Sec. 182. 40 CFR Part 51.350 Subpart S	YES	Yes, both	n
3745-26-15	(I)	Required	If the director deems it necessary and upon reasonable written notice, additions or deletions of waiver repair facility equipment may be required .	3704.14	FED	CAA 1990 Amendments Sec. 182. 40 CFR Part 51.350 Subpart S	YES	Yes, both	y
3745-26-15	(J)	Shall	The owner or operator of each certified waiver repair facility shall display the official sign issued by the director. The official certified waiver repair facility sign shall be displayed in full view of the public and shall not be altered in any way.	3704.14	FED	CAA 1990 Amendments Sec. 182. 40 CFR Part 51.350 Subpart S	YES	Yes, both	n
3745-26-15	(J)	Shall	The owner or operator of each certified waiver repair facility shall display the official sign issued by the director. The official certified waiver repair facility sign shall be displayed in full view of the public and shall not be altered in any way.	3704.14	FED	CAA 1990 Amendments Sec. 182. 40 CFR Part 51.350 Subpart S	YES	Yes, both	n
3745-26-15	(J)	Shall	The sign shall remain the property of the Ohio EPA and, upon discontinuance as a certified waiver repair facility, shall be surrendered by the applicant to an authorized representative of the Ohio EPA ...	3704.14	FED	CAA 1990 Amendments Sec. 182. 40 CFR Part 51.350 Subpart S	YES	Yes, both	n
3745-26-15	(J)	Shall	The sign shall remain the property of the Ohio EPA and, upon discontinuance as a certified waiver repair facility, shall be surrendered by the applicant to an authorized representative of the Ohio EPA ...	3704.14	FED	CAA 1990 Amendments Sec. 182. 40 CFR Part 51.350 Subpart S	YES	Yes, both	n
3745-26-15	(J)	Shall not	The owner or operator of each certified waiver repair facility shall display the official sign issued by the director. The official certified waiver repair facility sign shall be displayed in full view of the public and shall not be altered in any way.	3704.14	FED	CAA 1990 Amendments Sec. 182. 40 CFR Part 51.350 Subpart S	YES	Yes, both	n
3745-26-15	(K)	Shall	Each certified waiver repair facility shall contact the director at least thirty days prior to a change of ownership...	3704.14	FED	CAA 1990 Amendments Sec. 182. 40 CFR Part 51.350 Subpart S	YES	Yes, both	n

3745-26-15	(K)	Shall	Upon notice of a change of a facility owner or location, the director shall issue a certificate under the subsequent facility name...	3704.14	FED	CAA 1990 Amendments Sec. 182. 40 CFR Part 51.350 Subpart S	YES	Yes, both	y
3745-26-15	(L)	Shall	In the event of any changes, the subsequent owner or the current owner of a subsequent facility location shall submit a new certification application to the director.	3704.14	FED	CAA 1990 Amendments Sec. 182. 40 CFR Part 51.350 Subpart S	YES	Yes, both	n
3745-26-16	(A)	Required	The director shall certify any applicant as a waiver repair technician to conduct waiver repairs as required in paragraph (E) of rule 3745-26-12 of ...	3704.14	FED	CAA 1990 Amendments Sec. 182. 40 CFR Part 51.350 Subpart S	YES	Yes, both	n
3745-26-16	(A)	Shall	The director shall certify any applicant as a waiver repair technician to conduct waiver repairs as required in paragraph (E) of rule 3745-26-12 of the Administrative Code provided the applicant ...	3704.14	FED	CAA 1990 Amendments Sec. 182. 40 CFR Part 51.350 Subpart S	YES	Yes, both	y
3745-26-16	(A)(2)	Required	The applicant is required to satisfactorily pass the approved training course written examination.	3704.14	FED	CAA 1990 Amendments Sec. 182. 40 CFR Part 51.350 Subpart S	YES	Yes, both	n
3745-26-16	(A)(4)	Require	The director reserves the right to require or waive performance standards as the director deems necessary.	3704.14	FED	CAA 1990 Amendments Sec. 182. 40 CFR Part 51.350 Subpart S	YES	Yes, both	n
3745-26-16	(A)(4)	Required	Beginning January 1, 1998, ASE certification in Automobile Advanced Engine Performance (L1) will be required of each applicant.	3704.14	FED	CAA 1990 Amendments Sec. 182. 40 CFR Part 51.350 Subpart S	YES	Yes, both	n
3745-26-16	(B)	Shall	Certification as a waiver repair technician shall be valid for two years.	3704.14	FED	CAA 1990 Amendments Sec. 182. 40 CFR Part 51.350 Subpart S	YES	Yes, both	n
3745-26-16	(C)	Required	The candidate may perform waiver related repairs as required in rule 3745-26-12 of Administrative Code prior to the reception of a certificate only if all other requirements for certification ...	3704.14	FED	CAA 1990 Amendments Sec. 182. 40 CFR Part 51.350 Subpart S	YES	Yes, both	n
3745-26-16	(C)	Shall	The director shall provide each applicant a waiver repair technician's certificate upon successful completion of certification requirements.	3704.14	FED	CAA 1990 Amendments Sec. 182. 40 CFR Part 51.350 Subpart S	YES	Yes, both	y
3745-26-16	(D)	Shall	Certified technicians shall notify the director prior to a change in place of employment.	3704.14	FED	CAA 1990 Amendments Sec. 182. 40 CFR Part 51.350 Subpart S	YES	Yes, both	n
3745-26-16	(E)	Require	The director may require a certified waiver repair technician to attend a program update training course at any time in order to maintain certification.	3704.14	FED	CAA 1990 Amendments Sec. 182. 40 CFR Part 51.350 Subpart S	YES	Yes, both	n
3745-26-16	(E)	Shall	The director shall notify the technician in writing of any additional training requirements.	3704.14	FED	CAA 1990 Amendments Sec. 182. 40 CFR Part 51.350 Subpart S	YES	Yes, both	y
3745-26-16	(F)	Required	Additional training may also be required .	3704.14	FED	CAA 1990 Amendments Sec. 182. 40 CFR Part 51.350 Subpart S	YES	Yes, both	n
3745-26-16	(F)	Shall	Recertification as a waiver repair technician shall consist of submitting an application to the director before the current certification expires	3704.14	FED	CAA 1990 Amendments Sec. 182. 40 CFR Part 51.350 Subpart S	YES	Yes, both	n
3745-26-16	(G)(3)	Shall	Upon approval by the director, Ohio EPA approved trainers shall also be certified as a certified waiver repair technician.	3704.14	FED	CAA 1990 Amendments Sec. 182. 40 CFR Part 51.350 Subpart S	YES	Yes, both	n

OAC Rule #	Paragraph	Restriction	Description/Quotation	Statutory Authority	State or Fed Law?	If Fed, crosswalk?	Federally delegated program?	Removal would require state or federal law change?	Requirement on the agency or director?
3745-31-01	(A)	shall	the definitions in rules 3745-15-01 and 3745-21-01 of the Administrative Code shall apply to this chapter	3704.03(F), 3704.03(G)	Fed	CAA Sections 110(a), 165, 169, 171 and 173; 40 CFR 51.165; 40 CFR 51.166	SIP	Yes	No
3745-31-01	(C)	shall not	this definition shall not apply	3704.03(F), 3704.03(G)	Fed	CAA Sections 110(a), 165, 169, 171 and 173; 40 CFR 51.165; 40 CFR 51.166	SIP	Yes	No
3745-31-01	(C)(1)	shall	Actual emissions as of a particular date shall equal the average rate	3704.03(F), 3704.03(G)	Fed	CAA Sections 110(a), 165, 169, 171 and 173; 40 CFR 51.165; 40 CFR 51.166	SIP	Yes	No
3745-31-01	(C)(1)	shall	The director shall allow the use of a different time period	3704.03(F), 3704.03(G)	Fed	CAA Sections 110(a), 165, 169, 171 and 173; 40 CFR 51.165; 40 CFR 51.166	SIP	Yes	Yes
3745-31-01	(C)(1)	shall	Actual emissions shall be calculated using the emissions unit's actual operating hours	3704.03(F), 3704.03(G)	Fed	CAA Sections 110(a), 165, 169, 171 and 173; 40 CFR 51.165; 40 CFR 51.166	SIP	Yes	No
3745-31-01	(C)(3)	shall	actual emissions shall equal the potential to emit	3704.03(F), 3704.03(G)	Fed	CAA Sections 110(a), 165, 169, 171 and 173; 40 CFR 51.165; 40 CFR 51.166	SIP	Yes	No
3745-31-01	(G)	shall	Affected sources shall have the meaning given to it	3704.03(F), 3704.03(G)	Fed	CAA Sections 110(a) and 402(1); 40 CFR 51.165; 40 CFR 51.166	SIP	Yes	No
3745-31-01	(O)(1)	shall	The director shall allow the use of a different time period	3704.03(F), 3704.03(G)	Fed	CAA Sections 110(a), 165, 169, 171 and 173; 40 CFR 51.165; 40 CFR 51.166	SIP	Yes	Yes
3745-31-01	(O)(1)(a)	shall	The average rate shall include fugitive emissions	3704.03(F), 3704.03(G)	Fed	CAA Sections 110(a), 165, 169, 171 and 173; 40 CFR 51.165; 40 CFR 51.166	SIP	Yes	No
3745-31-01	(O)(1)(b)	shall	The average rate shall be adjusted downward	3704.03(F), 3704.03(G)	Fed	CAA Sections 110(a), 165, 169, 171 and 173; 40 CFR 51.165; 40 CFR 51.166	SIP	Yes	No
3745-31-01	(O)(1)(c)	must	only one consecutive twenty-four-month period must be used to determine the baseline actual emissions for the emissions units being changed	3704.03(F), 3704.03(G)	Fed	CAA Sections 110(a), 165, 169, 171 and 173; 40 CFR 51.165; 40 CFR 51.166	SIP	Yes	No
3745-31-01	(O)(1)(d)	shall not	The average rate shall not be based on any consecutive twenty-four-month period	3704.03(F), 3704.03(G)	Fed	CAA Sections 110(a), 165, 169, 171 and 173; 40 CFR 51.165; 40 CFR 51.166	SIP	Yes	No
3745-31-01	(O)(1)(d)	required	...adjusting this amount if required by paragraph (O)(1)(b)...	3704.03(F), 3704.03(G)	Fed	CAA Sections 110(a), 165, 169, 171 and 173; 40 CFR 51.165; 40 CFR 51.166	SIP	Yes	No
3745-31-01	(O)(2)	shall not	the ten-year period shall not include any period earlier than November 15, 1990	3704.03(F), 3704.03(G)	Fed	CAA Sections 110(a), 165, 169, 171 and 173; 40 CFR 51.165; 40 CFR 51.166	SIP	Yes	No
3745-31-01	(O)(2)	required	... the date a complete permit application is received by the director for a permit required either under this rule	3704.03(F), 3704.03(G)	Fed	CAA Sections 110(a), 165, 169, 171 and 173; 40 CFR 51.165; 40 CFR 51.166	SIP	Yes	No
3745-31-01	(O)(2)(a)	shall	The average rate shall include fugitive emissions to the extent quantifiable	3704.03(F), 3704.03(G)	Fed	CAA Sections 110(a), 165, 169, 171 and 173; 40 CFR 51.165; 40 CFR 51.166	SIP	Yes	No
3745-31-01	(O)(2)(b)	shall	The average rate shall be adjusted downward	3704.03(F), 3704.03(G)	Fed	CAA Sections 110(a), 165, 169, 171 and 173; 40 CFR 51.165; 40 CFR 51.166	SIP	Yes	No
3745-31-01	(O)(2)(c)	shall	The average rate shall be adjusted downward to exclude any emissions that would have exceeded an emission limitation	3704.03(F), 3704.03(G)	Fed	CAA Sections 110(a), 165, 169, 171 and 173; 40 CFR 51.165; 40 CFR 51.166	SIP	Yes	No
3745-31-01	(O)(2)(c)	required	... had such major stationary source been required to comply with such limitations during...	3704.03(F), 3704.03(G)	Fed	CAA Sections 110(a), 165, 169, 171 and 173; 40 CFR 51.165; 40 CFR 51.166	SIP	Yes	No
3745-31-01	(O)(2)(c)	must	The average rate shall be adjusted downward to exclude any emissions that would have exceeded an emission limitation with which the major stationary source must currently comply, had such major stationary source been required to comply with such limitations during the consecutive twenty-four-month period.	3704.03(F), 3704.03(G)	Fed	CAA Sections 110(a), 165, 169, 171 and 173; 40 CFR 51.165; 40 CFR 51.166	SIP	Yes	No
3745-31-01	(O)(2)(d)	must	only one consecutive twenty-four-month period must be used to determine the baseline actual emissions for the emissions units being changed	3704.03(F), 3704.03(G)	Fed	CAA Sections 110(a), 165, 169, 171 and 173; 40 CFR 51.165; 40 CFR 51.166	SIP	Yes	No
3745-31-01	(O)(2)(e)	shall not	The average rate shall not be based on any consecutive twenty-four-month period	3704.03(F), 3704.03(G)	Fed	CAA Sections 110(a), 165, 169, 171 and 173; 40 CFR 51.165; 40 CFR 51.166	SIP	Yes	No
3745-31-01	(O)(2)(e)	required	... adjusting this amount if required by paragraphs...	3704.03(F), 3704.03(G)	Fed	CAA Sections 110(a), 165, 169, 171 and 173; 40 CFR 51.165; 40 CFR 51.166	SIP	Yes	No
3745-31-01	(O)(3)	shall	the emissions increase that will result from the initial construction and operation of such unit shall equal zero	3704.03(F), 3704.03(G)	Fed	CAA Sections 110(a), 165, 169, 171 and 173; 40 CFR 51.165; 40 CFR 51.166	SIP	Yes	No
3745-31-01	(O)(3)	shall	shall equal the unit's potential to emit	3704.03(F), 3704.03(G)	Fed	CAA Sections 110(a), 165, 169, 171 and 173; 40 CFR 51.165; 40 CFR 51.166	SIP	Yes	No
3745-31-01	(O)(4)	shall	the baseline actual emissions shall be calculated	3704.03(F), 3704.03(G)	Fed	CAA Sections 110(a), 165, 169, 171 and 173; 40 CFR 51.165; 40 CFR 51.166	SIP	Yes	No
3745-31-01	(P)	shall	Any baseline area established originally for the TSP increments shall remain in effect	3704.03(F), 3704.03(G)	Fed	CAA Sections 107(d) and 110(a)	SIP	Yes	No
3745-31-01	(P)	shall	and shall apply for purposes of determining the amount of available PM10 increments,	3704.03(F), 3704.03(G)	Fed	CAA Sections 107(d) and 110(a)	SIP	Yes	No
3745-31-01	(P)	shall not	except that such baseline area shall not remain in effect	3704.03(F), 3704.03(G)	Fed	CAA Sections 107(d) and 110(a)	SIP	Yes	No

OAC Rule #	Paragraph	Restriction	Description/Quotation	Statutory Authority	State or Fed Law?	If Fed, crosswalk?	Federally delegated program?	Removal would require state or federal law change?	Requirement on the agency or director?
3745-31-01	(Q)	shall	A baseline concentration is determined for each pollutant for which a minor source baseline date is established and shall include the following	3704.03(F), 3704.03(G)	Fed	CAA Sectiona 110(a) and 169(4)	SIP	Yes	No
3745-31-01	(S)	shall	In no event shall application of BACT result in emissions	3704.03(F), 3704.03(G)	Fed	CAA Sectiona 110(a) and 169(3)	SIP	Yes	No
3745-31-01	(S)	shall	Such standard shall , to the degree possible, set forth the emission reduction achievable	3704.03(F), 3704.03(G)	Fed	CAA Sectiona 110(a) and 169(3)	SIP	Yes	No
3745-31-01	(S)	shall	Such standard shall, to the degree possible, set forth the emission reduction achievable by implementation of such design, equipment, work practice or operation and shall provide for compliance	3704.03(F), 3704.03(G)	Fed	CAA Sectiona 110(a) and 169(3)	SIP	Yes	No
3745-31-01	(W)	shall	The federal contribution for a qualifying clean coal technology demonstration project shall be at least	3704.03(F), 3704.03(G)	Fed	CAA Sections 110(a), 165, 169, 171 and 173; 40 CFR 51.165; 40 CFR 51.166	SIP	Yes	No
3745-31-01	(CC)(2)(e)	required	If any commenter has asserted that a prior LAER, BACT, BAT, or air toxic MACT determination is no longer adequate, the director has determined that the level of control required by that prior determination remains adequate.	3704.03(F), 3704.03(G)	Fed	CAA Sections 110(a), 165, 169, 171 and 173; 40 CFR 51.165; 40 CFR 51.166	SIP	Yes	Yes
3745-31-01	(EE)	required	... means all of the equipment that may be required to meet...	3704.03(F), 3704.03(G)	Fed	CAA Sections 110(a), 165, 169, 171 and 173; 40 CFR 51.165; 40 CFR 51.166	SIP	Yes	No
3745-31-01	(FF)	required	...means the total equipment required for the determination...	3704.03(F), 3704.03(G)	Fed	CAA Sections 110(a), 165, 169, 171 and 173; 40 CFR 51.165; 40 CFR 51.166	SIP	Yes	No
3745-31-01	(QQ)	shall	Air contaminant sources shall be considered	3704.03(F), 3704.03(G)	Fed	CAA Sections 110(a), 165, 169, 171 and 173; 40 CFR 51.165; 40 CFR 51.166	SIP	Yes	No
3745-31-01	(SS)	requires	...expressly requires adherence to any permit...	3704.03(F), 3704.03(G)	Fed	CAA Sections 110(a), 165, 169, 171 and 173; 40 CFR 51.165; 40 CFR 51.166	SIP	Yes	No
3745-31-01	(GGG)	required	"List of source categories" means the source category list required by Section 112(c) of the Clean Air Act.	3704.03(F), 3704.03(G)	Fed	CAA Section 112(c)	SIP	Yes	No
3745-31-01	(III)(2)	shall	In no event shall the application of this term permit	3704.03(F), 3704.03(G)	Fed	CAA Sections 110(a), 171 and 173; 40 CFR 51.165	SIP	Yes	No
3745-31-01	(JJJ)	required	...that achieve the level of HAP control required by paragraph (E) of rule 3745-31-28...	3704.03(F), 3704.03(G)	Fed	CAA Section 112(j)	SIP	Yes	No
3745-31-01	(LLL)(2)	shall	significant for VOCs or nitrogen oxides shall be considered significant for ozone	3704.03(F), 3704.03(G)	Fed	CAA Sections 110(a), 165, 169, 171 and 173; 40 CFR 51.165; 40 CFR 51.166	SIP	Yes	No
3745-31-01	(LLL)(4)	shall not	A physical change or change in the method of operation shall not include	3704.03(F), 3704.03(G)	Fed	CAA Sections 110(a), 165, 169, 171 and 173; 40 CFR 51.165; 40 CFR 51.166	SIP	Yes	No
3745-31-01	(LLL)(4)(e)(i)	prohibited	...unless such change would be prohibited under any federally enforceable permit...	3704.03(F), 3704.03(G)	Fed	CAA Sections 110(a), 165, 169, 171 and 173; 40 CFR 51.165; 40 CFR 51.166	SIP	Yes	No
3745-31-01	(LLL)(4)(e)(ii)	prohibited	...unless such change would be prohibited under any federally enforceable permit...	3704.03(F), 3704.03(G)	Fed	CAA Sections 110(a), 165, 169, 171 and 173; 40 CFR 51.165; 40 CFR 51.166	SIP	Yes	No
3745-31-01	(LLL)(4)(f)	prohibited	...unless such change would be prohibited under any federally enforceable permit...	3704.03(F), 3704.03(G)	Fed	CAA Sections 110(a), 165, 169, 171 and 173; 40 CFR 51.165; 40 CFR 51.166	SIP	Yes	No
3745-31-01	(LLL)(4)(i)	shall	This exemption shall apply on a pollutant-by-pollutant basis	3704.03(F), 3704.03(G)	Fed	CAA Sections 110(a), 165, 169, 171 and 173; 40 CFR 51.165; 40 CFR 51.166	SIP	Yes	No
3745-31-01	(LLL)(5)	shall not	This definition shall not apply with respect to a particular regulated NSR pollutant	3704.03(F), 3704.03(G)	Fed	CAA Sections 110(a), 165, 169, 171 and 173; 40 CFR 51.165; 40 CFR 51.166	SIP	Yes	No
3745-31-01	(LLL)(5)	shall	Instead, the definition under paragraph (JJJJ) of this rule shall apply	3704.03(F), 3704.03(G)	Fed	CAA Sections 110(a), 165, 169, 171 and 173; 40 CFR 51.165; 40 CFR 51.166	SIP	Yes	No
3745-31-01	(NNN)(1)	shall	lower emission thresholds shall apply	3704.03(F), 3704.03(G)	Fed	CAA Sections 110(a), 165, 169, 171 and 173; 40 CFR 51.165; 40 CFR 51.166	SIP	Yes	No
3745-31-01	(NNN)(3)	shall	A major stationary source that is major for VOCs or nitrogen oxides shall be considered major for ozone	3704.03(F), 3704.03(G)	Fed	CAA Sections 110(a), 165, 169, 171 and 173; 40 CFR 51.165; 40 CFR 51.166	SIP	Yes	No
3745-31-01	(NNN)(4)	shall not	The fugitive emissions of a stationary source to the extent quantifiable shall not be included	3704.03(F), 3704.03(G)	Fed	CAA Sections 110(a), 165, 169, 171 and 173; 40 CFR 51.165; 40 CFR 51.166	SIP	Yes	No
3745-31-01	(QQQ)(5)	shall	date established originally for the TSP increments shall remain in effect	3704.03(F), 3704.03(G)	Fed	CAA Sections 110(a), 171 and 173; 40 CFR 51.165	SIP	Yes	No
3745-31-01	(QQQ)(5)	shall	and shall apply for purposes of determining the amount of available PM10 increments,	3704.03(F), 3704.03(G)	Fed	CAA Sections 110(a), 171 and 173; 40 CFR 51.165	SIP	Yes	No
3745-31-01	(RRR)	must	Model general permit means a document that the director has developed that includes a definition of a category of air contaminant source, a description of the qualifications that must be met for that category of source	3704.03(F), 3704.03(G)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-31-01	(SSS)(1)(a)(v)	shall not	Modify' or 'modification' shall not include routine maintenance	3704.03(F), 3704.03(G)	Fed	CAA Sections 110(a), 165, 169, 171 and 173; 40 CFR 51.165; 40 CFR 51.166	SIP	Yes	No
3745-31-01	(SSS)(1)(a)(v)	prohibited	...is not expressly prohibited from using under any permit condition...	3704.03(F), 3704.03(G)	Fed	CAA Sections 110(a), 165, 169, 171 and 173; 40 CFR 51.165; 40 CFR 51.166	SIP	Yes	No

OAC Rule #	Paragraph	Restriction	Description/Quotation	Statutory Authority	State or Fed Law?	If Fed, crosswalk?	Federally delegated program?	Removal would require state or federal law change?	Requirement on the agency or director?
3745-31-01	(SSS)(1)(a)(v)	prohibited	...is not expressly prohibited from using under any permit condition or...	3704.03(F), 3704.03(G)	Fed	CAA Sections 110(a), 165, 169, 171 and 173; 40 CFR 51.165; 40 CFR 51.166	SIP	Yes	No
3745-31-01	(SSS)(1)(a)(vi)	shall not	Modify' or 'modification' shall not include pollution control	3704.03(F), 3704.03(G)	Fed	CAA Sections 110(a), 165, 169, 171 and 173; 40 CFR 51.165; 40 CFR 51.166	SIP	Yes	No
3745-31-01	(SSS)(1)(a)(vi)	prohibited	...is not expressly prohibited from using under any permit condition...	3704.03(F), 3704.03(G)	Fed	CAA Sections 110(a), 165, 169, 171 and 173; 40 CFR 51.165; 40 CFR 51.166	SIP	Yes	No
3745-31-01	(SSS)(1)(a)(vii)	shall not	Modify' or 'modification' shall not include allowable emission increases	3704.03(F), 3704.03(G)	Fed	CAA Sections 110(a), 165, 169, 171 and 173; 40 CFR 51.165; 40 CFR 51.166	SIP	Yes	No
3745-31-01	(UUU)	required	...means those permits or approvals required under federal air pollution control laws and regulations and those air pollution control laws and regulations that are part of the federally approved Ohio state implementation plan.	3704.03(F), 3704.03(G)	Fed	CAA Sections 110(a), 165, 169, 171 and 173; 40 CFR 51.165; 40 CFR 51.166	SIP	Yes	No
3745-31-01	(VVV)(2)	shall	increases and decreases under paragraph (VVV) of this rule shall be determined	3704.03(F), 3704.03(G)	Fed	CAA Sections 110(a), 165, 169, 171 and 173; 40 CFR 51.165; 40 CFR 51.166	SIP	Yes	No
3745-31-01	(VVV)(2)	shall not	except that paragraphs (O)(1)(c) and (O)(2)(d) of this rule shall not apply	3704.03(F), 3704.03(G)	Fed	CAA Sections 110(a), 165, 169, 171 and 173; 40 CFR 51.165; 40 CFR 51.166	SIP	Yes	No
3745-31-01	(VVV)(3)(c)	required	...if the increase or decrease is required to be considered in calculating...	3704.03(F), 3704.03(G)	Fed	CAA Sections 110(a), 165, 169, 171 and 173; 40 CFR 51.165; 40 CFR 51.166	SIP	Yes	No
3745-31-01	(VVV)(3)(c)	shall	Only PM10 emissions shall be used	3704.03(F), 3704.03(G)	Fed	CAA Sections 110(a), 165, 169, 171 and 173; 40 CFR 51.165; 40 CFR 51.166	SIP	Yes	No
3745-31-01	(VVV)(3)(f)	requires	...Any replacement unit that requires shakedown becomes operational only after a reasonable shakedown period, not to exceed one hundred eighty days.	3704.03(F), 3704.03(G)	Fed	CAA Sections 110(a), 165, 169, 171 and 173; 40 CFR 51.165; 40 CFR 51.166	SIP	Yes	No
3745-31-01	(VVV)(3)(g)	shall not	Paragraph (C)(1) of this rule shall not apply for determining creditable increases and decreases	3704.03(F), 3704.03(G)	Fed	CAA Sections 110(a), 165, 169, 171 and 173; 40 CFR 51.165; 40 CFR 51.166	SIP	Yes	No
3745-31-01	(XXX)	required	"New source review project" or "NSR project" means a physical change in, or change in the method of operation of, an existing major stationary source for which a permit-to-install or a permit-to-install and operate is required .	3704.03(F), 3704.03(G)	Fed	CAA Sections 110(a), 165, 169, 171 and 173; 40 CFR 51.165; 40 CFR 51.166	SIP	Yes	No
3745-31-01	(FFFF)(1)	shall	The allowable emissions for any emissions unit shall be calculated considering any emission limitations	3704.03(F), 3704.03(G)	Fed	CAA Sections 110(a), 165, 169, 171 and 173; 40 CFR 51.165; 40 CFR 51.166	SIP	Yes	No
3745-31-01	(FFFF)(2)	shall	An emissions unit's potential to emit shall be determined	3704.03(F), 3704.03(G)	Fed	CAA Sections 110(a), 165, 169, 171 and 173; 40 CFR 51.165; 40 CFR 51.166	SIP	Yes	No
3745-31-01	(OOOO)	shall	Particulate matter shall have the same meaning as found in rule 3745-17-01	3704.03(F), 3704.03(G)	Fed	CAA Section 110(a)(1)	SIP	Yes	No
3745-31-01	(PPPP)	shall	Particulate matter emissions shall have the same meaning as found in rule 3745-17-01	3704.03(F), 3704.03(G)	Fed	CAA Section 110(a)(1)	SIP	Yes	No
3745-31-01	(WWWW)	shall	the determination of VOC or ammonia as a precursor for PM2.5 shall be made in accordance	3704.03(F), 3704.03(G)	Fed	CAA Section 110(a)(1)	SIP	Yes	No
3745-31-01	(BBBBB)	shall	restrictions on hours of operation or on the type or amount of material combusted, stored or processed, shall be treated as part of the emission unit's or stationary source's design	3704.03(F), 3704.03(G)	Fed	CAA Sections 110(a), 165, 169, 171 and 173; 40 CFR 51.165; 40 CFR 51.166	SIP	Yes	No
3745-31-01	(GGGGG)	shall	the owner or operator of the major stationary source shall do the following	3704.03(F), 3704.03(G)	Fed	CAA Sections 110(a), 165, 169, 171 and 173; 40 CFR 51.165; 40 CFR 51.166	SIP	Yes	No
3745-31-01	(LLLLL)(1)	required	...exceeds fifty per cent of the fixed capital cost that would be required to construct...	3704.03(F), 3704.03(G)	Fed	CAA Section 112(j)	SIP	Yes	No
3745-31-01	(NNNNN)(1)(d)	shall	PM2.5 emissions and PM10 emissions shall include gaseous emissions	3704.03(F), 3704.03(G)	Fed	CAA Sections 110(a), 165, 169, 171 and 173; 40 CFR 51.165; 40 CFR 51.166	SIP	Yes	No
3745-31-01	(NNNNN)(1)(d)	shall	particulate matter shall be accounted for	3704.03(F), 3704.03(G)	Fed	CAA Sections 110(a), 165, 169, 171 and 173; 40 CFR 51.165; 40 CFR 51.166	SIP	Yes	No
3745-31-01	(NNNNN)(1)(d)	shall not	emissions limitations for PM2.5 and PM10 issued prior to this date shall not be based on condensable particulate matter	3704.03(F), 3704.03(G)	Fed	CAA Sections 110(a), 165, 169, 171 and 173; 40 CFR 51.165; 40 CFR 51.166	SIP	Yes	No
3745-31-01	(NNNNN)(1)(d)	shall not	Applicability determinations made prior to this date without accounting for condensable particulate matter shall not be considered in violation	3704.03(F), 3704.03(G)	Fed	CAA Sections 110(a), 165, 169, 171 and 173; 40 CFR 51.165; 40 CFR 51.166	SIP	Yes	No
3745-31-01	(NNNNN)(1)(d)	required	...based on condensable particulate matter unless required by the terms and conditions of a permit...	3704.03(F), 3704.03(G)	Fed	CAA Sections 110(a), 165, 169, 171 and 173; 40 CFR 51.165; 40 CFR 51.166	SIP	Yes	No
3745-31-01	(NNNNN)(1)(d)	required	...shall not be considered in violation of this chapter unless the Ohio state implementation plan required condensable particulate matter to be included.	3704.03(F), 3704.03(G)	Fed	CAA Sections 110(a), 165, 169, 171 and 173; 40 CFR 51.165; 40 CFR 51.166	SIP	Yes	No
3745-31-01	(NNNNN)(2)(a)(i)	shall	PM2.5 emissions, and PM10 emissions shall include gaseous emissions	3704.03(F), 3704.03(G)	Fed	CAA Sections 110(a), 165, 169, 171 and 173; 40 CFR 51.165; 40 CFR 51.166	SIP	Yes	No
3745-31-01	(NNNNN)(2)(a)(i)	shall	such condensable particulate matter shall be accounted for	3704.03(F), 3704.03(G)	Fed	CAA Sections 110(a), 165, 169, 171 and 173; 40 CFR 51.165; 40 CFR 51.166	SIP	Yes	No
3745-31-01	(NNNNN)(2)(a)(i)	shall not	Compliance with emissions limitations for PM2.5 and PM10 issued prior to this date shall not be based on condensable particular matter	3704.03(F), 3704.03(G)	Fed	CAA Sections 110(a), 165, 169, 171 and 173; 40 CFR 51.165; 40 CFR 51.166	SIP	Yes	No

OAC Rule #	Paragraph	Restriction	Description/Quotation	Statutory Authority	State or Fed Law?	If Fed, crosswalk?	Federally delegated program?	Removal would require state or federal law change?	Requirement on the agency or director?
3745-31-01	(NNNNN)(2)(a)(i)	shall not	Applicability determinations made prior to this date without accounting for condensable particular matter shall not be considered in violation	3704.03(F), 3704.03(G)	Fed	CAA Sections 110(a), 165, 169, 171 and 173; 40 CFR 51.165; 40 CFR 51.166	SIP	Yes	No
3745-31-01	(NNNNN)(2)(a)(i)	required	...based on condensable particulate matter unless required by the terms and conditions of a permit...	3704.03(F), 3704.03(G)	Fed	CAA Sections 110(a), 165, 169, 171 and 173; 40 CFR 51.165; 40 CFR 51.166	SIP	Yes	No
3745-31-01	(NNNNN)(2)(a)(i)	required	...shall not be considered in violation of this chapter unless the Ohio state implementation plan required condensable particulate matter to be included.	3704.03(F), 3704.03(G)	Fed	CAA Sections 110(a), 165, 169, 171 and 173; 40 CFR 51.165; 40 CFR 51.166	SIP	Yes	No
3745-31-01	(OOOOO)	shall	No creditable emission reductions shall be generated	3704.03(F), 3704.03(G)	Fed	CAA Sections 110(a), 165, 169, 171 and 173; 40 CFR 51.165; 40 CFR 51.166	SIP	Yes	No
3745-31-01	(OOOOO)(4)	shall	the emissions unit shall constitute a new emissions unit	3704.03(F), 3704.03(G)	Fed	CAA Sections 110(a), 165, 169, 171 and 173; 40 CFR 51.165; 40 CFR 51.166	SIP	Yes	No
3745-31-01	(PPPPP)(2)	shall	Repowering shall also include any oil or gas-fired unit	3704.03(F), 3704.03(G)	Fed	CAA Sections 110(a), 165, 169, 171 and 173; 40 CFR 51.165; 40 CFR 51.166	SIP	Yes	No
3745-31-01	(PPPPP)(3)	shall	The director shall give expedited consideration to permit applications for any source that satisfies this rule	3704.03(F), 3704.03(G)	Fed	CAA Sections 110(a), 165, 169, 171 and 173; 40 CFR 51.165; 40 CFR 51.166	SIP	Yes	No
3745-31-01	(SSSSS)	must	secondary emissions must be specific, well defined, quantifiable, and impact the same general areas	3704.03(F), 3704.03(G)	Fed	CAA Sections 110(a), 165, 169, 171 and 173; 40 CFR 51.165; 40 CFR 51.166	SIP	Yes	No
3745-31-01	(AAAAAA)	shall	Emissions units shall be considered as part of the same industrial grouping	3704.03(F), 3704.03(G)	Fed	CAA Sections 110(a), 165, 169, 171 and 173; 40 CFR 51.165; 40 CFR 51.166	SIP	Yes	No
3745-31-01	(BBBBBB)(2)	required	The state of Ohio has not relied on the emission reduction in a required attainment demonstration...	3704.03(F), 3704.03(G)	State	N/A	No	No	No
3745-31-01	(BBBBBB)(4)	required	Is not required by any applicable laws.	3704.03(F), 3704.03(G)	State	N/A	No	No	No
3745-31-01	(IIIIII)	shall	VOC" shall have the same meaning as defined in rule 3745-21-01	3704.03(F), 3704.03(G)	Fed	CAA Section 110(a)(1)	SIP	Yes	No
3745-31-01	(LLLLLL)(2)(o)	must	40 CFR 60.4231; "What emission standards must I meet if I am a manufacturer of stationary SI internal combustion engines or equipment containing such engines?;"	3704.03(F), 3704.03(G)	Fed	CAA Section 110(a)(1)	SIP	Yes	No
3745-31-02	(A)(1)	shall	no person shall cause, permit, or allow any of the following:	3704.03(F), 3704.03(G)	Fed	CAA Sections 110(a), 165, 169, 171 and 173	SIP	Yes	No
3745-31-02	(A)(1)(a)	required	Installation or modification of any new source that is, or will be, part of a facility... and that is required to obtain a Title V permit...	3704.03(F), 3704.03(G)	Fed	CAA Sections 110(a), 165, 169, 171 and 173	SIP	Yes	No
3745-31-02	(A)(1)(b)	required	Installation or modification, and subsequent operation of any new source that is not part of a facility... and that is not required to obtain a Title V permit	3704.03(F), 3704.03(G)	Fed	CAA Sections 110(a), 165, 169, 171 and 173	SIP	Yes	No
3745-31-02	(A)(1)(b) [Comment]	prohibit	[Comment: Paragraph (A)(1)(b) of this rule is not intended to prohibit any new source...	3704.03(F), 3704.03(G)	Fed	CAA Sections 110(a), 165, 169, 171 and 173	SIP	Yes	No
3745-31-02	(A)(1)(b) [Comment]	prohibit	[Comment: ...Nor is it intended to prohibit any new source...	3704.03(F), 3704.03(G)	Fed	CAA Sections 110(a), 165, 169, 171 and 173	SIP	Yes	No
3745-31-02	(A)(1)(c)	required	Operation of any air contaminant source... not defined as a new source... that is not part of a facility... and that is not required to obtain a Title V permit	3704.03(F), 3704.03(G)	Fed	CAA Sections 110(a), 165, 169, 171 and 173	SIP	Yes	No
3745-31-02	(A)(1)(c)(ii)	required	The Ohio environmental protection agency, or its representatives, may observe, participate in, or conduct any performance test required .	3704.03(F), 3704.03(G)	Fed	CAA Sections 110(a), 165, 169, 171 and 173	SIP	Yes	No
3745-31-02	(A)(2)	require	The director may require the owner or operator of the air contaminant source submit an updated application	3704.03(F), 3704.03(G)	Fed	CAA Sections 110(a), 165, 169, 171 and 173	SIP	Yes	No
3745-31-02	(A)(3)	shall	No installation permit shall be required for activities that are subject to and in compliance with a plant-wide applicability limit...	3704.03(F), 3704.03(G)	Fed	CAA Sections 110(a), 165, 169, 171 and 173	SIP	Yes	No
3745-31-02	(A)(3)	required	No installation permit shall be required for activities that are subject to and in compliance with a plant-wide applicability limit...	3704.03(F), 3704.03(G)	Fed	CAA Sections 110(a), 165, 169, 171 and 173	SIP	Yes	No
3745-31-02	(B)(1)(a)	shall	The owner or operator shall submit a Title V permit application and obtain a Title V permit from the director, as required under Chapter 3745-77 of the Administrative Code.	3704.03(F), 3704.03(G)	Fed	CAA Sections 110(a), 165, 169, 171 and 173	SIP	Yes	No
3745-31-02	(B)(1)(a)	required	The owner or operator shall submit a Title V permit application and obtain a Title V permit from the director, as required under Chapter 3745-77 of the Administrative Code.	3704.03(F), 3704.03(G)	Fed	CAA Sections 110(a), 165, 169, 171 and 173	SIP	Yes	No
3745-31-02	(B)(1)(b)	shall	the owner or operator shall submit the required application and obtain a permit-to-install, as required under this chapter	3704.03(F), 3704.03(G)	Fed	CAA Sections 110(a), 165, 169, 171 and 173	SIP	Yes	No
3745-31-02	(B)(1)(b)	required	the owner or operator shall submit the required application and obtain a permit-to-install, as required under this chapter	3704.03(F), 3704.03(G)	Fed	CAA Sections 110(a), 165, 169, 171 and 173	SIP	Yes	No
3745-31-02	(B)(1)(b)	required	the owner or operator shall submit the required application and obtain a permit-to-install, as required under this chapter	3704.03(F), 3704.03(G)	Fed	CAA Sections 110(a), 165, 169, 171 and 173	SIP	Yes	No
3745-31-02	(B)(1)(c)	required	Upon final issuance of the permit required under paragraph (B)(1)(a) of this rule...	3704.03(F), 3704.03(G)	Fed	CAA Sections 110(a), 165, 169, 171 and 173	SIP	Yes	No
3745-31-02	(B)(1)(c)	required	will be superseded by the issuance of the Title V permit required under paragraph (B)(1)(a) of this rule, and, if applicable, the permit-to-install required under paragraph (B)(1)(b)	3704.03(F), 3704.03(G)	Fed	CAA Sections 110(a), 165, 169, 171 and 173	SIP	Yes	No

OAC Rule #	Paragraph	Restriction	Description/Quotation	Statutory Authority	State or Fed Law?	If Fed, crosswalk?	Federally delegated program?	Removal would require state or federal law change?	Requirement on the agency or director?
3745-31-02	(B)(1)(c)	required	will be superseded by the issuance of the Title V permit required under paragraph (B)(1)(a) of this rule, and, if applicable, the permit-to-install required under paragraph (B)(1)(b)	3704.03(F), 3704.03(G)	Fed	CAA Sections 110(a), 165, 169, 171 and 173	SIP	Yes	No
3745-31-02	(B)(2)(a)	required	The owner or operator may submit the required application and obtain a PTIO or Federally Enforceable PTIO (FEPTIO) from the director, as required under this chapter.	3704.03(F), 3704.03(G)	Fed	CAA Sections 110(a), 165, 169, 171 and 173	SIP	Yes	No
3745-31-02	(B)(2)(a)	required	The owner or operator may submit the required application and obtain a PTIO or Federally Enforceable PTIO (FEPTIO) from the director, as required under this chapter.	3704.03(F), 3704.03(G)	Fed	CAA Sections 110(a), 165, 169, 171 and 173	SIP	Yes	No
3745-31-02	(E)	required	The director, in the director's discretion or where required to do so by federal laws or regulations, may issue a single permit-to-install or PTIO...	3704.03(F), 3704.03(G)	Fed	CAA Sections 110(a), 165, 169, 171 and 173	SIP	Yes	No
3745-31-02	(F)	shall not	The approval to construct or operate under this chapter shall not relieve any owner or operator of a stationary source of the responsibility to comply fully with applicable provisions	3704.03(F), 3704.03(G)	Fed	CAA Sections 110(a), 165, 169, 171 and 173	SIP	Yes	No
3745-31-02	(G)	shall not	If any provision of this chapter or the application of such provision to any person or circumstance, is held invalid, the remainder of this chapter, or the application of such provision to persons or circumstances other than those as to which it is held invalid, shall not be affected thereby	3704.03(F), 3704.03(G)	Fed	CAA Sections 110(a), 165, 169, 171 and 173	SIP	Yes	No
3745-31-03	(A)	required	A permit-to-install or PTIO as required by rule 3745-31-02 of the Administrative Code must be obtained...	3704.03(F), 3704.03(G)	Fed	CAA Sections 110(a), 165, 169, 171 and 173	SIP	Yes	No
3745-31-03	(A)	must	A permit-to-install or PTIO as required by rule 3745-31-02 of the Administrative Code must be obtained...	3704.03(F), 3704.03(G)	Fed	CAA Sections 110(a), 165, 169, 171 and 173	SIP	Yes	No
3745-31-03	(B)(1)(p)(i)(f)	shall	The owner or operator shall provide the director with confirmation of relocation	3704.03(F), 3704.03(G)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-31-03	(B)(1)(p)(ii)(f) [Comment]	must	Comment: Relocation of any portable source including the portable permit-by-rule source that results in the installation of a major stationary source or the modification of a major stationary source must also meet all applicable requirements...	3704.03(F), 3704.03(G)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-31-03	(B)(1)(p)(ii)(f)	shall	The owner or operator shall provide the director with confirmation of relocation	3704.03(F), 3704.03(G)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-31-03	(B)(1)(p)(ii)(f)	shall	Relocation of any portable source including the portable permit-by-rule source that results in the creation of a major source, as defined in rule 3745-77-01 of the Administrative Code, shall also meet all applicable requirements under the Title V program	3704.03(F), 3704.03(G)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-31-03	(B)(1)(qq)(i)	required	...permit-to-install fees for the installation of exempt non-road engines, as required under section 3745.11 of the Revised Code, are hereby waived for any permit-to-install issued for an exempt non-road engine...	3704.03(F), 3704.03(G)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-31-03	(B)(1)(tt)	shall	This exemption shall be effective for thirty days from the date the mobile treatment unit or vacuum truck is first put into use	3704.03(F), 3704.03(G)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-31-03	(B)(1)(tt)(i)	shall	The exemption shall expire upon final issuance or final denial of the permit-to-install or PTIO	3704.03(F), 3704.03(G)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-31-03	(B)(1)(tt)(ii)	shall	The exemption shall expire upon receipt of the written notification by the appropriate Ohio environmental protection agency district office or local air agency	3704.03(F), 3704.03(G)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-31-03	(B)(1)(uu)	shall	an application for a permit-to-install or PTIO shall be submitted	3704.03(F), 3704.03(G)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-31-03	(B)(1)(ww)(ii)	must	On-site cleaning, stripping and subsequent coating of outdoor objects and structures . . . that must be done periodically for maintenance purposes	3704.03(F), 3704.03(G)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-31-03	(B)(1)(xx)	required	Construction activities located at a construction site for a project for which no air pollution permits are required .	3704.03(F), 3704.03(G)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-31-03	(B)(3)(f)	shall	A request for this exemption shall be made in writing	3704.03(F), 3704.03(G)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-31-03	(B)(3)(f)	shall	and shall provide a detailed description of the proposed temporary modification	3704.03(F), 3704.03(G)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-31-03	(B)(3)(f)	require	The director may require that performance tests be conducted during the period of the temporary modification.	3704.03(F), 3704.03(G)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-31-03	(B)(3)(g)	must	Anyone requesting this exemption must provide...	3704.03(F), 3704.03(G)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-31-03	(C)	shall	the owner or operator of a facility that has exceeded the permit-by-rule thresholds or that the director finds is causing or may cause a public nuisance in violation of rule 3745-15-07 of the Administrative Code shall submit an application for a permit-to-install or PTIO	3704.03(F), 3704.03(G)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-31-03	(C)(1)(a)	shall	The owner or operator shall collect and maintain the records described for each air contaminant source	3704.03(F), 3704.03(G)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-31-03	(C)(1)(a)	shall	and these records shall be retained in the owner or operator's files	3704.03(F), 3704.03(G)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-31-03	(C)(1)(a)	shall	These records shall be made available to the director	3704.03(F), 3704.03(G)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-31-03	(C)(1)(b)	shall	The owner or operator of a new permit-by-rule air contaminant source electing to use an applicable permit-by-rule shall submit a written notification	3704.03(F), 3704.03(G)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-31-03	(C)(1)(b)	shall	This notification, or form, shall be submitted to the appropriate Ohio environmental protection agency district office	3704.03(F), 3704.03(G)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-31-03	(C)(1)(b)	shall	and shall contain the following information	3704.03(F), 3704.03(G)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-31-03	(C)(1)(c)	shall	the director, without prior hearing, shall make a final determination on the request	3704.03(F), 3704.03(G)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-31-03	(C)(1)(d)	shall	The owner or operator . . . shall submit a written notification	3704.03(F), 3704.03(G)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-31-03	(C)(1)(d)	required	shall submit a written notification which contains all of the elements required in paragraph (B)(1)(b)	3704.03(F), 3704.03(G)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-31-03	(C)(1)(d)	shall	This notification shall be submitted	3704.03(F), 3704.03(G)	Fed	CAA Section 110(a)	SIP	Yes	No

OAC Rule #	Paragraph	Restriction	Description/Quotation	Statutory Authority	State or Fed Law?	If Fed, crosswalk?	Federally delegated program?	Removal would require state or federal law change?	Requirement on the agency or director?
3745-31-03	(C)(1)(d)	shall	and shall be submitted	3704.03(F), 3704.03(G)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-31-03	(C)(1)(e)	required	Each record of any monitoring data, testing data, and support information required pursuant...	3704.03(F), 3704.03(G)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-31-03	(C)(1)(e)	shall	Each record . . . shall be retained	3704.03(F), 3704.03(G)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-31-03	(C)(1)(e)	shall	Support information shall include, but not be limited to, all calibration and maintenance records	3704.03(F), 3704.03(G)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-31-03	(C)(1)(e)	required	...and copies of all reports required by the specific permit-by-rule.	3704.03(F), 3704.03(G)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-31-03	(C)(1)(f)	shall	The owner or operator shall submit required reports	3704.03(F), 3704.03(G)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-31-03	(C)(1)(f)	required	The owner or operator shall submit required reports...	3704.03(F), 3704.03(G)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-31-03	(C)(1)(f)(i)	shall	Reports . . . required by a specific permit-by-rule shall be submitted	3704.03(F), 3704.03(G)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-31-03	(C)(1)(f)(i)	required	Reports . . . required by a specific permit-by-rule shall be submitted	3704.03(F), 3704.03(G)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-31-03	(C)(1)(f)(ii)	shall	a written report of any deviations . . . shall be submitted	3704.03(F), 3704.03(G)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-31-03	(C)(1)(f)(iii)	shall	The report shall describe the specific limitation or operational restriction exceeded	3704.03(F), 3704.03(G)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-31-03	(C)(1)(g)	shall	Any scheduled maintenance of air pollution control equipment shall be performed	3704.03(F), 3704.03(G)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-31-03	(C)(1)(g)	shall	The malfunction of any air contaminant source or any associated air pollution control system shall be reported	3704.03(F), 3704.03(G)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-31-03	(C)(1)(g)	shall	any . . . malfunction necessitating the shutdown . . . of any air pollution control system shall be accompanied	3704.03(F), 3704.03(G)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-31-03	(C)(2)(c)(ii)	shall	A . . . plant . . . shall . . . employ a baghouse	3704.03(F), 3704.03(G)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-31-03	(C)(2)(c)(iii)(a)(vi)	shall	The owner or operator shall provide the director with confirmation of relocation	3704.03(F), 3704.03(G)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-31-03	(C)(2)(c)(iii)(b)(vi)	shall	The owner or operator shall provide the director with confirmation of relocation	3704.03(F), 3704.03(G)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-31-03	(C)(2)(c)(iii)(b)(vi)	shall	Relocation of any portable permit-by-rule source . . . shall also meet all applicable requirements	3704.03(F), 3704.03(G)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-31-03	(C)(2)(c)(iii)(b) [Comment]	must	[Comment: Relocation of any portable permit-by-rule source that results in the installation of a major stationary source or the modification of a major stationary source must also meet...	3704.03(F), 3704.03(G)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-31-03	(C)(2)(f)(i)(ff)	shall	The exhaust stack of each paint spray booth at the facility shall comply	3704.03(F), 3704.03(G)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-31-03	(C)(2)(f)(ii)(a)	shall not	Facility emissions of VOC shall not exceed	3704.03(F), 3704.03(G)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-31-03	(C)(2)(f)(ii)(a)	shall not	Facility emissions of combined HAPs shall not exceed	3704.03(F), 3704.03(G)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-31-03	(C)(2)(f)(ii)(a)	shall not	Facility emissions of a single HAP shall not exceed	3704.03(F), 3704.03(G)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-31-03	(C)(2)(f)(iii)(a)	shall	The owner or operator of the facility shall regularly maintain	3704.03(F), 3704.03(G)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-31-03	(C)(2)(f)(iii)(b)	shall	Paint application equipment shall be cleaned	3704.03(F), 3704.03(G)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-31-03	(C)(2)(f)(iii)(c)	shall	the facility shall comply with all applicable laws	3704.03(F), 3704.03(G)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-31-03	(C)(2)(f)(iii)(d)	shall	the paint owner or operator shall :	3704.03(F), 3704.03(G)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-31-03	(C)(2)(f)(iii)(d)(ii)(A)	shall	the mass of VOC . . . shall be calculated	3704.03(F), 3704.03(G)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-31-03	(C)(2)(f)(iii)(d)(ii)(B)	shall	The VOC content . . . shall be calculated	3704.03(F), 3704.03(G)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-31-03	(C)(2)(f)(iii)(d)(ii)(B)	shall	The VOC content of each coating shall be measured in accordance with USEPA method 24.	3704.03(F), 3704.03(G)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-31-03	(C)(2)(f)(iii)(e)	must	When applicable, a facility located in any county in Ohio must also comply with...	3704.03(F), 3704.03(G)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-31-03	(C)(2)(f)(iv)(a)	shall	The owner or operator of the facility shall maintain annual records	3704.03(F), 3704.03(G)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-31-03	(C)(2)(f)(iv)(b)	shall	The owner or operator of the facility shall maintain a record	3704.03(F), 3704.03(G)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-31-03	(C)(2)(f)(iv)(c)	shall	The owner or operator of the facility shall maintain documentation	3704.03(F), 3704.03(G)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-31-03	(C)(2)(f)(iv)(d)	shall	the owner or operator shall submit documentation	3704.03(F), 3704.03(G)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-31-03	(C)(2)(f)(iv)(d)	shall	The owner or operator shall maintain a copy of this documentation on-site	3704.03(F), 3704.03(G)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-31-03	(C)(2)(f)(iv)(e)	must	When applicable, a facility located in any county in Ohio must also comply with...	3704.03(F), 3704.03(G)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-31-03	(C)(2)(f)(v)(a)	shall	Compliance with the annual material usage limitation shall be based upon the recordkeeping requirements specified in paragraph (B)(2)(f)(iv)(a) of this rule	3704.03(F), 3704.03(G)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-31-03	(C)(2)(g)(ii)(a)	shall	OC emissions from the facility shall not exceed twenty-five tons per year.	3704.03(F), 3704.03(G)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-31-03	(C)(2)(g)(ii)(a)	shall	The facility shall employ submerged fill pipes on all gasoline storage tanks.	3704.03(F), 3704.03(G)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-31-03	(C)(2)(g)(ii)(a)	shall	The control efficiency of the vapor balance or vapor control system shall be at least ninety per cent by weight for VOCs.	3704.03(F), 3704.03(G)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-31-03	(C)(2)(g)(iii)	shall	The facility shall comply with the following operational restrictions for the Stage I vapor control system:	3704.03(F), 3704.03(G)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-31-03	(C)(2)(g)(iii)(a)	shall	The vapor balance system shall be kept in good working order	3704.03(F), 3704.03(G)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-31-03	(C)(2)(g)(iii)(a)	shall	and shall be used at all times during the transfer of gasoline.	3704.03(F), 3704.03(G)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-31-03	(C)(2)(g)(iii)(b)	shall	There shall be no leaks in the delivery vessel	3704.03(F), 3704.03(G)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-31-03	(C)(2)(g)(iii)(c)	shall	There shall be no leaks in the vapor lines or liquid lines	3704.03(F), 3704.03(G)	Fed	CAA Section 110(a)	SIP	Yes	No

OAC Rule #	Paragraph	Restriction	Description/Quotation	Statutory Authority	State or Fed Law?	If Fed, crosswalk?	Federally delegated program?	Removal would require state or federal law change?	Requirement on the agency or director?
3745-31-03	(C)(2)(g)(iii)(d)	shall	The transfer of gasoline from a delivery vessel to a stationary storage tank shall be conducted by use of submerged fill into the storage tank. The submerged fill pipe is to be installed within six inches of the bottom of the storage tank.	3704.03(F), 3704.03(G)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-31-03	(C)(2)(g)(iii)(e)	shall	All fill caps shall be in place	3704.03(F), 3704.03(G)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-31-03	(C)(2)(g)(iii)(f)	shall	The owner or operator of the facility shall repair within fifteen days any leak	3704.03(F), 3704.03(G)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-31-03	(C)(2)(g)(iii)(g)	must	When applicable, a facility located in any county in the state of Ohio must also comply with	3704.03(F), 3704.03(G)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-31-03	(C)(2)(g)(iv)(a)	shall	The owner or operator of the facility shall maintain records of the results of any leak checks	3704.03(F), 3704.03(G)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-31-03	(C)(2)(g)(iv)(b)	shall	The owner or operator of the facility shall maintain records of the annual gasoline . . . throughput	3704.03(F), 3704.03(G)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-31-03	(C)(2)(g)(iv)(c)	must	When applicable, a facility located in any county in the state of Ohio must also comply with...	3704.03(F), 3704.03(G)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-31-03	(C)(2)(g)(v)(a)	shall	Any leak . . . that is not repaired within fifteen days after identification shall be reported	3704.03(F), 3704.03(G)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-31-03	(C)(2)(g)(v)(b)	shall	Any owner or operator of a facility . . . claiming an exemption from the Stage I vapor control requirements pursuant to paragraph (R)(4) of rule 3745-21-09 . . . is exempt from paragraphs (B)(2)(g)(ii) to (B)(2)(g)(iv) of this rule but shall comply with the following requirements:	3704.03(F), 3704.03(G)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-31-03	(C)(2)(g)(v)(b)(i)	shall	The owner or operator shall maintain records of the quantity of gasoline delivered	3704.03(F), 3704.03(G)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-31-03	(C)(2)(g)(v)(b)(i)	shall	and shall retain these records for a period of three years.	3704.03(F), 3704.03(G)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-31-03	(C)(2)(g)(v)(b)(iii)	shall	The owner or operator shall notify	3704.03(F), 3704.03(G)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-31-03	(C)(2)(g)(v)(c)	must	When applicable, a facility located in any county in the state of Ohio must also comply with...	3704.03(F), 3704.03(G)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-31-03	(C)(2)(g)(vi)(b)	must	When applicable, a facility located in any county in Ohio must also comply with the...	3704.03(F), 3704.03(G)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-31-03	(C)(2)(h)(i)(d)	shall	[Comment: The meaning of CARB certified and CARB certification used throughout this permit-by-rule shall be consistent with the definition specified by paragraph (H) of rule 3745-21-01 of the Administrative Code.]	3704.03(F), 3704.03(G)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-31-03	(C)(2)(h)(iii)(a)	shall	OC emissions from the facility shall not exceed twenty-five tons per year.	3704.03(F), 3704.03(G)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-31-03	(C)(2)(h)(ii)(a)	shall	The facility shall employ submerged fill pipes on all storage tanks. The requirements of this rule also include compliance with the requirements of paragraphs (R) and (DDD) of rule 3745-21-09 of the Administrative Code.	3704.03(F), 3704.03(G)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-31-03	(C)(2)(h)(ii)(a)	shall	The control efficiency of the Stage I vapor balance or vapor control system shall be at least ninety per cent	3704.03(F), 3704.03(G)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-31-03	(C)(2)(h)(ii)(a)	shall	The control efficiency of the Stage II vapor control system shall be at least ninety-five per cent	3704.03(F), 3704.03(G)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-31-03	(C)(2)(h)(iii)(a)	shall	The owner or operator shall comply with the following operational restrictions for the Stage I vapor control system:	3704.03(F), 3704.03(G)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-31-03	(C)(2)(h)(iii)(a)(i)	shall	The vapor balance system shall be kept in good working order	3704.03(F), 3704.03(G)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-31-03	(C)(2)(h)(iii)(a)(i)	shall	and shall be used at all times	3704.03(F), 3704.03(G)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-31-03	(C)(2)(h)(iii)(a)(iii)	shall	There shall be no leaks	3704.03(F), 3704.03(G)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-31-03	(C)(2)(h)(iii)(a)(iii)	shall	There shall be no leaks in the vapor lines or liquid lines	3704.03(F), 3704.03(G)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-31-03	(C)(2)(h)(iii)(a)(iv)	shall	The transfer of gasoline from a delivery vessel to a stationary storage tank shall be conducted by use of submerged fill	3704.03(F), 3704.03(G)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-31-03	(C)(2)(h)(iii)(a)(v)	shall	All fill caps shall be in place	3704.03(F), 3704.03(G)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-31-03	(C)(2)(h)(iii)(a)(vi)	shall	The owner or operator of the facility shall repair within fifteen days any leak	3704.03(F), 3704.03(G)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-31-03	(C)(2)(h)(iii)(b)	shall	The owner or operator shall install, operate and maintain the Stage II vapor control system in accordance with the manufacturer's specifications, the applicable CARB certification, and all requirements of paragraph (DDD)(1) of rule 3745-21-09 of the Administrative Code.	3704.03(F), 3704.03(G)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-31-03	(C)(2)(h)(iii)(c)	must	When applicable, a facility located in any county in Ohio must also comply with...	3704.03(F), 3704.03(G)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-31-03	(C)(2)(h)(iii)(d)	shall	In accordance with paragraphs (DDD)(4)(g) and (DDD)(5)(d) of rule 3745-21-09 . . . , the owner or operator shall install low permeation hoses.	3704.03(F), 3704.03(G)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-31-03	(C)(2)(h)(iv)(a)	shall	The owner or operator shall maintain records of the results of any leak checks	3704.03(F), 3704.03(G)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-31-03	(C)(2)(h)(iv)(b)	shall	The owner or operator shall maintain records as specified by paragraph (DDD)(3) of rule 3745-21-09 . . . and any records required by the applicable CARB certification. The owner or operator does not need to maintain copies of the most recent permit-to-operate and permit-to-operate application, as required by paragraph (DDD)(3)(a) of rule 3745-21-09 . . . if electing to operate under this permit-by-rule.	3704.03(F), 3704.03(G)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-31-03	(C)(2)(h)(iv)(b)	required	The owner or operator shall maintain records as specified by paragraph (DDD)(3) of rule 3745-21-09 of the Administrative Code and any records required by the applicable CARB certification...	3704.03(F), 3704.03(G)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-31-03	(C)(2)(h)(iv)(b)	required	...The owner or operator does not need to maintain copies of the most recent permit-to-operate and permit-to-operate application, as required by paragraph (DDD)(3)(a) of rule 3745-21-09...	3704.03(F), 3704.03(G)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-31-03	(C)(2)(h)(iv)(c)	shall	The owner or operator of the facility shall maintain records of the annual gasoline . . . throughput	3704.03(F), 3704.03(G)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-31-03	(C)(2)(h)(iv)(d)	must	When applicable, a facility located in any county in Ohio must also comply with...	3704.03(F), 3704.03(G)	Fed	CAA Section 110(a)	SIP	Yes	No

OAC Rule #	Paragraph	Restriction	Description/Quotation	Statutory Authority	State or Fed Law?	If Fed, crosswalk?	Federally delegated program?	Removal would require state or federal law change?	Requirement on the agency or director?
3745-31-03	(C)(2)(h)(iv)(e)	shall	The owner or operator of the facility shall maintain records . . . relevant to determining the permeation rate of the hose	3704.03(F), 3704.03(G)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-31-03	(C)(2)(h)(v)(a)	shall	Any owner or operator who is claiming an exemption for a facility from the Stage I or Stage II vapor control requirements pursuant to paragraph (R)(4) or (DDD)(4) of rule 3745-21-09 . . . shall notify	3704.03(F), 3704.03(G)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-31-03	(C)(2)(h)(v)(b)	shall	Any leak . . . shall be reported	3704.03(F), 3704.03(G)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-31-03	(C)(2)(h)(v)(c)	shall	A comprehensive written report . . . shall be submitted	3704.03(F), 3704.03(G)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-31-03	(C)(2)(h)(v)(d)	must	When applicable, a facility located in any county in Ohio must also comply with...	3704.03(F), 3704.03(G)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-31-03	(C)(2)(h)(v)(e)	shall	Any owner or operator who is decommissioning the Stage II vapor control system pursuant to paragraph (DDD)(5) of rule 3745-21-09 . . . shall notify the appropriate Ohio EPA district office or local air agency using the written notification procedures described in paragraph (C)(1) of this rule.	3704.03(F), 3704.03(G)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-31-03	(C)(2)(h)(vi)(a)	shall	Within sixty days after the installation or modification of a Stage II vapor control system, the owner or operator shall perform the tests specified by paragraph (DDD)(2) of rule 3745-21-09	3704.03(F), 3704.03(G)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-31-03	(C)(2)(h)(vi)(a)	shall	At intervals not to exceed five years, the owner or operator of the facility shall repeat and demonstrate compliance with the static leak test requirements contained in appendix A to rule 3745-21-10 of the Administrative Code (unless a greater frequency is specified in the applicable CARB certification), and the dynamic pressure performance test requirements contained in appendix B to rule 3745-21-10 of the Administrative Code (unless the dynamic pressure performance test is not applicable to the specific Stage II vapor control system, as specified in the applicable CARB certification).	3704.03(F), 3704.03(G)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-31-03	(C)(2)(h)(vi)(a)	required	Not later than thirty days prior to any required tests, the owner or operator of the facility shall submit...	3704.03(F), 3704.03(G)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-31-03	(C)(2)(h)(vi)(a)	shall	Not later than thirty days prior to any required tests, the owner or operator of the facility shall submit a test notification to the appropriate Ohio environmental protection agency district office or local air agency.	3704.03(F), 3704.03(G)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-31-03	(C)(2)(h)(vi)(a)	shall	The test notification shall describe the proposed test methods and procedures, the time and the date of the tests, and the person who will be conducting the tests. Failure to submit such notification prior to the tests may result in the Ohio environmental protection agency's refusal to accept the results of the tests.	3704.03(F), 3704.03(G)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-31-03	(C)(2)(h)(vi)(a)	shall	Personnel from the appropriate Ohio environmental protection agency district office or local air agency shall be permitted to witness the tests, examine the testing equipment, and acquire data and information during the tests.	3704.03(F), 3704.03(G)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-31-03	(C)(2)(h)(vi)(a)	shall	After completion of any tests, the facility shall complete and retain on site a copy of the post test inspection form contained in appendix C to rule 3745-21-10 of the Administrative Code.	3704.03(F), 3704.03(G)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-31-03	(C)(2)(h)(vi)(b)	shall	The owner or operator of the gasoline dispensing facility shall perform and comply with any vapor control system tests (i.e., static leak tests, air-to-liquid ratio, etc.) specified in the applicable CARB certification for the vapor control system installed.	3704.03(F), 3704.03(G)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-31-03	(C)(2)(h)(vi)(b)	shall	The tests shall be performed at the frequency specified in the CARB certification.	3704.03(F), 3704.03(G)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-31-03	(C)(2)(h)(vi)(b)	shall	If the applicable CARB certification for the vapor recovery system does not include such testing requirements, the owner or operator shall , at a minimum, comply with the static leak and dynamic pressure test requirements at intervals specified in paragraph (DDD)(2) of rule 3745-21-09	3704.03(F), 3704.03(G)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-31-03	(C)(2)(h)(vi)(d)	must	When applicable, a facility located in any county in Ohio must also comply with...	3704.03(F), 3704.03(G)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-31-03	(C)(2)(h)(vii)	shall	All Stage II vapor control systems employed at facilities operating under this permit-by-rule, including all associated underground and above ground plumbing, shall be installed, tested, operated and maintained in accordance with the applicable CARB certification. Copies of CARB certification documents, including executive orders, approval letters, equipment advisories, and equivalent test procedures are available from the appropriate Ohio environmental protection agency district office or local air agency upon request.	3704.03(F), 3704.03(G)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-31-03	(C)(2)(i)(i)(d)	shall	Air contaminant sources with a maximum rated heat input capacity of greater than fifty million British thermal units per hour shall be equipped with low-NOx burners or other combustion control techniques designed to meet an emission limitation of not greater than 0.050 pound of nitrogen oxides per million British thermal units of heat input.	3704.03(F), 3704.03(G)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-31-03	(C)(2)(i)(ii)(a)	shall not	Particulate matter emissions shall not exceed 0.020 pound per million British thermal units of actual heat input.	3704.03(F), 3704.03(G)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-31-03	(C)(2)(i)(ii)(a)	shall not	Particulate matter emissions shall not exceed 8.76 tons per year.	3704.03(F), 3704.03(G)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-31-03	(C)(2)(i)(ii)(a)	shall not	Nitrogen oxides emissions shall not exceed 5.0 pounds per hour and 21.90 tons per year.	3704.03(F), 3704.03(G)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-31-03	(C)(2)(i)(ii)(a)	shall not	Carbon monoxide emissions shall not exceed 8.24 pounds per hour and 36.07 tons per year.	3704.03(F), 3704.03(G)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-31-03	(C)(2)(i)(ii)(a)	shall not	OC emissions shall not exceed 1.08 pounds per hour and 4.72 tons per year.	3704.03(F), 3704.03(G)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-31-03	(C)(2)(i)(ii)(a)	shall not	Sulfur dioxide emissions shall not exceed 0.06 pound per hour and 0.26 ton per year.	3704.03(F), 3704.03(G)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-31-03	(C)(2)(i)(ii)(a)	shall not	Visible particulate matter emissions shall not exceed five per cent opacity, as a six-minute average.	3704.03(F), 3704.03(G)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-31-03	(C)(2)(i)(iii)(a)	shall	The owner or operator shall maintain . . . documentation	3704.03(F), 3704.03(G)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-31-03	(C)(2)(i)(iii)(b)	shall	The owner or operator shall maintain monthly records of the total amount of natural gas fired	3704.03(F), 3704.03(G)	Fed	CAA Section 110(a)	SIP	Yes	No

OAC Rule #	Paragraph	Restriction	Description/Quotation	Statutory Authority	State or Fed Law?	If Fed, crosswalk?	Federally delegated program?	Removal would require state or federal law change?	Requirement on the agency or director?
3745-31-03	(C)(2)(i)(iv)(a)	shall	the owner or operator electing to use this permit-by-rule shall report the following, in accordance with 40 CFR part 60, subpart Dc, to the appropriate Ohio environmental protection agency district office or local air agency at the appropriate times:	3704.03(F), 3704.03(G)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-31-03	(C)(2)(i)(v)(a)	shall	If required by the Ohio environmental protection agency, the owner or operator shall demonstrate compliance with the pounds per million British thermal units and hourly emission limitations of this permit-by-rule in accordance with the appropriate test methods specified in 40 CFR part 60, appendix A.	3704.03(F), 3704.03(G)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-31-03	(C)(2)(i)(v)(a) (iii)	required	Date of performance testing (if required , at least thirty days prior to testing).	3704.03(F), 3704.03(G)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-31-03	(C)(2)(i)(v)(a)	required	If required by the Ohio environmental protection agency, the owner or operator shall demonstrate compliance...	3704.03(F), 3704.03(G)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-31-03	(C)(2)(i)(v)(b)	shall	Compliance with the annual emission limitations shall be assumed as long as compliance with the pound per million British thermal units and hourly emission limitations are maintained.	3704.03(F), 3704.03(G)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-31-03	(C)(2)(i)(v)(c)	required	If required by the Ohio environmental protection agency, compliance with...	3704.03(F), 3704.03(G)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-31-03	(C)(2)(i)(v)(c)	shall	If required by the Ohio environmental protection agency, compliance with the visible particulate emission limitations shall be demonstrated in accordance with USEPA method 9 of 40 CFR part 60, appendix A.	3704.03(F), 3704.03(G)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-31-03	(C)(2)(j)(ii)(a)	shall not	Facility emissions shall not exceed ten tons of VOC . . .	3704.03(F), 3704.03(G)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-31-03	(C)(2)(j)(ii)(a)	shall not	. . . except for facilities located in Ashtabula, Cuyahoga, Geauga, Lake, Lorain, Medina, Portage, or Summit counties, where total VOC emissions from all lithographic or letterpress printing operations shall not equal or exceed 3.0 tons per rolling twelve-month period.	3704.03(F), 3704.03(G)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-31-03	(C)(2)(j)(ii)(a)	shall	Facility emissions shall not exceed . . . five tons of a single HAP and ten tons of combined HAPs for any calendar year	3704.03(F), 3704.03(G)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-31-03	(C)(2)(j)(iii)(a)	shall	The owner or operator of the printing facility shall maintain annual records	3704.03(F), 3704.03(G)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-31-03	(C)(2)(j)(iii)(a)	required	In addition, the records required under paragraphs (C)(2)(j)(iii)(a)(i) to (C)(2)(j)(iii)(a)(iii) of this rule shall be maintained...	3704.03(F), 3704.03(G)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-31-03	(C)(2)(j)(iii)(a)	shall	In addition, the records required under paragraphs (C)(2)(j)(iii)(a)(i) to (C)(2)(j)(iii)(a)(iii) of this rule shall be maintained on a monthly basis for lithographic or letterpress printing lines located in Ashtabula, Cuyahoga, Geauga, Lake, Lorain, Medina, Portage, or Summit counties.	3704.03(F), 3704.03(G)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-31-03	(C)(2)(j)(iv)(a)	shall	If a small printing facility electing to operate under this permit-by-rule should elect to operate under the permit-by-rule provisions for a mid-size printing facility specified by paragraph (C)(2)(k) of this rule, the owner or operator of such facility shall comply with the notification requirements of paragraph (C)(1)(b) of this rule prior to operating under the permit-by-rule provisions for mid-size printing facilities.	3704.03(F), 3704.03(G)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-31-03	(C)(2)(j)(v)(a)	shall	Compliance with the annual material usage limitations shall be based upon the recordkeeping requirements specified in paragraph (C)(2)(j)(iii)(a) of this rule.	3704.03(F), 3704.03(G)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-31-03	(C)(2)(j)(v)(c)	required	...actual facility emissions may use the actual material VOC contents and usage rates from records required by paragraph (C)(2)(j)(iii)...	3704.03(F), 3704.03(G)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-31-03	(C)(2)(j)(v)(c)	shall	An owner or operator of the facility electing to demonstrate compliance with the annual (calendar year) or rolling twelve-month summation VOC, annual (calendar year) HAP, and combined annual (calendar year) HAP emission limitations by calculating the actual facility emissions may use the actual material VOC contents and usage rates from records required by paragraph (C)(2)(j)(iii) of this rule. The calculations shall be performed using methods approved by the Ohio environmental protection agency.	3704.03(F), 3704.03(G)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-31-03	(C)(2)(k)(i)(d)(i)	shall	Cleanup solutions either shall not exceed thirty per cent VOC, by weight, as applied, . . .	3704.03(F), 3704.03(G)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-31-03	(C)(2)(k)(i)(d)(i)	shall	. . . or shall have a VOC composite partial pressure of ten millimeters of mercury (mmHg) or less at twenty degrees Celsius (sixty-eight degrees Fahrenheit).	3704.03(F), 3704.03(G)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-31-03	(C)(2)(k)(i)(d)(ii)	shall	Cleanup solutions shall be kept in covered containers during transport and storage.	3704.03(F), 3704.03(G)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-31-03	(C)(2)(k)(i)(d)(iii)	shall	Shop towels contaminated with cleanup solution shall be kept, when not in use, in covered containers.	3704.03(F), 3704.03(G)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-31-03	(C)(2)(k)(i)(d)(iv)	shall	The use of cleanup solutions not meeting paragraph (C)(2)(k)(i)(d)(i) of this rule shall not exceed a combined total of one hundred ten gallons in any rolling, twelve-month period.	3704.03(F), 3704.03(G)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-31-03	(C)(2)(k)(ii)(a)	shall	Facility emissions shall not exceed twenty-five tons of VOC, five tons of a single HAP and 12.5 tons of combined HAPs for any rolling, twelve-month period.	3704.03(F), 3704.03(G)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-31-03	(C)(2)(k)(iii)(a)	shall	The owner or operator of the printing facility shall maintain monthly records	3704.03(F), 3704.03(G)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-31-03	(C)(2)(k)(iii)(b)(i)	shall	The owner or operator of a heatset lithographic printing process with alcohol in the fountain solution shall measure the following:	3704.03(F), 3704.03(G)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-31-03	(C)(2)(k)(iii)(b)(i) (A)	shall	The VOC (alcohol) content of any altered fountain solution, at the time of alteration . . . , in per cent by weight, of the fountain solution employed in the press and shall maintain records of the results of the measurements at the facility for a period of five years . . .	3704.03(F), 3704.03(G)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-31-03	(C)(2)(k)(iii)(b)(i) (A)	shall	. . . The alcohol content of the fountain solution shall be measured using a hydrometer. . .	3704.03(F), 3704.03(G)	Fed	CAA Section 110(a)	SIP	Yes	No

OAC Rule #	Paragraph	Restriction	Description/Quotation	Statutory Authority	State or Fed Law?	If Fed, crosswalk?	Federally delegated program?	Removal would require state or federal law change?	Requirement on the agency or director?
3745-31-03	(C)(2)(k)(iii)(b)(i) (A)	shall	. . . The hydrometer shall have a visual, analog, or digital readout with an accuracy of 0.5 per cent; . . .	3704.03(F), 3704.03(G)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-31-03	(C)(2)(k)(iii)(b)(i) (A)	shall	. . .and a standard solution shall be used to calibrate the hydrometer	3704.03(F), 3704.03(G)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-31-03	(C)(2)(k)(iii)(b)(i) (B)	shall	. . . the temperature . . . of the fountain solution, using a . . . temperature detection device capable of reading to 0.5 degrees Fahrenheit, if the owner or operator refrigerates the fountain solution. Records . . . of measurements shall be maintained . . .	3704.03(F), 3704.03(G)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-31-03	(C)(2)(k)(iii)(b)(ii)	shall	The owner or operator of a lithographic printing process shall maintain fountain solution preparation records	3704.03(F), 3704.03(G)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-31-03	(C)(2)(k)(iii)(b)(iii) (A)(1)	shall	Each recipe shall be maintained in the recipe log for a period of five years	3704.03(F), 3704.03(G)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-31-03	(C)(2)(k)(iii)(b)(ii)(A)(1)	shall	Each recipe shall clearly identify the following:	3704.03(F), 3704.03(G)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-31-03	(C)(2)(k)(iii)(b)(iii)	shall	The owner or operator of a lithographic or letterpress printing process shall maintain records, for a period of five years, of one of the following for all cleaning solutions	3704.03(F), 3704.03(G)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-31-03	(C)(2)(k)(iii)(b)(iii) (A)(1)	shall	Each recipe shall be maintained in the recipe log for a period of five years	3704.03(F), 3704.03(G)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-31-03	(C)(2)(k)(iii)(b)(iii) (A)(1)	shall	Each recipe shall clearly identify the following:	3704.03(F), 3704.03(G)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-31-03	(C)(2)(k)(iii)(b)(iv)	shall	The owner or operator of an offset lithographic or letterpress printing process shall maintain monthly records	3704.03(F), 3704.03(G)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-31-03	(C)(2)(k)(iv)	shall	The owner or operator shall notify the director of any exceedance of the following applicable requirements . . .	3704.03(F), 3704.03(G)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-31-03	(C)(2)(k)(iv)	shall	. . . and shall include a copy of the record showing the instance	3704.03(F), 3704.03(G)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-31-03	(C)(2)(k)(v)(a)	shall	Compliance . . . shall be based upon the recordkeeping requirements specified in paragraph (C)(2)(k)(iii)(a) of this rule.	3704.03(F), 3704.03(G)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-31-03	(C)(2)(k)(v)(c)	required	...actual facility emissions may use the actual material VOC contents and usage rates from records required by paragraph (C)(2)(k)(iii)...	3704.03(F), 3704.03(G)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-31-03	(C)(2)(k)(v)(c)	shall	The calculations shall be performed using methods approved by the Ohio environmental protection agency	3704.03(F), 3704.03(G)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-31-03	(C)(2)(k)(v)(d)(i)	shall	The owner or operator of an offset lithographic printing process shall determine compliance with the VOC content of the as-applied fountain solution requirements by one of the methods in paragraphs (C)(2)(k)(v)(d)(i)(A) to (C)(2)(k)(v)(d)(i)(C) of this rule except when paragraph (C)(2)(k)(v)(d)(i)(D) is applicable:	3704.03(F), 3704.03(G)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-31-03	(C)(2)(k)(v)(d)(i)(A)	shall	USEPA method 24 shall be used to determine the VOC content of the as-applied fountain solution.	3704.03(F), 3704.03(G)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-31-03	(C)(2)(k)(v)(d)(i)(B)	shall	a calculation shall be performed for VOC content	3704.03(F), 3704.03(G)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-31-03	(C)(2)(k)(v)(d)(i)(C)	shall	the owner or operator shall use formulation information provided by the supplier	3704.03(F), 3704.03(G)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-31-03	(C)(2)(k)(v)(d)(i)(C)	shall	the data obtained by USEPA method 24 shall be employed	3704.03(F), 3704.03(G)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-31-03	(C)(2)(k)(v)(d)(i)(D)	shall	the owner or operator shall determine the VOC (alcohol) content of the altered fountain solution using a hydrometer	3704.03(F), 3704.03(G)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-31-03	(C)(2)(k)(v)(d)(ii)	shall	The owner or operator of an offset lithographic or letterpress printing process shall determine compliance with the VOC content of cleaning solutions requirements by one of the following methods:	3704.03(F), 3704.03(G)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-31-03	(C)(2)(k)(v)(d)(ii)(A)	shall	USEPA method 24 shall be used to determine the VOC content of the cleaning solution.	3704.03(F), 3704.03(G)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-31-03	(C)(2)(k)(v)(d)(ii)(B)	shall	a calculation shall be performed for VOC content	3704.03(F), 3704.03(G)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-31-03	(C)(2)(k)(v)(d)(ii)(C)	shall	the owner or operator shall use formulation information provided by the supplier	3704.03(F), 3704.03(G)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-31-03	(C)(2)(k)(v)(d)(ii)(C)	shall	the data obtained by USEPA method 24 shall be employed.	3704.03(F), 3704.03(G)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-31-03	(C)(2)(k)(v)(d)(iii)	shall	The owner or operator of an offset lithographic or letterpress printing process shall determine compliance with the VOC composite partial vapor pressure of cleaning solutions requirements by one of the following methods:	3704.03(F), 3704.03(G)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-31-03	(C)(2)(k)(v)(d)(iii)(A)(3)	shall	the blended solvent shall be assumed to be an ideal solution	3704.03(F), 3704.03(G)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-31-03	(C)(2)(k)(v)(d)(iii)(A)(3)	shall	The partial vapor pressures of each compound at twenty degrees Celsius (sixty-eight degrees Fahrenheit) shall be used in the formula.	3704.03(F), 3704.03(G)	Fed	CAA Section 110(a)	SIP	Yes	No

OAC Rule #	Paragraph	Restriction	Description/Quotation	Statutory Authority	State or Fed Law?	If Fed, crosswalk?	Federally delegated program?	Removal would require state or federal law change?	Requirement on the agency or director?
3745-31-03	(C)(2)(k)(v)(d)(iii)(A)/(3)	shall	The VOC composite partial pressure shall be calculated as follows:	3704.03(F), 3704.03(G)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-31-03	(C)(2)(k)(v)(d)(iii)(B)	shall	the owner or operator shall use formulation information provided by the supplier	3704.03(F), 3704.03(G)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-31-03	(C)(2)(l)(ii)(a)	shall	The owner or operator shall employ fugitive dust control measures in order to minimize or eliminate fugitive dust emissions.	3704.03(F), 3704.03(G)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-31-03	(C)(2)(l)(ii)(a)	shall not	The owner or operator shall not allow the unpaved roadway and parking area's dust emissions to cause a public nuisance.	3704.03(F), 3704.03(G)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-31-03	(C)(2)(l)(ii)(b)	shall	The permittee shall employ reasonably available control measures to minimize or eliminate visible PE of fugitive dust by any of the following:	3704.03(F), 3704.03(G)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-31-03	(C)(2)(l)(ii)(b)(ii)	shall	The permittee shall promptly remove, in such a manner as to minimize or prevent resuspension, earth or other material from paved streets onto which such material has been deposited	3704.03(F), 3704.03(G)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-31-03	(C)(2)(l)(iii)	shall	The permittee shall treat the unpaved roadways and parking areas by application of chemical stabilization/dust suppressants or watering	3704.03(F), 3704.03(G)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-31-03	(C)(2)(l)(iii)	shall not	This paragraph shall not prohibit the permittee from employing other control measures to ensure compliance.	3704.03(F), 3704.03(G)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-31-03	(C)(2)(l)(iii)	prohibit	...This paragraph shall not prohibit the permittee from employing other control measures to ensure compliance.	3704.03(F), 3704.03(G)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-31-03	(C)(2)(l)(iii)	shall	The needed frequencies of implementation of the control measures shall be determined by the permittee's inspections	3704.03(F), 3704.03(G)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-31-03	(C)(2)(l)(iii)	shall not	Implementation of the control measures shall not be necessary for roadways and parking areas that are covered with snow or ice	3704.03(F), 3704.03(G)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-31-03	(C)(2)(l)(iv)(a)	shall	The permittee shall monitor the roadways and parking areas	3704.03(F), 3704.03(G)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-31-03	(C)(2)(l)(iv)(b)	shall	The permittee shall determine the frequency of monitoring the roadways and parking areas	3704.03(F), 3704.03(G)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-31-03	(C)(2)(l)(iv)(c)	shall	The permittee shall maintain records of the following information:	3704.03(F), 3704.03(G)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-31-03	(C)(2)(l)(iv)(c)	shall	These records shall be shall be maintained following paragraphs (C)(2)(a)(i) and (C)(2)(a)(v) of this rule.	3704.03(F), 3704.03(G)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-31-03	(C)(2)(l)(v)	shall	The permittee shall provide copies of the records required in paragraph (C)(2)(l)(iv) of this rule to the Ohio EPA upon request.	3704.03(F), 3704.03(G)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-31-03	(C)(2)(l)(v)	required	The permittee shall provide copies of the records required in paragraph (C)(2)(l)(iv) of this rule to the Ohio EPA upon request.	3704.03(F), 3704.03(G)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-31-03	(C)(2)(m)(ii)(a)	shall	The owner or operator shall employ fugitive dust control measures in order to minimize or eliminate fugitive dust emissions.	3704.03(F), 3704.03(G)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-31-03	(C)(2)(m)(ii)(a)	shall not	The owner or operator shall not allow the paved roadway and parking area's dust emissions to cause a public nuisance.	3704.03(F), 3704.03(G)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-31-03	(C)(2)(m)(ii)(b)	shall	The permittee shall employ reasonably available control measures to minimize or eliminate visible PE of fugitive dust by any of the following:	3704.03(F), 3704.03(G)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-31-03	(C)(2)(m)(ii)(b)(ii)	shall	The permittee shall promptly remove, in such a manner as to minimize or prevent resuspension, earth or other material	3704.03(F), 3704.03(G)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-31-03	(C)(2)(m)(ii)(b)(iv)	shall	The permittee shall treat the unpaved roadways and parking areas by application of chemical stabilization/dust suppressants	3704.03(F), 3704.03(G)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-31-03	(C)(2)(m)(ii)(b)(iv)	shall not	This paragraph shall not prohibit the permittee from employing other control measures	3704.03(F), 3704.03(G)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-31-03	(C)(2)(m)(ii)(b)(iv)	prohibit	...This paragraph shall not prohibit the permittee from employing other control measures to ensure compliance.	3704.03(F), 3704.03(G)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-31-03	(C)(2)(m)(ii)(b)(iv)	shall	The needed frequencies of implementation of the control measures shall be determined by the permittee's inspections	3704.03(F), 3704.03(G)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-31-03	(C)(2)(m)(ii)(b)(iv)	shall not	Implementation of the control measures shall not be necessary for roadways and parking areas that are covered with snow or ice	3704.03(F), 3704.03(G)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-31-03	(C)(2)(m)(ii)(b)(v)	shall	The permittee shall provide copies of the records . . .	3704.03(F), 3704.03(G)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-31-03	(C)(2)(m)(ii)(b)(v)	required	The permittee shall provide copies of the records required in paragraph (C)(2)(m)(iv) of this rule to the Ohio EPA upon request.	3704.03(F), 3704.03(G)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-31-04	(A)	required	Applications for permits-to-install and PTIOs required by rule 3745-31-02...	3704.03(F), 3704.03(G)	Fed	CAA Sections 110(a), 165, 169, 171 and 173; 40 CFR 51.165; 40 CFR 51.166	SIP	Yes	No
3745-31-04	(A)	shall	Applications for permits-to-install and PTIOs required by rule 3745-31-02 of the Administrative Code shall contain such information as the director deems necessary to determine whether the criteria of rule 3745-31-05 of the Administrative Code are met . . .	3704.03(F), 3704.03(G)	Fed	CAA Sections 110(a), 165, 169, 171 and 173; 40 CFR 51.165; 40 CFR 51.166	SIP	Yes	No

OAC Rule #	Paragraph	Restriction	Description/Quotation	Statutory Authority	State or Fed Law?	If Fed, crosswalk?	Federally delegated program?	Removal would require state or federal law change?	Requirement on the agency or director?
3745-31-04	(A)	shall	. . . and shall be made on forms prepared by the Ohio environmental protection agency.	3704.03(F), 3704.03(G)	Fed	CAA Sections 110(a), 165, 169, 171 and 173; 40 CFR 51.165; 40 CFR 51.166	SIP	Yes	No
3745-31-04	(B)	shall	Applications for permits-to-install and PTIOs shall be signed by the following:	3704.03(F), 3704.03(G)	Fed	CAA Sections 110(a), 165, 169, 171 and 173; 40 CFR 51.165; 40 CFR 51.166	SIP	Yes	No
3745-31-04	(C)	shall	The signatures shall constitute personal affirmation that all statements or assertions of fact made in the application are true and complete, comply fully with applicable state requirements, . . .	3704.03(F), 3704.03(G)	Fed	CAA Sections 110(a), 165, 169, 171 and 173; 40 CFR 51.165; 40 CFR 51.166	SIP	Yes	No
3745-31-04	(C)	shall	. . . and shall subject the signatory to liability under applicable state laws forbidding false or misleading statements.	3704.03(F), 3704.03(G)	Fed	CAA Sections 110(a), 165, 169, 171 and 173; 40 CFR 51.165; 40 CFR 51.166	SIP	Yes	No
3745-31-04	(D)(2)	shall	A PTIO application for air contaminant sources of fugitive dust at grain and feed processing operations or a fertilizer mixing operation and which are subject to rule 3745-17-08 of the Administrative Code shall be submitted in accordance with applicable law.	3704.03(F), 3704.03(G)	Fed	CAA Sections 110(a), 165, 169, 171 and 173; 40 CFR 51.165; 40 CFR 51.166	SIP	Yes	No
3745-31-05	(A)	shall	The director shall issue a permit-to-install or PTIO, on the basis of the information appearing in the application	3704.03(F), 3704.03(G),3704.03(T)	Fed	CAA Sections 110(a), 165, 169, 171 and 173; 40 CFR 51.165; 40 CFR 51.166	SIP	Yes	No
3745-31-05	(A)(3)(a)	required	BAT shall be evaluated, determined and required in either the initial permit-to-install or PTIO issued...	3704.03(F), 3704.03(G),3704.03(T)	Fed	CAA Sections 110(a)	SIP	Yes	No
3745-31-05	(A)(3)(a)	shall	BAT shall be evaluated, determined and required	3704.03(F), 3704.03(G),3704.03(T)	Fed	CAA Sections 110(a)	SIP	Yes	No
3745-31-05	(A)(3)(a)(i)	required	BAT is not required if the air contaminant source...	3704.03(F), 3704.03(G),3704.03(T)	Fed	CAA Sections 110(a)	SIP	Yes	No
3745-31-05	(A)(3)(a)(ii)	required	BAT is not required if the air contaminant source...	3704.03(F), 3704.03(G),3704.03(T)	Fed	CAA Sections 110(a)	SIP	Yes	No
3745-31-05	(A)(3)(a)(iii)	shall not	If the only requirement to obtain a permit-to-install or PTIO is due to one of the following, any existing BAT determination, when applicable, remains in effect and BAT shall not be reevaluated and redetermined:	3704.03(F), 3704.03(G),3704.03(T)	Fed	CAA Sections 110(a)	SIP	Yes	No
3745-31-05	(A)(3)(a)(iv)	required	BAT is not required for any existing, new, or modified air contaminant source that is subject to a plant-wide applicability limit...	3704.03(F), 3704.03(G),3704.03(T)	Fed	CAA Sections 110(a)	SIP	Yes	No
3745-31-05	(A)(3)(b)	shall	For air contaminant sources subject to an existing BAT determination, BAT shall be reevaluated and redetermined when a modification of the air contaminant source occurs.	3704.03(F), 3704.03(G),3704.03(T)	Fed	CAA Sections 110(a)	SIP	Yes	No
3745-31-05	(A)(3)(c)	shall not	Except as provided in paragraph (A)(3)(b) of this rule, BAT shall not be reevaluated and redetermined when a PTIO is renewed, notwithstanding a modification as defined in rule 3745-31-01 of the Administrative Code. However, any existing BAT determination remains in effect.	3704.03(F), 3704.03(G),3704.03(T)	Fed	CAA Sections 110(a)	SIP	Yes	No
3745-31-05	(A)(3)(e)	shall	Any reevaluated and redetermined BAT shall be in effect upon completion of the physical change or change in the method of operation or, when a physical change for change in the method of operation is not applicable, upon issuance of the permit-to-install or PTIO. Prior to completion of the physical change or change in the method of operation or issuance of the permit-to-install or PTIO, any existing BAT determination remains in effect.	3704.03(F), 3704.03(G),3704.03(T)	Fed	CAA Sections 110(a)	SIP	Yes	No
3745-31-05	(A)(3)(f)	shall	When applicable in accordance with this rule, if any of the following apply to the air contaminant source, then the director shall determine BAT to be, at a minimum, equivalent to the limit contained within the applicable rule:	3704.03(F), 3704.03(G),3704.03(T)	Fed	CAA Sections 110(a)	SIP	Yes	No
3745-31-05	(A)(3)(f)	shall	This determination shall be made on a pollutant by pollutant basis.	3704.03(F), 3704.03(G),3704.03(T)	Fed	CAA Sections 110(a)	SIP	Yes	No
3745-31-05	(A)(3)(f)(i)	required	...(DDD) of rule 3745-21-09 of the Administrative Code as the rule existed on January 1, 2006 as required in division (T) of section 3704.03 of the Revised Code.	3704.03(F), 3704.03(G),3704.03(T)	Fed	CAA Sections 110(a)	SIP	Yes	No
3745-31-05	(A)(3)(f)(ii)	required	Rules 3745-21-11 to 3745-21-16 of the Administrative Code as the rules existed on January 1, 2006 as required in division (T) of section 3704.03 of the Revised Code.	3704.03(F), 3704.03(G),3704.03(T)	Fed	CAA Sections 110(a)	SIP	Yes	No
3745-31-05	(A)(3)(g)	shall	If the only reason the rules contained in paragraphs (A)(3)(f)(i) to (A)(3)(f)(ii) of this rule do not apply is because the air contaminant source is located in a non-applicable county under the rules contained in paragraphs (A)(3)(f)(i) to (A)(3)(f)(ii) of this rule, then the director shall determine BAT to be equivalent to the most stringent limit contained within the applicable rule regardless of the air contaminant source's location. . .	3704.03(F), 3704.03(G),3704.03(T)	Fed	CAA Sections 110(a)	SIP	Yes	No
3745-31-05	(A)(3)(g)	shall	. . . This determination shall be made on a pollutant by pollutant basis.	3704.03(F), 3704.03(G),3704.03(T)	Fed	CAA Sections 110(a)	SIP	Yes	No
3745-31-05	(B)	shall	During operation, the air contaminant source shall be in compliance with applicable rules and laws . . .	3704.03(F), 3704.03(G),3704.03(T)	Fed	CAA Sections 110(a)	SIP	Yes	No
3745-31-05	(B)	required	During operation, the air contaminant source shall be in compliance with applicable rules and laws or if either required by rule...	3704.03(F), 3704.03(G),3704.03(T)	Fed	CAA Sections 110(a)	SIP	Yes	No
3745-31-05	(B)	required	...or when the director determines it is necessary, the owner or operator shall be required to submit an approvable compliance plan, as required by division (G) of section 3704.03...	3704.03(F), 3704.03(G),3704.03(T)	Fed	CAA Sections 110(a)	SIP	Yes	No

OAC Rule #	Paragraph	Restriction	Description/Quotation	Statutory Authority	State or Fed Law?	If Fed, crosswalk?	Federally delegated program?	Removal would require state or federal law change?	Requirement on the agency or director?
3745-31-05	(B)	required	...or when the director determines it is necessary, the owner or operator shall be required to submit an approvable compliance plan, as required by division (G) of section 3704.03...	3704.03(F), 3704.03(G),3704.03(T)	Fed	CAA Sections 110(a)	SIP	Yes	No
3745-31-05	(B)	shall	. . . or if either required by rule or when the director determines it is necessary, the owner or operator shall be required to submit an approvable compliance plan, as required by division (G) of section 3704.03 of the Revised Code, for incorporation into the permit terms and conditions . . .	3704.03(F), 3704.03(G),3704.03(T)	Fed	CAA Sections 110(a)	SIP	Yes	No
3745-31-05	(B)	shall	. . . A compliance plan shall be approvable where it shows the following to the satisfaction of the director:	3704.03(F), 3704.03(G),3704.03(T)	Fed	CAA Sections 110(a)	SIP	Yes	No
3745-31-05	(B)(1)	required	Operation of the air contaminant source under the compliance plan will result in compliance with all applicable requirements and laws as expeditiously as practicable but no later than any date required by applicable law.	3704.03(F), 3704.03(G),3704.03(T)	Fed	CAA Sections 110(a)	SIP	Yes	No
3745-31-05	(C)	shall	Conditional PTIOs shall contain such terms and conditions as the Ohio environmental protection agency determines necessary and appropriate.	3704.03(F), 3704.03(G),3704.03(T)	Fed	CAA Sections 110(a)	SIP	Yes	No
3745-31-05	(D)(1)	shall	Special terms and conditions necessary to ensure compliance with requirements mandated by the Clean Air Act, which include regulations promulgated by the administrator there under, include synthetic minor emissions unit terms and conditions issued in a permit-to-install or PTIO or Federally Enforceable PTIO (FEPTIO). Such terms and conditions shall be federally enforceable and may restrict a stationary source's potential to emit below major source thresholds, below thresholds for other Clean Air Act requirements, or place other restrictions on an air contaminant source or stationary source in order to avoid a Clean Air Act requirement. . .	3704.03(F), 3704.03(G),3704.03(T)	Fed	CAA Sections 110(a)	SIP	Yes	No
3745-31-05	(D)(1)	shall	. . . Federally enforceable terms and conditions, including limitations on the potential to emit of a source, shall be designated as such through one of the following:	3704.03(F), 3704.03(G),3704.03(T)	Fed	CAA Sections 110(a)	SIP	Yes	Yes
3745-31-05	(D)(2)	shall	In order to be federally enforceable, a limitation on the potential to emit of an air contaminant source or stationary source shall do the following:	3704.03(F), 3704.03(G),3704.03(T)	Fed	CAA Sections 110(a)	SIP	Yes	Yes
3745-31-05	(D)(2)(b)	shall	Specify a short-term limit on emissions for each pollutant to be restricted, and specify a short-term limit on production or operation, provided that for purposes of limiting potential to emit, acceptable short-term limitations on production or operation shall include but not be limited to one of the following:	3704.03(F), 3704.03(G),3704.03(T)	Fed	CAA Sections 110(a)	SIP	Yes	No
3745-31-05	(D)(2)(e)	shall not	During the public comment period, if the administrator objects that the terms and conditions of the permit are not federally enforceable, the director shall not issue the permit until such objection has been resolved.	3704.03(F), 3704.03(G),3704.03(T)	Fed	CAA Sections 110(a)	SIP	Yes	Yes
3745-31-05	(D)(3)	shall	Only those terms and conditions issued in a permit under this chapter and in accordance with paragraph (D)(2) of this rule that are necessary to avoid a Clean Air Act requirement, including a limitation on the potential to emit of an air contaminant source or stationary source, and expressly designated as federally enforceable, shall be federally enforceable.	3704.03(F), 3704.03(G),3704.03(T)	Fed	CAA Sections 110(a)	SIP	Yes	No
3745-31-05	(D)(4)	shall	Upon the request of the owner or operator, any of the mechanisms provided in paragraph (D)(1) of this rule shall allow for trading of emissions increases and decreases among air contaminant sources located at the same stationary source that is consistent with the Clean Air Act for the purpose of complying with a federally enforceable cap on the potential to emit of the source . . .	3704.03(F), 3704.03(G),3704.03(T)	Fed	CAA Sections 110(a)	SIP	Yes	No
3745-31-05	(D)(4)	shall	. . . Such limitations shall ensure that the trades are quantifiable and enforceable and require seven-day advance notification to the appropriate Ohio environmental protection agency district office or delegated local air agency.	3704.03(F), 3704.03(G),3704.03(T)	Fed	CAA Sections 110(a)	SIP	Yes	No
3745-31-05	(D)(4)	require	. . . Such limitations shall ensure that the trades are quantifiable and enforceable and require seven-day advance notification to the appropriate Ohio environmental protection agency district office or delegated local air agency.	3704.03(F), 3704.03(G),3704.03(T)	Fed	CAA Sections 110(a)	SIP	Yes	No
3745-31-05	(D)(5)	shall	At such time that a particular stationary source or modification becomes a major stationary source or major modification solely by virtue of a relaxation in any federally enforceable term and condition or limitation established after August 7, 1980, on the capacity of the stationary source or modification otherwise to emit an air pollutant, such as a restriction on hours of operation, rules 3745-31-10 to 3745-31-27 and 3745-31-32 of the Administrative Code shall apply to the stationary source or modification as though construction had not yet commenced on the stationary source or modification.	3704.03(F), 3704.03(G),3704.03(T)	Fed	CAA Sections 110(a)	SIP	Yes	No
3745-31-05	(E)	shall	The director may impose terms and conditions necessary to ensure compliance with any provisions of the statutes or regulations of the state of Ohio that are not mandated by the Clean Air Act or regulations adopted by the administrator thereunder, but such terms and conditions shall be enforceable as state law only, . . .	3704.03(F), 3704.03(G),3704.03(T)	Fed	CAA Sections 110(a)	SIP	Yes	No
3745-31-05	(E)	shall	. . . and shall be designated as such in the permit-to-install, PTIO or FEPTIO.	3704.03(F), 3704.03(G),3704.03(T)	Fed	CAA Sections 110(a)	SIP	Yes	No
3745-31-05	(F)	shall	The director shall act upon such application in accordance with the requirements of this rule, . . .	3704.03(F), 3704.03(G),3704.03(T)	Fed	CAA Sections 110(a)	SIP	Yes	Yes
3745-31-05	(F)	shall not	. . . provided that paragraphs (A)(3) and (I) of this rule shall not apply unless the application is for the installation of a new source as defined in rule 3745-31-01 of the Administrative Code or is for a modification of an air contaminant source as defined in rule 3745-31-01 of the Administrative Code.	3704.03(F), 3704.03(G),3704.03(T)	Fed	CAA Sections 110(a)	SIP	Yes	No

OAC Rule #	Paragraph	Restriction	Description/Quotation	Statutory Authority	State or Fed Law?	If Fed, crosswalk?	Federally delegated program?	Removal would require state or federal law change?	Requirement on the agency or director?
3745-31-05	(G)(1)	shall	In order to be considered for express processing, the air contaminant source owner or operator shall do the following:	3704.03(F), 3704.03(G),3704.03(T)	Fed	CAA Sections 110(a)	SIP	Yes	No
3745-31-05	(I)	shall	The director shall coordinate the review and issuance of an air pollution permit-to-install or PTIO . . .	3704.03(F), 3704.03(G),3704.03(T)	Fed	CAA Sections 110(a)	SIP	Yes	Yes
3745-31-05	(I)	shall	. . . This coordination . . . shall involve the . . . coordination of the granting or denying of program separate or program combined permit-to-installs or PTIOs.	3704.03(F), 3704.03(G),3704.03(T)	Fed	CAA Sections 110(a)	SIP	Yes	Yes
3745-31-06	(A)	shall	the director shall determine whether the application is substantially complete or materially deficient . . .	3704.03(F), 3704.03(G)	Fed	CAA Sections 110(a)	SIP	Yes	Yes
3745-31-06	(A)	shall	. . . and shall notify the applicant, in writing, of the determination.	3704.03(F), 3704.03(G)	Fed	CAA Sections 110(a)	SIP	Yes	Yes
3745-31-06	(B)	shall	the director shall determine whether the application is substantially complete or materially deficient . . .	3704.03(F), 3704.03(G)	Fed	CAA Sections 110(a)	SIP	Yes	Yes
3745-31-06	(B)	shall	. . . If the director fails to make a completeness determination . . . the application shall be deemed to have been complete in all material respects at the time that it was submitted to the director	3704.03(F), 3704.03(G)	Fed	CAA Sections 110(a)	SIP	Yes	Yes
3745-31-06	(C)	shall	If . . . the director . . . determines that an application is materially deficient, the director shall return the application to the applicant . . .	3704.03(F), 3704.03(G)	Fed	CAA Sections 110(a)	SIP	Yes	Yes
3745-31-06	(C)	shall	. . . If the applicant subsequently resubmits the application to the director . . . the time prescribed in paragraph (A) of this rule . . . shall resume running at the time that the application is resubmitted . . .	3704.03(F), 3704.03(G)	Fed	CAA Sections 110(a)	SIP	Yes	Yes
3745-31-06	(C)	shall	. . . The director shall do one of the following within the time remaining pursuant to paragraph (A) . . . :	3704.03(F), 3704.03(G)	Fed	CAA Sections 110(a)	SIP	Yes	Yes
3745-31-06	(D)	shall	The director shall include in each written notice of the completeness of an application . . .	3704.03(F), 3704.03(G)	Fed	CAA Sections 110(a)	SIP	Yes	Yes
3745-31-06	(E)	shall	A permit-to-install or PTIO shall be issued, modified or denied . . .	3704.03(F), 3704.03(G)	Fed	CAA Sections 110(a)	SIP	Yes	Yes
3745-31-06	(E)(2)(a)	shall	The director shall issue or deny or propose to issue or deny a permit-to-install . . .	3704.03(F), 3704.03(G)	Fed	CAA Sections 110(a)	SIP	Yes	Yes
3745-31-06	(E)(3)(a)	shall	The director may issue or deny or propose to issue or deny a PTIO, where the applicant holds a previously issued permit-to-install for the same air contaminant source, pursuant to rules adopted under division (F) of section 3704.03 of the Revised Code as expeditiously as practicable, except when the air contaminant source is considered a modification as defined in rule 3745-31-01 of the Administrative Code, then paragraph (E)(2) of this rule shall be applicable.	3704.03(F), 3704.03(G)	Fed	CAA Sections 110(a)	SIP	Yes	No
3745-31-06	(E)(4)(a)	shall	the director shall notify the applicant whether the air contaminant source will be accepted for express processing	3704.03(F), 3704.03(G)	Fed	CAA Sections 110(a)	SIP	Yes	Yes
3745-31-06	(E)(4)(b)	shall	the director shall issue or deny or propose to issue or deny an express permit-to-install	3704.03(F), 3704.03(G)	Fed	CAA Sections 110(a)	SIP	Yes	Yes
3745-31-06	(E)(6)(a)	shall	The director shall issue or deny or propose to issue or deny a renewal PTIO	3704.03(F), 3704.03(G)	Fed	CAA Sections 110(a)	SIP	Yes	Yes
3745-31-06	(E)(6)(b)	shall	In accordance with division (C) of section 119.06 of the Revised Code, when an applicant submits a timely and complete renewal application pursuant to applicable law and the terms and conditions of the PTIO, the permittee's failure to have a renewed PTIO is not a violation of this chapter. Upon expiration of the PTIO, the permittee shall continue to operate under the terms and conditions of an expired PTIO until issuance of a renewal PTIO by the director.	3704.03(F), 3704.03(G)	Fed	CAA Sections 110(a)	SIP	Yes	No
3745-31-06	(H)	shall	The director shall do the following:	3704.03(F), 3704.03(G)	Fed	CAA Sections 110(a), 165, 169, 171 and 173; 40 CFR 51.165; 40 CFR 51.166	SIP	Yes	Yes
3745-31-06	(H)(1)	shall	This notice shall follow the requirements under Chapter 3745-49 of the Administrative Code.	3704.03(F), 3704.03(G)	Fed	CAA Sections 110(a), 165, 169, 171 and 173; 40 CFR 51.165; 40 CFR 51.166	SIP	Yes	Yes
3745-31-06	(H)(3)	required	...public hearing for interested persons to appear and submit written or oral comments on the air quality impact of the air contaminant source, alternatives to it, the control technology required , and other appropriate considerations.	3704.03(F), 3704.03(G)	Fed	CAA Sections 110(a), 165, 169, 171 and 173; 40 CFR 51.165; 40 CFR 51.166	SIP	Yes	Yes
3745-31-06	(H)(4)	shall	The director shall make all comments available for public inspection.	3704.03(F), 3704.03(G)	Fed	CAA Sections 110(a), 165, 169, 171 and 173; 40 CFR 51.165; 40 CFR 51.166	SIP	Yes	Yes
3745-31-06	(I)	shall	For purposes of new source review . . . with respect to visibility protection and analysis of a Class I area, the director shall provide the following:	3704.03(F), 3704.03(G)	Fed	CAA Sections 110(a), 165, 169, 171 and 173; 40 CFR 51.165; 40 CFR 51.166	SIP	Yes	Yes
3745-31-06	(I)(1)	shall	Such notification shall be made in writing and include a copy of all information	3704.03(F), 3704.03(G)	Fed	CAA Sections 110(a), 165, 169, 171 and 173; 40 CFR 51.165; 40 CFR 51.166	SIP	Yes	Yes
3745-31-06	(I)(1)	shall	Notifications under this paragraph shall include an analysis of the anticipated impacts on visibility	3704.03(F), 3704.03(G)	Fed	CAA Sections 110(a), 165, 169, 171 and 173; 40 CFR 51.165; 40 CFR 51.166	SIP	Yes	Yes
3745-31-06	(I)(2)	shall	the director shall notify all affected federal land managers	3704.03(F), 3704.03(G)	Fed	CAA Sections 110(a), 165, 169, 171 and 173; 40 CFR 51.165; 40 CFR 51.166	SIP	Yes	Yes
3745-31-06	(I)(3)	shall	The director shall consider any analysis performed by the federal land manager	3704.03(F), 3704.03(G)	Fed	CAA Sections 110(a), 165, 169, 171 and 173; 40 CFR 51.165; 40 CFR 51.166	SIP	Yes	Yes
3745-31-06	(I)(3)	required	The director shall consider any analysis performed by the federal land manager, provided within thirty days of the federal land manager application notification and analysis required under paragraph (I)(1)...	3704.03(F), 3704.03(G)	Fed	CAA Sections 110(a), 165, 169, 171 and 173; 40 CFR 51.165; 40 CFR 51.166	SIP	Yes	Yes

OAC Rule #	Paragraph	Restriction	Description/Quotation	Statutory Authority	State or Fed Law?	If Fed, crosswalk?	Federally delegated program?	Removal would require state or federal law change?	Requirement on the agency or director?
3745-31-06	(I)(3)	shall	Where the director finds that such an analysis does not demonstrate to the satisfaction of the director that an impact on visibility will result in a Class I area, the Ohio environmental protection agency shall either provide an explanation of the finding or give notice as to where the explanation can be obtained in the notice for the public hearing.	3704.03(F), 3704.03(G)	Fed	CAA Sections 110(a), 165, 169, 171 and 173; 40 CFR 51.165; 40 CFR 51.166	SIP	Yes	Yes
3745-31-07	(A)(1)	shall	Authorization to install or modify an air contaminant source(s) contained in an issued permit-to-install or PTIO shall terminate within eighteen months of the effective date of the issuance of the permit-to-install or PTIO that authorized the installation or modification, if the owner or operator has not undertaken a continuing program of installation or modification or has not entered into a binding contractual obligation to undertake and complete within a reasonable time a continuing program of installation or modification of the air contaminant source.	3704.03(F), 3704.03(G)	Fed	CAA Sections 110(a)	SIP	Yes	No
3745-31-07	(A)(2)	shall	No appeal taken from denial of extension of a termination date shall prevent termination of a permit during the period between denial of extension and final disposition of the appeal	3704.03(F), 3704.03(G)	Fed	CAA Sections 110(a)	SIP	Yes	No
3745-31-07	(A)(2)	prohibited	...final disposition of the appeal unless prohibited by any court or administrative body having jurisdiction over the matter.	3704.03(F), 3704.03(G)	Fed	CAA Sections 110(a)	SIP	Yes	Yes
3745-31-07	(B)(2)	shall	The director may also revoke, or partially revoke, a permit-to-install, PTIO or variance if the permittee requests revocation for cause and the director determines that granting the requested revocation will not result in the violation of any applicable laws. When a permittee requests a revocation, the director, without prior hearing, shall make a final determination on the application.	3704.03(F), 3704.03(G)	Fed	CAA Sections 110(a)	SIP	Yes	Yes
3745-31-07	(B)(3)	shall	Revocation, pursuant to paragraph (B)(1) of this rule, of a permit-to-install, PTIO or variance shall be final thirty days after service of notice to the permit holder.	3704.03(F), 3704.03(G)	Fed	CAA Sections 110(a)	SIP	Yes	Yes
3745-31-07	(B)(4)	shall	The Ohio environmental protection agency shall afford a prompt hearing to any permit holder whose permit-to-install or PTIO is revoked, except as described in paragraph (B)(2) of this rule, in the manner prescribed in Chapter 3745-49 of the Administrative Code.	3704.03(F), 3704.03(G)	Fed	CAA Sections 110(a)	SIP	Yes	Yes
3745-31-07	(B)(5)(b)	required	The signatory fails to file an interim report as required pursuant to paragraph (G)(4) of rule 3745-31-09...	3704.03(F), 3704.03(G)	Fed	CAA Sections 110(a)	SIP	Yes	No
3745-31-07	(B)(5)(c)	required	False or misleading statements are made in an interim report required pursuant to paragraph (G)(4) of rule 3745-31-09...	3704.03(F), 3704.03(G)	Fed	CAA Sections 110(a)	SIP	Yes	No
3745-31-07	(C)(1)(a)	shall	A conditional PTIO issued pursuant to paragraph (B) of rule 3745-31-05 of the Administrative Code shall be effective for such reasonable periods as the director may determine...	3704.03(F), 3704.03(G)	Fed	CAA Sections 110(a)	SIP	Yes	Yes
3745-31-07	(C)(1)(a)	may not	...A conditional PTIO may not be renewed; however, the effective date may be extended...	3704.03(F), 3704.03(G)	Fed	CAA Sections 110(a)	SIP	Yes	No
3745-31-07	(C)(1)(b)	shall	A FEPTIO issued pursuant to paragraph (D) of rule 3745-31-05 of the Administrative Code shall be effective for a period of time consistent with division (G) of section 3704.03 of the Revised Code but no longer than five years, and is subject to renewal.	3704.03(F), 3704.03(G)	Fed	CAA Sections 110(a)	SIP	Yes	Yes
3745-31-07	(C)(4)	shall	Renewal shall be considered pursuant to rule 3745-31-09 of the Administrative Code.	3704.03(F), 3704.03(G)	Fed	CAA Sections 110(a)	SIP	Yes	Yes
3745-31-07	(D)(1)	shall	Any PTIO or variance issued by the director shall be subject to revision by the director in response to changes in applicable law or other factors affecting the compliance of the air contaminant source with the standards or conditions of any currently effective permit.	3704.03(F), 3704.03(G)	Fed	CAA Sections 110(a)	SIP	Yes	Yes
3745-31-07	(D)(3)	require	The director may require the owner or operator to submit a permit application...	3704.03(F), 3704.03(G)	Fed	CAA Sections 110(a)	SIP	Yes	Yes
3745-31-07	(E)	shall	The transferee of any permit-to-install, PTIO or variance shall assume personally the responsibilities of the original permit holder-transferor.	3704.03(F), 3704.03(G)	Fed	CAA Sections 110(a)	SIP	Yes	No
3745-31-07	(E)	must	The Ohio environmental protection agency must be notified in writing . . . of any transfer of a permit once the transfer has been completed.	3704.03(F), 3704.03(G)	Fed	CAA Sections 110(a)	SIP	Yes	No
3745-31-08	D	require	The director may at any time require the owner or operator of an air contaminant source which obtained registration status prior to June 30, 2008, to submit an updated application for a PTIO...	3704.03(F), 3704.03(G)	Fed	CAA Sections 110(a)	SIP	Yes	No
3745-31-08	D	shall	the updated application shall be processed in accordance with applicable law, including continuation of the existing registration status if appropriate.	3704.03(F), 3704.03(G)	Fed	CAA Sections 110(a)	SIP	Yes	Yes
3745-31-08	D	shall	If the owner or operator fails to comply with this request of the director within a reasonable period of time as specified by the director, the permit-to-operate application previously submitted by such owner or operator for such source shall be removed from registration status and processed in accordance with applicable law.	3704.03(F), 3704.03(G)	Fed	CAA Sections 110(a)	SIP	Yes	Yes
3745-31-08	D	shall	Any subsequent permit denial or notice of application deficiency shall serve as notice to the owner or operator of the source that the permit-to-operate application for such source has in fact been removed from registration status.	3704.03(F), 3704.03(G)	Fed	CAA Sections 110(a)	SIP	Yes	No
3745-31-08	E	shall	When a permittee requests a revocation pursuant to the paragraph, the director, without prior hearing, shall make a final determination on the request.	3704.03(F), 3704.03(G)	Fed	CAA Sections 110(a)	SIP	Yes	Yes
3745-31-08	E	shall	Revocation of registration status shall be final immediately after service of notice to the registration status holder.	3704.03(F), 3704.03(G)	Fed	CAA Sections 110(a)	SIP	Yes	No
3745-31-09	(A)(1)	shall	No variance shall be granted from Chapter 3745-19 . . . governing open burning.	3704.03(F), 3704.03(G),3704.03(H)	Fed	CAA Sections 110(a)	SIP	Yes	No

OAC Rule #	Paragraph	Restriction	Description/Quotation	Statutory Authority	State or Fed Law?	If Fed, crosswalk?	Federally delegated program?	Removal would require state or federal law change?	Requirement on the agency or director?
3745-31-09	(A)(2)	shall	No variance shall be granted to a new source, as defined in rule 3745-31-01 . . . , from any emissions limitation which was applicable to the source as a new source.	3704.03(F), 3704.03(G),3704.03(H)	Fed	CAA Sections 110(a)	SIP	Yes	No
3745-31-09	(B)	shall	Applications for variances shall meet the requirements of rules 3745-31-02 and 3745-31-04	3704.03(F), 3704.03(G),3704.03(H)	Fed	CAA Sections 110(a)	SIP	Yes	No
3745-31-09	(B)(1)	shall	Such application shall be returned to the applicant as expeditiously as practicable with an indication of the deficiencies therein.	3704.03(F), 3704.03(G),3704.03(H)	Fed	CAA Sections 110(a)	SIP	Yes	Yes
3745-31-09	(B)(2)	shall	An application which seeks a variance . . . which allows an applicant to emit an air pollutant at a specified level in excess of emissions standards . . . without requiring eventual compliance with such standards shall specify the level of emission sought.	3704.03(F), 3704.03(G),3704.03(H)	Fed	CAA Sections 110(a)	SIP	Yes	No
3745-31-09	(C)(1)(b)	must	To achieve compliance with applicable law pertaining to the particular air contaminant, pursuant to a compliance schedule included as a term and condition of the variance, on a date later than the date provided by applicable law upon which compliance by such source must be achieved.	3704.03(F), 3704.03(G),3704.03(H)	Fed	CAA Sections 110(a)	SIP	Yes	No
3745-31-09	(C)(2)(d)(i)	shall	The alternative emission control strategy shall do the following:	3704.03(F), 3704.03(G),3704.03(H)	Fed	CAA Sections 110(a)	SIP	Yes	No
3745-31-09	(C)(2)(d)(i)	require	...and will also require emissions of the same air contaminant from another source or sources to be less than the level(s) permitted by applicable law.	3704.03(F), 3704.03(G),3704.03(H)	Fed	CAA Sections 110(a)	SIP	Yes	No
3745-31-09	(C)(2)(d)(ii)	shall	Air contaminants from different sources shall be considered to be the same for purposes of paragraph (C)(2)(d)(i) of this rule only if they are comparable in terms of type of contaminant.	3704.03(F), 3704.03(G),3704.03(H)	Fed	CAA Sections 110(a)	SIP	Yes	No
3745-31-09	(C)(2)(d)(iii)	shall not	Emissions of particulates of the following types shall not be considered, for purposes of paragraph (C)(2)(d)(i) of this rule to be the same as emissions of particulates of any other types:	3704.03(F), 3704.03(G),3704.03(H)	Fed	CAA Sections 110(a)	SIP	Yes	No
3745-31-09	(C)(2)(d)(iv)	shall not	Emissions of organic compounds of the following types shall not be considered, for purpose of paragraph (C)(2)(d)(i) of this rule, to be the same as emissions of organic compounds of any other types:	3704.03(F), 3704.03(G),3704.03(H)	Fed	CAA Sections 110(a)	SIP	Yes	No
3745-31-09	(C)(2)(e)	required	Such compliance with applicable law or other terms and conditions as is required by the variance will be achieved as expeditiously as practicable.	3704.03(F), 3704.03(G),3704.03(H)	Fed	CAA Sections 110(a)	SIP	Yes	No
3745-31-09	(C)(2)(f)	must	If any rule from which a variance is sought has been approved by the administrator of the United States environmental protection agency as part of the Ohio state implementation plan, the applicant must demonstrate those matters required by federal law...	3704.03(F), 3704.03(G),3704.03(H)	Fed	CAA Sections 110(a)	SIP	Yes	No
3745-31-09	(C)(2)(f)	required	If any rule from which a variance is sought has been approved by the administrator of the United States environmental protection agency as part of the Ohio state implementation plan, the applicant must demonstrate those matters required by federal law...	3704.03(F), 3704.03(G),3704.03(H)	Fed	CAA Sections 110(a)	SIP	Yes	No
3745-31-09	(D)	required	The director retains the discretion to deny the application upon consideration of evidence regarding matters specified in division (H) of section 3704.03 of the Revised Code which is submitted by the applicant, developed by the agency, or obtained from another source, even though the demonstrations required by paragraph (C) of this rule have been made.	3704.03(F), 3704.03(G),3704.03(H)	Fed	CAA Sections 110(a)	SIP	Yes	No
3745-31-09	(E)(2)	shall	The director shall act on an application for a variance within six months	3704.03(F), 3704.03(G),3704.03(H)	Fed	CAA Sections 110(a)	SIP	Yes	Yes
3745-31-09	(E)(3)	shall	Variances under this rule shall be issued, denied, modified, or revoked and may be challenged in accordance with the provisions of Chapter 3745-47 or 3745-49 of the Administrative Code.	3704.03(F), 3704.03(G),3704.03(H)	Fed	CAA Sections 110(a)	SIP	Yes	Yes
3745-31-09	(E)(3)(a)	shall	In issuing, denying, modifying, or revoking any variance, the director shall state the director's reasons in writing.	3704.03(F), 3704.03(G),3704.03(H)	Fed	CAA Sections 110(a)	SIP	Yes	Yes
3745-31-09	(E)(3)(a)	shall	The decision and reasons shall be made publicly available at the cost of reproduction and handling.	3704.03(F), 3704.03(G),3704.03(H)	Fed	CAA Sections 110(a)	SIP	Yes	Yes
3745-31-09	(F)(1)	shall	A variance from a rule which has been approved by the administrator . . . as part of the Ohio [SIP] shall not be issued unless the following occurs:	3704.03(F), 3704.03(G),3704.03(H)	Fed	CAA Sections 110(a)	SIP	Yes	No
3745-31-09	(F)(2)	shall not	If a variance has been approved by the administrator pursuant to paragraph (F)(1) of this rule, a renewal of such variance shall not be subject to paragraph (F)(1) of this rule unless a significant difference exists between the material aspects of such variance and the renewed form of such variance. . .	3704.03(F), 3704.03(G),3704.03(H)	Fed	CAA Sections 110(a)	SIP	Yes	No
3745-31-09	(F)(2)	shall	. . . For the purposes of paragraph (F)(1) of this rule, a significant difference shall include any extension of the final compliance date of any compliance schedule, . . .	3704.03(F), 3704.03(G),3704.03(H)	Fed	CAA Sections 110(a)	SIP	Yes	No
3745-31-09	(F)(2)	shall not	. . . but shall not include the reduction in allowable emissions.	3704.03(F), 3704.03(G),3704.03(H)	Fed	CAA Sections 110(a)	SIP	Yes	No
3745-31-09	(G)	shall	. . . the director shall propose to amend the rule from which the variance is issued to provide for emissions authorized by the variance.	3704.03(F), 3704.03(G),3704.03(H)	Fed	CAA Sections 110(a)	SIP	Yes	Yes
3745-31-09	(G)	shall	The amended rule shall be proposed only if, in the director's judgment, such amended rule will conform to all requirements of applicable law. . .	3704.03(F), 3704.03(G),3704.03(H)	Fed	CAA Sections 110(a)	SIP	Yes	Yes
3745-31-09	(G)	shall	Following rulemaking procedures mandated by law on the proposal, the director shall take such action on the proposal as is lawful and reasonable.	3704.03(F), 3704.03(G),3704.03(H)	Fed	CAA Sections 110(a)	SIP	Yes	Yes

OAC Rule #	Paragraph	Restriction	Description/Quotation	Statutory Authority	State or Fed Law?	If Fed, crosswalk?	Federally delegated program?	Removal would require state or federal law change?	Requirement on the agency or director?
3745-31-09	(G)(2)	shall	. . . an approved compliance schedule shall be incorporated into any variance granted.	3704.03(F), 3704.03(G),3704.03(H)	Fed	CAA Sections 110(a)	SIP	Yes	Yes
3745-31-09	(G)(3)	shall	Each variance . . . shall include as terms and conditions a specified emission limit for each air contaminant for which a variance is granted and test methods for demonstrating compliance with such emissions limits.	3704.03(F), 3704.03(G),3704.03(H)	Fed	CAA Sections 110(a)	SIP	Yes	Yes
3745-31-09	(G)(4)	shall	In addition to the other registration and reporting requirements of all air contaminant sources, the holder of a variance which contains a compliance schedule shall file reports . . .	3704.03(F), 3704.03(G),3704.03(H)	Fed	CAA Sections 110(a)	SIP	Yes	No
3745-31-09	(G)(4)	required	...file reports every two months or as otherwise required by the Ohio environmental protection agency.	3704.03(F), 3704.03(G),3704.03(H)	Fed	CAA Sections 110(a)	SIP	Yes	Yes
3745-31-09	(G)(4)	shall	Such reports shall be signed by the applicant for the variance.	3704.03(F), 3704.03(G),3704.03(H)	Fed	CAA Sections 110(a)	SIP	Yes	No
3745-31-09	(G)(4)	shall	These reports shall demonstrate to the satisfaction of the director that the source for which the variance was issued is making consistent progress and has met all interim deadlines . . .	3704.03(F), 3704.03(G),3704.03(H)	Fed	CAA Sections 110(a)	SIP	Yes	No
3745-31-09	(H)	shall	. . . a variance shall not relieve the holder of responsibility to comply with all other applicable law and rules of the [OEPA].	3704.03(F), 3704.03(G),3704.03(H)	Fed	CAA Sections 110(a)	SIP	Yes	No
3745-31-10	(A)(1)	shall	Before beginning actual construction of the NSR project, the owner. . . shall . . . maintain a record of the following information:	3704.03(F)	Fed	CAA Sections 110(a), 165, 169, 171 and 173; 40 CFR 51.165; 40 CFR 51.166	SIP	Yes	No
3745-31-10	(A)(2)	shall	the owner . . . shall provide. . . information . . . in paragraph (A)(1) of this rule to the director for . . . the following:	3704.03(F)	Fed	CAA Sections 110(a), 165, 169, 171 and 173; 40 CFR 51.165; 40 CFR 51.166	SIP	Yes	No
3745-31-10	(A)(2)(c)	required	Unless required elsewhere in this rule, nothing in this paragraph shall be construed to require the owner or operator of such emissions unit to obtain any determination from the director before beginning actual construction.	3704.03(F)	Fed	CAA Sections 110(a), 165, 169, 171 and 173; 40 CFR 51.165; 40 CFR 51.166	SIP	Yes	No
3745-31-10	(A)(2)(c)	shall	Unless required elsewhere in this rule, nothing in this paragraph shall be construed to require the owner or operator of such emissions unit to obtain any determination from the director before beginning actual construction.	3704.03(F)	Fed	CAA Sections 110(a), 165, 169, 171 and 173; 40 CFR 51.165; 40 CFR 51.166	SIP	Yes	No
3745-31-10	(A)(2)(c)	require	Unless required elsewhere in this rule, nothing in this paragraph shall be construed to require the owner or operator of such emissions unit to obtain any determination from the director before beginning actual construction.	3704.03(F)	Fed	CAA Sections 110(a), 165, 169, 171 and 173; 40 CFR 51.165; 40 CFR 51.166	SIP	Yes	No
3745-31-10	(A)(3)	shall	The owner . . . shall monitor the emissions of any regulated NSR pollutant that could increase . . .	3704.03(F)	Fed	CAA Sections 110(a), 165, 169, 171 and 173; 40 CFR 51.165; 40 CFR 51.166	SIP	Yes	No
3745-31-10	(A)(4)	shall	the owner . . . shall submit a report to the director	3704.03(F)	Fed	CAA Sections 110(a), 165, 169, 171 and 173; 40 CFR 51.165; 40 CFR 51.166	SIP	Yes	No
3745-31-10	(A)(4)	must	...during which records must be generated under paragraph (A)(3)...	3704.03(F)	Fed	CAA Sections 110(a), 165, 169, 171 and 173; 40 CFR 51.165; 40 CFR 51.166	SIP	Yes	No
3745-31-10	(A)(5)	shall	. . . the owner . . . shall submit a report to the director	3704.03(F)	Fed	CAA Sections 110(a), 165, 169, 171 and 173; 40 CFR 51.165; 40 CFR 51.166	SIP	Yes	No
3745-31-10	(A)(5)	shall	. . . Such report shall be submitted to the director within sixty days after the end of such year. . .	3704.03(F)	Fed	CAA Sections 110(a), 165, 169, 171 and 173; 40 CFR 51.165; 40 CFR 51.166	SIP	Yes	No
3745-31-10	(A)(5)	shall	. . . The report shall contain the following:	3704.03(F)	Fed	CAA Sections 110(a), 165, 169, 171 and 173; 40 CFR 51.165; 40 CFR 51.166	SIP	Yes	No
3745-31-10	(B)	shall	The owner . . . shall make the information required . . . pursuant to this rule available for review	3704.03(F)	Fed	CAA Sections 110(a), 165, 169, 171 and 173; 40 CFR 51.165; 40 CFR 51.166	SIP	Yes	No
3745-31-10	(B)	required	The owner . . . shall make the information required . . . pursuant to this rule available for review	3704.03(F)	Fed	CAA Sections 110(a), 165, 169, 171 and 173; 40 CFR 51.165; 40 CFR 51.166	SIP	Yes	No
3745-31-11	(B)	shall	The director shall require, through the issuance of a permit-to-install	3704.03(F)	Fed	CAA Sections 110(a), 165, and 169; 40 CFR 51.166	SIP	Yes	Yes
3745-31-11	(B)	require	The director shall require , through the issuance of a permit-to-install	3704.03(F)	Fed	CAA Sections 110(a), 165, and 169; 40 CFR 51.166	SIP	Yes	Yes
3745-31-11	(B)	shall	such . . . measures as may be necessary to assure that . . . increases in ambient air pollutant concentration over the baseline . . . shall be limited to the following:	3704.03(F)	Fed	CAA Sections 110(a), 165, and 169; 40 CFR 51.166	SIP	Yes	No
3745-31-11	(C)	shall	The director, through the issuance of a permit-to-install . . . shall provide that no ambient concentration of an air pollutant	3704.03(F)	Fed	CAA Sections 110(a), 165, and 169; 40 CFR 51.166	SIP	Yes	Yes
3745-31-11	(C)	shall	. . . shall exceed either of the following:	3704.03(F)	Fed	CAA Sections 110(a), 165, and 169; 40 CFR 51.166	SIP	Yes	No
3745-31-11	(D)(1)	shall	All of the following . . . shall remain Class I areas:	3704.03(F)	Fed	CAA Sections 110(a), 165, and 169; 40 CFR 51.166	SIP	Yes	No
3745-31-11	(D)(2)	shall	Areas . . . assigned as Class I under regulations promulgated before August 7, 1977 shall remain Class I but may be reassigned as provided in this rule.	3704.03(F)	Fed	CAA Sections 110(a), 165, and 169; 40 CFR 51.166	SIP	Yes	No

OAC Rule #	Paragraph	Restriction	Description/Quotation	Statutory Authority	State or Fed Law?	If Fed, crosswalk?	Federally delegated program?	Removal would require state or federal law change?	Requirement on the agency or director?
3745-31-11	(D)(5)	shall	The extent of areas . . . shall conform to any changes in the boundaries of an area . . .	3704.03(F)	Fed	CAA Sections 110(a), 165, and 169; 40 CFR 51.166	SIP	Yes	No
3745-31-11	(E)(1)	shall	The following ambient concentrations shall be excluded in determining increment compliance	3704.03(F)	Fed	CAA Sections 110(a), 165, and 169; 40 CFR 51.166	SIP	Yes	No
3745-31-11	(E)(1)(e)(iii)(c)	must	Limitations under paragraphs (E)(1)(e)(iii)(a) and (E)(1)(e)(iii)(b) of this rule must be in effect at the end of the time period specified in accordance with paragraph (E)(1)(e)(i)...	3704.03(F)	Fed	CAA Sections 110(a), 165, and 169; 40 CFR 51.166	SIP	Yes	No
3745-31-11	(E)(2)	shall	No exclusion of such concentrations shall apply more than five years after the effective date of the order to which paragraph (D)(1)(a) of this rule refers, or the plan to which paragraph (E)(1)(b) of this rule refers, whichever is applicable.	3704.03(F)	Fed	CAA Sections 110(a), 165, and 169; 40 CFR 51.166	SIP	Yes	No
3745-31-11	(E)(2)	shall	If both such order and plan are applicable, no such exclusions shall apply more than five years after the later of such effective dates.	3704.03(F)	Fed	CAA Sections 110(a), 165, and 169; 40 CFR 51.166	SIP	Yes	No
3745-31-11	(E)(3)	shall	No exclusion under paragraph (E) of this rule shall occur later than nine months after August 7, 1980	3704.03(F)	Fed	CAA Sections 110(a), 165, and 169; 40 CFR 51.166	SIP	Yes	No
3745-31-11	(F)(1)	shall	All attainment areas of the state . . . shall be designated Class II.	3704.03(F)	Fed	CAA Sections 110(a), 165, and 169; 40 CFR 51.166	SIP	Yes	No
3745-31-11	(F)(2)(d)	shall	In redesignating any attainment area . . . the state shall have published a list of any inconsistency between such redesignation and [land manager] . . . recommendations . . .	3704.03(F)	Fed	CAA Sections 110(a), 165, and 169; 40 CFR 51.166	SIP	Yes	No
3745-31-12	(B)	shall	The owner . . . shall submit all information necessary	3704.03(F)	Fed	CAA Sections 110(a), 165, and 169; 40 CFR 51.166	SIP	Yes	No
3745-31-12	(B)	required	The owner or operator of a proposed major stationary source or major modification shall submit all information necessary to perform any analysis or make any determination required under this rule.	3704.03(F)	Fed	CAA Sections 110(a), 165, and 169; 40 CFR 51.166	SIP	Yes	No
3745-31-12	(C)	required	The information required under paragraph (A) of this rule shall include	3704.03(F)	Fed	CAA Sections 110(a), 165, and 169; 40 CFR 51.166	SIP	Yes	No
3745-31-12	(C)	shall	The information required under paragraph (A) of this rule shall include	3704.03(F)	Fed	CAA Sections 110(a), 165, and 169; 40 CFR 51.166	SIP	Yes	No
3745-31-13	(A)	shall	. . . no . . . source . . . shall begin actual construction unless . . . the requirements . . . of the Administrative Code have been met . . .	3704.03(F)	Fed	CAA Sections 110(a), 165, and 169; 40 CFR 51.166	SIP	Yes	No
3745-31-13	(B)	shall	Rules 3745-31-10 to 3745-31-20 of the Administrative Code shall apply to any major stationary source	3704.03(F)	Fed	CAA Sections 110(a), 165, and 169; 40 CFR 51.166	SIP	Yes	No
3745-31-13	(D)(2)(d)	shall	Such notice shall be given to the director	3704.03(F)	Fed	CAA Sections 110(a), 165, and 169; 40 CFR 51.166	SIP	Yes	No
3745-31-13	(H)(1)(f)	required	...any net increase of one hundred tons per year or more of VOCs or nitrogen oxides for the purpose of ozone subject to the attainment provisions of this chapter would be required to perform ...	3704.03(F)	Fed	CAA Sections 110(a), 165, and 169; 40 CFR 51.166	SIP	Yes	No
3745-31-14	(B)	require	Criteria air pollutants that require pre-application analysis.	3704.03(F)	Fed	CAA Sections 110(a), 165, and 169; 40 CFR 51.166	SIP	Yes	No
3745-31-14	(B)	shall	Any application for a major stationary source or major modification shall contain an analysis	3704.03(F)	Fed	CAA Sections 110(a), 165, and 169; 40 CFR 51.166	SIP	Yes	No
3745-31-14	(C)	shall	the pre-application analysis shall contain such air quality monitoring data as the director determines is necessary	3704.03(F)	Fed	CAA Sections 110(a), 165, and 169; 40 CFR 51.166	SIP	Yes	No
3745-31-14	(D)	shall	the pre-application analysis shall contain air quality monitoring data	3704.03(F)	Fed	CAA Sections 110(a), 165, and 169; 40 CFR 51.166	SIP	Yes	No
3745-31-14	(E)	required	...the continuous air monitoring data that is required under the pre-application analysis shall...	3704.03(F)	Fed	CAA Sections 110(a), 165, and 169; 40 CFR 51.166	SIP	Yes	No
3745-31-14	(E)	shall	. . . air monitoring data . . . shall have been gathered over a period of one year . . .	3704.03(F)	Fed	CAA Sections 110(a), 165, and 169; 40 CFR 51.166	SIP	Yes	No
3745-31-14	(E)	shall	. . . and shall represent the year preceding receipt of the application . . .	3704.03(F)	Fed	CAA Sections 110(a), 165, and 169; 40 CFR 51.166	SIP	Yes	No
3745-31-14	(E)	shall	. . . except that, if the director determines that a[n] . . . adequate analysis can be accomplished with . . . data gathered over a [shorter] period . . . the data that is required shall have been gathered over at least that shorter period.	3704.03(F)	Fed	CAA Sections 110(a), 165, and 169; 40 CFR 51.166	SIP	Yes	No
3745-31-14	(E)	required	...the data that is required shall have been gathered over at least that shorter period.	3704.03(F)	Fed	CAA Sections 110(a), 165, and 169; 40 CFR 51.166	SIP	Yes	No
3745-31-14	(F)	required	...satisfies all conditions of paragraph (A) of rule 3745-31-22 of the Administrative Code may provide post-approval monitoring data for ozone in lieu of providing pre-construction data as required under paragraph (B)(1) of this rule.	3704.03(F)	Fed	CAA Sections 110(a), 165, and 169; 40 CFR 51.166	SIP	Yes	No
3745-31-14	(G)	shall	Any owner . . . shall , after construction . . . conduct such ambient monitoring as the director determines is necessary	3704.03(F)	Fed	CAA Sections 110(a), 165, and 169; 40 CFR 51.166	SIP	Yes	No

OAC Rule #	Paragraph	Restriction	Description/Quotation	Statutory Authority	State or Fed Law?	If Fed, crosswalk?	Federally delegated program?	Removal would require state or federal law change?	Requirement on the agency or director?
3745-31-14	(H)	shall	Any owner . . . shall meet the requirements of 40 CFR part 58, appendix A during the operation of monitoring stations for purposes of satisfying paragraph (C) of this rule.	3704.03(F)	Fed	CAA Sections 110(a), 165, and 169; 40 CFR 51.166	SIP	Yes	No
3745-31-15	(B)	shall	A major stationary source or major modification shall meet each applicable emission limitation under the Ohio [SIP] and each applicable emission standard and standard of performance under 40 CFR Parts 60, 61 and 63.	3704.03(F)	Fed	CAA Sections 110(a), 165, and 169; 40 CFR 51.166	SIP	Yes	No
3745-31-15	(C)	shall	The owner . . . shall apply BACT	3704.03(F)	Fed	CAA Sections 110(a), 165, and 169; 40 CFR 51.166	SIP	Yes	No
3745-31-15	(D)	shall	A major modification shall apply BACT	3704.03(F)	Fed	CAA Sections 110(a), 165, and 169; 40 CFR 51.166	SIP	Yes	No
3745-31-15	(E)	shall	For phased construction NSR projects, the determination of BACT shall be reviewed and modified . . . no more than eighteen months prior to commencement of construction of each . . . phase . . . the owner or operator of the stationary source may be required to demonstrate the adequacy of any previous determination of BACT	3704.03(F)	Fed	CAA Sections 110(a), 165, and 169; 40 CFR 51.166	SIP	Yes	No
3745-31-15	(E)	required	...the owner or operator of the stationary source may be required to demonstrate the adequacy of any previous determination of BACT...	3704.03(F)	Fed	CAA Sections 110(a), 165, and 169; 40 CFR 51.166	SIP	Yes	No
3745-31-16	(B)	shall	Any owner . . . shall demonstrate that allowable emissions increases . . . would not cause or contribute to air pollution in violation of:	3704.03(F)	Fed	CAA Sections 110(a), 165, and 169; 40 CFR 51.166	SIP	Yes	No
3745-31-16	(C)	required	For purposes of PM2.5, the demonstration required in paragraph (B)...	3704.03(F)	Fed	CAA Sections 110(a), 165, and 169; 40 CFR 51.166	SIP	Yes	No
3745-31-17	(B)	shall	Any owner . . . shall provide an analysis of the impairment to visibility, soils and vegetation that would occur as a result of the stationary source or modification and general commercial, residential, industrial and other growth	3704.03(F)	Fed	CAA Sections 110(a), 165, and 169; 40 CFR 51.166	SIP	Yes	No
3745-31-17	(B)	shall	This analysis shall be submitted with the permit-to-install application.	3704.03(F)	Fed	CAA Sections 110(a), 165, and 169; 40 CFR 51.166	SIP	Yes	No
3745-31-17	(C)	shall	The owner . . . shall provide an analysis of the air quality impact . . . as a result of general commercial, residential, industrial and other growth	3704.03(F)	Fed	CAA Sections 110(a), 165, and 169; 40 CFR 51.166	SIP	Yes	No
3745-31-18	(B)	required	All estimates of ambient concentrations required under rule 3745-31-10 . . . through rule 3745-31-27 . . . shall be based upon the applicable air quality models, databases and other requirements specified in . . . Appendix W	3704.03(F)	Fed	CAA Sections 110(a), 165, and 169; 40 CFR 51.166	SIP	Yes	No
3745-31-18	(B)	shall	All estimates of ambient concentrations required under rule 3745-31-10 . . . through rule 3745-31-27 . . . shall be based upon the applicable air quality models, databases and other requirements specified in . . . Appendix W	3704.03(F)	Fed	CAA Sections 110(a), 165, and 169; 40 CFR 51.166	SIP	Yes	No
3745-31-18	(C)	must	...Written approval of the administrator of the United States environmental protection agency must be obtained for any change or substitution...	3704.03(F)	Fed	CAA Sections 110(a), 165, and 169; 40 CFR 51.166	SIP	Yes	No
3745-31-18	(C)	must	...In addition, use of a changed or substituted model must be subject to notice and opportunity for public comment under procedures developed in accordance with Chapter 3745-49 of the Administrative Code.	3704.03(F)	Fed	CAA Sections 110(a), 165, and 169; 40 CFR 51.166	SIP	Yes	No
3745-31-19	(B)	shall	The director shall , upon request, transmit to the regional administrator . . . a copy of each permit application . . . subject to this rule and provide notice to the administrator of every action	3704.03(F)	Fed	CAA Sections 110(a), 165, and 169; 40 CFR 51.166	SIP	Yes	Yes
3745-31-19	(C)	shall	The director shall consider comments from a federal land manager	3704.03(F)	Fed	CAA Sections 110(a), 165, and 169; 40 CFR 51.166	SIP	Yes	Yes
3745-31-19	(C)	shall	If the director concurs with such demonstration, the permit shall not be issued.	3704.03(F)	Fed	CAA Sections 110(a), 165, and 169; 40 CFR 51.166	SIP	Yes	Yes
3745-31-19	(D)	shall	The owner or operator of a proposed major stationary source or major modification shall demonstrate to the federal land manager	3704.03(F)	Fed	CAA Sections 110(a), 165, and 169; 40 CFR 51.166	SIP	Yes	No
3745-31-19	(F)(1)	shall	The recommendations of the governor and the federal land manager shall be transferred to the president of the United States in any case where the governor recommends a variance in which the federal land manager does not concur;	3704.03(F)	Fed	CAA Sections 110(a), 165, and 169; 40 CFR 51.166	SIP	Yes	Yes
3745-31-19	(G)	shall	stationary source or modification shall comply with emission limitations	3704.03(F)	Fed	CAA Sections 110(a), 165, and 169; 40 CFR 51.166	SIP	Yes	No
3745-31-20	(B)(2)	shall	(B) The director . . . may determine that the major stationary source or major modification may employ a system of innovative control technology if: (2) The owner or operator agrees to achieve a level of continuous emission reduction equivalent to BACT by a date specified by the director. Such date shall not be later than four years from the time of start-up or seven years from permit issuance.	3704.03(F)	Fed	CAA Sections 110(a), 165, and 169; 40 CFR 51.166	SIP	Yes	No
3745-31-20	(B)(3)	required	...employing the system of innovative control technology would be required to meet on the date specified by the director.	3704.03(F)	Fed	CAA Sections 110(a), 165, and 169; 40 CFR 51.166	SIP	Yes	No
3745-31-20	(C)	shall	The director shall withdraw any approval to employ a system of innovative control technology made under this rule if either of the following occur:	3704.03(F)	Fed	CAA Sections 110(a), 165, and 169; 40 CFR 51.166	SIP	Yes	Yes
3745-31-20	(C)(1)	required	The proposed system fails by the specified date to achieve the required emission rate.	3704.03(F)	Fed	CAA Sections 110(a), 165, and 169; 40 CFR 51.166	SIP	Yes	No
3745-31-20	(D)	required	If a proposed major stationary source or major modification fails to meet the required level of continuous emission reduction within the specified time period,...	3704.03(F)	Fed	CAA Sections 110(a), 165, and 169; 40 CFR 51.166	SIP	Yes	No

OAC Rule #	Paragraph	Restriction	Description/Quotation	Statutory Authority	State or Fed Law?	If Fed, crosswalk?	Federally delegated program?	Removal would require state or federal law change?	Requirement on the agency or director?
3745-31-21	(A)	shall	No owner or operator . . . shall begin actual construction	3704.03(F)	Fed	CAA Sections 110(a), 171, and 173; 40 CFR 51.165	SIP	Yes	No
3745-31-21	(B)	shall	Rules 3745-31-21 to 3745-31-27 . . . shall apply to any major stationary source and any major modification	3704.03(F)	Fed	CAA Sections 110(a), 171, and 173; 40 CFR 51.165	SIP	Yes	No
3745-31-21	(D)	shall	Major stationary sources and major modifications of PM10 precursors shall be subject to the control requirements that are applicable under plans in effect under Section 189 of the Clean Air Act	3704.03(F)	Fed	CAA Sections 110(a), 171, and 173; 40 CFR 51.165	SIP	Yes	No
3745-31-21	(E)	shall	Consistent with the [CAA], [OEPA] shall apply the following requirements for clean coal technology demonstrations:	3704.03(F)	Fed	CAA Sections 110(a), 171, and 173; 40 CFR 51.165	SIP	Yes	Yes
3745-31-21	(E)(2)	shall not	Installation, operation, cessation, or removal of a temporary clean coal technology demonstration project shall not subject such demonstration project to the requirements of Section 111 or Part D of Title I of the [CAA].	3704.03(F)	Fed	CAA Sections 110(a), 171, and 173; 40 CFR 51.165	SIP	Yes	No
3745-31-21	(E)(3)	shall not	For permanent clean coal technology demonstration projects that constitute repowering . . . any qualifying clean coal technology demonstration project shall not be subject to standards of performance under Section 111 . . . to the review and permitting requirements of Part C of Title I of the [CAA] for any air pollutant the potential emissions of which will not increase as a result of the . . . project.	3704.03(F)	Fed	CAA Sections 110(a), 171, and 173; 40 CFR 51.165	SIP	Yes	No
3745-31-21	(E)(4)	shall not	. . . changes . . . associated with the commencement of . . . operations by a coal-fired utility unit after a period of discontinued operation shall not subject the . . . unit to the requirements of Section 111 or Part C of Title I . . . where the emissions unit:	3704.03(F)	Fed	CAA Sections 110(a), 171, and 173; 40 CFR 51.165	SIP	Yes	No
3745-31-21	(F)	shall	. . . the applicable conditions of this rule shall also be met for secondary emissions.	3704.03(F)	Fed	CAA Sections 110(a), 171, and 173; 40 CFR 51.165	SIP	Yes	No
3745-31-21	(F)	required	...Consideration of the indirect impacts of motor vehicles and aircraft traffic regulated under Title II of the Clean Air Act (motor vehicles and aircraft) is not required under this rule.	3704.03(F)	Fed	CAA Sections 110(a), 171, and 173; 40 CFR 51.165	SIP	Yes	No
3745-31-22	(A)(1)	required	The major stationary source or major modification is required to meet an emission limitation that specifies the LAER for such stationary source.	3704.03(F)	Fed	CAA Sections 110(a), 171, and 173; 40 CFR 51.165	SIP	Yes	No
3745-31-22	(A)(1)	must	...Any permits issued without an enforceable numerical emission standard must contain enforceable conditions which assure that the design characteristics or equipment will be properly maintained...	3704.03(F)	Fed	CAA Sections 110(a), 171, and 173; 40 CFR 51.165	SIP	Yes	Yes
3745-31-22	(A)(1)	required	The LAER is required only for those major nonattainment air pollutants for which the increased allowable emissions exceed...	3704.03(F)	Fed	CAA Sections 110(a), 171, and 173; 40 CFR 51.165	SIP	Yes	No
3745-31-22	(A)(1)	require	...although the director may choose to require LAER for air pollutants that do not exceed these values.	3704.03(F)	Fed	CAA Sections 110(a), 171, and 173; 40 CFR 51.165	SIP	Yes	Yes
3745-31-22	(A)(1)	must	The new emission limitations for the new stationary source as well as any existing stationary sources affected must be federally enforceable.	3704.03(F)	Fed	CAA Sections 110(a), 171, and 173; 40 CFR 51.165	SIP	Yes	Yes
3745-31-22	(A)(2)	shall	The applicant shall certify that all existing major stationary sources owned or operated by the applicant . . . Ohio as the proposed major stationary source or major modification are in compliance	3704.03(F)	Fed	CAA Sections 110(a), 171, and 173; 40 CFR 51.165	SIP	Yes	No
3745-31-22	(A)(3)(a)	required	Emission reductions (offsets) ... are required such that there will be reasonable progress...	3704.03(F)	Fed	CAA Sections 110(a), 171, and 173; 40 CFR 51.165	SIP	Yes	No
3745-31-22	(A)(3)(b)	may not	Only intra air pollutant emission offsets will be acceptable (e.g., hydrocarbon increases may not be offset against sulfur dioxide reductions) except interprecursor offsetting...	3704.03(F)	Fed	CAA Sections 110(a), 171, and 173; 40 CFR 51.165	No	Yes	No
3745-31-22	(A)(3)(c)	must	Emission offsets must meet the baseline limitations...	3704.03(F)	Fed	CAA Sections 110(a), 171, and 173; 40 CFR 51.165	SIP	Yes	No
3745-31-22	(A)(3)(d)	required	Emission offsets are required only for those air pollutants for which the increased allowable emissions exceed the significant emission rates.	3704.03(F)	Fed	CAA Sections 110(a), 171, and 173; 40 CFR 51.165	SIP	Yes	No
3745-31-22	(A)(3)(e)	must	The total tonnage of increased emissions, in tons per year, resulting from a major modification that must be offset in accordance with Section 173 of the Clean Air Act...	3704.03(F)	Fed	CAA Sections 110(a), 171, and 173; 40 CFR 51.165	SIP	Yes	No
3745-31-22	(A)(3)(e)	shall	The total tonnage of increased emissions . . . that must be offset in accordance with Section 173 of the [CAA] shall be determined by . . .	3704.03(F)	Fed	CAA Sections 110(a), 171, and 173; 40 CFR 51.165	SIP	Yes	No
3745-31-22	(A)(4)	must	The emission offsets must provide a positive net air quality benefit in the affected area pursuant to rule 3745-31-25...	3704.03(F)	Fed	CAA Sections 110(a), 171, and 173; 40 CFR 51.165	SIP	Yes	No
3745-31-22	(B)(1)	required	The director may exempt the following major stationary sources or major modifications from the limitation required under paragraph (D)(1)...	3704.03(F)	Fed	CAA Sections 110(a), 171, and 173; 40 CFR 51.165	SIP	Yes	Yes
3745-31-22	(B)(1)	required	The director may exempt the following major stationary sources or major modifications from ... the emission offsets required under paragraphs (A)(3) and (A)(4) of this rule:	3704.03(F)	Fed	CAA Sections 110(a), 171, and 173; 40 CFR 51.165	SIP	Yes	Yes
3745-31-22	(B)(1)	must	Major stationary sources that must switch fuels due to lack of adequate fuel supplies...	3704.03(F)	Fed	CAA Sections 110(a), 171, and 173; 40 CFR 51.165	SIP	Yes	No
3745-31-22	(B)(1)	required	...or where a major stationary source is required to be modified as a result of new United States environmental protection agency regulations...	3704.03(F)	Fed	CAA Sections 110(a), 171, and 173; 40 CFR 51.165	SIP	Yes	No
3745-31-22	(B)(2)	required	The director may exempt the following major stationary sources or major modifications from the emission offsets required under paragraphs (A)(3) and (A)(4) of this rule:	3704.03(F)	Fed	CAA Sections 110(a), 171, and 173; 40 CFR 51.165	SIP	Yes	Yes

OAC Rule #	Paragraph	Restriction	Description/Quotation	Statutory Authority	State or Fed Law?	If Fed, crosswalk?	Federally delegated program?	Removal would require state or federal law change?	Requirement on the agency or director?
3745-31-23	(B)	shall	Major stationary sources or major modifications . . . shall meet the LAER . . . of rule 3745-31-22 . . . the compliance certification . . . of rule 3745-31-22 . . . and the net air quality benefit . . . of rule 3745-31-22	3704.03(F)	Fed	CAA Sections 110(a), 171, and 173; 40 CFR 51.165	SIP	Yes	No
3745-31-23	(C)(3)	shall	...If no Ohio state implementation plan pursuant to Section 110(A)(2)(d) of the Clean Air Act has been adopted and approved, then this rule shall apply.	3704.03(F)	Fed	CAA Sections 110(a), 171, and 173; 40 CFR 51.165	SIP	Yes	No
3745-31-23	(C)(4)	required	...if a designated nonattainment area is projected to be an attainment area as part of an approved Ohio state implementation plan control strategy by the new stationary source start-up date, offsets will not be required if the new stationary source would not cause a new violation.	3704.03(F)	Fed	CAA Sections 110(a), 171, and 173; 40 CFR 51.165	SIP	Yes	No
3745-31-23	(D)(1)(a)	required	The major stationary source is required to meet a more stringent emission limitation and/or...	3704.03(F)	Fed	CAA Sections 110(a), 171, and 173; 40 CFR 51.165	SIP	Yes	No
3745-31-23	(D)(1)(a)	required	...and/or the control of existing stationary sources below allowable levels is required so that the major stationary source will not cause a violation of any national ambient air quality standard.	3704.03(F)	Fed	CAA Sections 110(a), 171, and 173; 40 CFR 51.165	SIP	Yes	No
3745-31-23	(D)(1)(b)	must	...Any permits issued without an enforceable numerical emission standard must contain enforceable conditions...	3704.03(F)	Fed	CAA Sections 110(a), 171, and 173; 40 CFR 51.165	SIP	Yes	No
3745-31-23	(D)(1)(b)	shall	...Such conditions shall be enforceable as emission limitations by private parties under Section 304 of the Clean Air Act...	3704.03(F)	Fed	CAA Sections 110(a), 171, and 173; 40 CFR 51.165	SIP	Yes	No
3745-31-23	(D)(1)(b)	shall	Thereafter, the term emission limitation shall also include such design, operational, or equipment standards.	3704.03(F)	Fed	CAA Sections 110(a), 171, and 173; 40 CFR 51.165	SIP	Yes	No
3745-31-23	(D)(2)	must	The new emission limitations for the major stationary source as well as any existing stationary sources affected must be federally enforceable.	3704.03(F)	Fed	CAA Sections 110(a), 171, and 173; 40 CFR 51.165	SIP	Yes	Yes
3745-31-24	(B)(1)	shall	The baseline for determining credit for emission offsets shall be the emission limit under the Ohio state implementation plan in effect at the time the application to construct or modify a source is filed.	3704.03(F)	Fed	CAA Sections 110(a), 171, and 173; 40 CFR 51.165	SIP	Yes	No
3745-31-24	(B)(1)	required	...credit for emission offset purposes may be allowed for existing control that goes beyond that required by the Ohio state implementation plan...	3704.03(F)	Fed	CAA Sections 110(a), 171, and 173; 40 CFR 51.165	SIP	Yes	No
3745-31-24	(B)(1)	shall	...the emission offset baseline involving such sources shall be the actual emissions determined in accordance with the following:	3704.03(F)	Fed	CAA Sections 110(a), 171, and 173; 40 CFR 51.165	SIP	Yes	No
3745-31-24	(B)(1)(a)	shall	The baseline emissions . . . shall be calculated using the actual emissions definition . . . in rule 3745-31-01	3704.03(F)	Fed	CAA Sections 110(a), 171, and 173; 40 CFR 51.165	SIP	Yes	No
3745-31-24	(B)(1)(a)	shall	The director shall allow a pounds per hour averaging period...	3704.03(F)	Fed	CAA Sections 110(a), 171, and 173; 40 CFR 51.165	SIP	Yes	Yes
3745-31-24	(D)	shall not	...fuel being burned at the time the major stationary source application is filed (i.e., if the existing owner or operator of the stationary source has switched to a different type of fuel at some earlier date, any resulting emission reduction [either actual or allowable] shall not be used for emission offset credit)....	3704.03(F)	Fed	CAA Sections 110(a), 171, and 173; 40 CFR 51.165	SIP	Yes	No
3745-31-24	(D)	require	...emission offset credit based on the allowable emissions for the fuel involved is not acceptable unless the permit is conditioned to require the use of specific alternative control measures...	3704.03(F)	Fed	CAA Sections 110(a), 171, and 173; 40 CFR 51.165	SIP	Yes	No
3745-31-24	(D)	must	The applicant must provide information to the director that documents that adequate long-term supplies of the new fuel are available.	3704.03(F)	Fed	CAA Sections 110(a), 171, and 173; 40 CFR 51.165	SIP	Yes	No
3745-31-24	(E)	shall	The director shall allow the owner or operator of a major stationary source to offset...	3704.03(F)	Fed	CAA Sections 110(a), 171, and 173; 40 CFR 51.165	SIP	Yes	Yes
3745-31-24	(E)(3)	required	...testing of rocket motors or engines at the major stationary source is required for a program essential to the national security.	3704.03(F)	Fed	CAA Sections 110(a), 171, and 173; 40 CFR 51.165	SIP	Yes	No
3745-31-24	(H)	required	...bank any resulting reductions beyond those required by the Ohio state implementation plan for use under this ruling...	3704.03(F)	Fed	CAA Sections 110(a), 171, and 173; 40 CFR 51.165	SIP	Yes	No
3745-31-24	(H)	may not	The director may not approve the construction of a major stationary source using banked offsets if...	3704.03(F)	Fed	CAA Sections 110(a), 171, and 173; 40 CFR 51.165	SIP	Yes	Yes
3745-31-24	(I)	shall	Where a stationary source is subject to an emission limitation established in a[n NSPS] or a [NESHAPS]. . . and a different Ohio [SIP] limitation, the more stringent limitation shall be used as a baseline for determining credit for emission offsets.	3704.03(F)	Fed	CAA Sections 110(a), 171, and 173; 40 CFR 51.165	SIP	Yes	No
3745-31-24	(I)	may not	The difference in emissions between the Ohio [SIP] and the [NSPS] or [NESHAPS] for such stationary source may not be used as offset credit.	3704.03(F)	Fed	CAA Sections 110(a), 171, and 173; 40 CFR 51.165	SIP	Yes	No
3745-31-24	(J)	shall	All emission reductions claimed as offset credit shall be federally enforceable.	3704.03(F)	Fed	CAA Sections 110(a), 171, and 173; 40 CFR 51.165	SIP	Yes	Yes
3745-31-25	(B)	shall	The owner or operator shall obtain creditable emission reductions...	3704.03(F)	Fed	CAA Sections 110(a), 171, and 173; 40 CFR 51.165	SIP	Yes	No
3745-31-25	(C)	may not	...simple area wide mass emission offsets may not be appropriate.	3704.03(F)	Fed	CAA Sections 110(a), 171, and 173; 40 CFR 51.165	SIP	Yes	No
3745-31-25	(C)	require	...the director may require atmospheric dispersion modeling...	3704.03(F)	Fed	CAA Sections 110(a), 171, and 173; 40 CFR 51.165	SIP	Yes	No

OAC Rule #	Paragraph	Restriction	Description/Quotation	Statutory Authority	State or Fed Law?	If Fed, crosswalk?	Federally delegated program?	Removal would require state or federal law change?	Requirement on the agency or director?
3745-31-25	(C)	shall	...This modeling shall be conducted in accordance with the director's guidance.	3704.03(F)	Fed	CAA Sections 110(a), 171, and 173; 40 CFR 51.165	SIP	Yes	No
3745-31-26	(A)	shall	In meeting the emissions offset in rules 3745-31-21 to 3745-31-27 . . . the following shall occur:	3704.03(F)	Fed	CAA Sections 110(a), 171, and 173; 40 CFR 51.165	SIP	Yes	No
3745-31-26	(A)(1)	shall	The ratio of total actual emissions reductions to the emissions increase shall be at least 1.0 to 1.0 . . .	3704.03(F)	Fed	CAA Sections 110(a), 171, and 173; 40 CFR 51.165	SIP	Yes	No
3745-31-26	(A)(2)	shall	The emissions offsets obtained shall be for the same regulated NSR pollutant except for interprecursor offsetting	3704.03(F)	Fed	CAA Sections 110(a), 171, and 173; 40 CFR 51.165	SIP	Yes	No
3745-31-26	(C)(1)	shall	In areas that are not classified as marginal, moderate, serious, severe or extreme areas, the offset ratio shall be greater than 1.0 to 1.0.	3704.03(F)	Fed	CAA Sections 110(a), 171, and 173; 40 CFR 51.165	SIP	Yes	No
3745-31-26	(C)(2)	required	Marginal areas, the minimum required offset ratio is 1.1 to 1.0.	3704.03(F)	Fed	CAA Sections 110(a), 171, and 173; 40 CFR 51.165	SIP	Yes	No
3745-31-26	(C)(3)	required	Moderate areas, the minimum required offset ratio is 1.15 to 1.0.	3704.03(F)	Fed	CAA Sections 110(a), 171, and 173; 40 CFR 51.165	SIP	Yes	No
3745-31-26	(C)(4)	required	Serious areas, the minimum required offset ratio is 1.2 to 1.0.	3704.03(F)	Fed	CAA Sections 110(a), 171, and 173; 40 CFR 51.165	SIP	Yes	No
3745-31-26	(C)(5)	required	Severe areas, the minimum required offset ratio is 1.3 to 1.0.	3704.03(F)	Fed	CAA Sections 110(a), 171, and 173; 40 CFR 51.165	SIP	Yes	No
3745-31-26	(C)(6)	required	Extreme areas, the minimum required offset ratio is 1.5 to 1.0.	3704.03(F)	Fed	CAA Sections 110(a), 171, and 173; 40 CFR 51.165	SIP	Yes	No
3745-31-26	(D)(1)(a)	required	When using sulfur dioxide emission reductions for PM2.5 emission increases, the minimum required offset ratio is 40.0 to 1.0.	3704.03(F)	Fed	CAA Sections 110(a), 171, and 173; 40 CFR 51.165	Yes	Yes	No
3745-31-26	(D)(1)(b)	required	When using PM2.5 emission reductions for sulfur dioxide emission increases, the minimum required offset ratio is 1.0 to 40.0.	3704.03(F)	Fed	CAA Sections 110(a), 171, and 173; 40 CFR 51.165	Yes	Yes	No
3745-31-26	(D)(2)(a)	required	When using nitrogen oxides emission reductions for PM2.5 emission increases, the minimum required offset ratio is 200.0 to 1.0.	3704.03(F)	Fed	CAA Sections 110(a), 171, and 173; 40 CFR 51.165	Yes	Yes	No
3745-31-26	(D)(2)(b)	required	When using PM2.5 emission reductions for nitrogen oxide emission increases, the minimum required offset ratio is 1.0 to 200.0.	3704.03(F)	Fed	CAA Sections 110(a), 171, and 173; 40 CFR 51.165	Yes	Yes	No
3745-31-26	(E)	shall not	Paragraph (A) of this rule shall not apply in areas designated nonattainment for ozone that have been granted a nitrogen oxide waiver under Section 182(f) of the [CAA]	3704.03(F)	Fed	CAA Sections 110(a), 171, and 173; 40 CFR 51.165	SIP	Yes	No
3745-31-27	(A)(1)(b)	shall	The director shall review and approve the emission offsets	3704.03(F)	Fed	CAA Sections 110(a), 171, and 173; 40 CFR 51.165	SIP	Yes	Yes
3745-31-27	(A)	must	The emission reduction committed to must be enforceable by authorized state or local agencies and under the Clean Air Act,	3704.03(F)	Fed	CAA Sections 110(a), 171, and 173; 40 CFR 51.165	SIP	Yes	Yes
3745-31-27	(A)	must	and must be accomplished by the new major stationary source's start-up date.	3704.03(F)	Fed	CAA Sections 110(a), 171, and 173; 40 CFR 51.165	SIP	Yes	Yes
3745-31-27	(A)	must	If emission reductions are to be obtained in a state that neighbors the state in which the new major stationary source is to be located, the emission reductions committed to must be enforceable by the neighboring state and/or local agencies and under the Clean Air Act.	3704.03(F)	Fed	CAA Sections 110(a), 171, and 173; 40 CFR 51.165	SIP	Yes	Yes
3745-31-27	(A)(2)	must	State or community initiated offsets either must be submitted as a Ohio state implementation plan revision	3704.03(F)	Fed	CAA Sections 110(a), 171, and 173; 40 CFR 51.165	SIP	Yes	Yes
3745-31-27	(A)(2)	must	or must be contained in a federally enforceable permit.	3704.03(F)	Fed	CAA Sections 110(a), 171, and 173; 40 CFR 51.165	SIP	Yes	Yes
3745-31-27	(A)	required	Where the new major stationary source is a replacement for a major stationary source that is being shut down in order to provide the necessary offsets, the director may allow up to one hundred eighty days for shakedown of the new major stationary source before the existing major stationary source is required to cease operation.	3704.03(F)	Fed	CAA Sections 110(a), 171, and 173; 40 CFR 51.165	SIP	Yes	Yes
3745-31-28	(D)	shall	The permit application for a major MACT source to which this rule applies shall specify a control technology . . .	3704.03(F)	Fed	CAA Section 112(j)	SIP	Yes	No
3745-31-28	(D)(1)	shall	. . . the application for a MACT determination shall contain the following information:	3704.03(F)	Fed	CAA Section 112(j)	SIP	Yes	No
3745-31-28	(D)(1)	require	In each case where a constructed or reconstructed major MACT source would require additional control technology or change in control technology, the application for a MACT determination shall contain the following information:	3704.03(F)	Fed	CAA Section 112(j)	SIP	Yes	No
3745-31-28	(D)(1)(f)	required	The HAPs to be emitted by the constructed or reconstructed major MACT source, and the estimated emission rate for each such HAP, to the extent that this information is required by the director.	3704.03(F)	Fed	CAA Section 112(j)	SIP	Yes	Yes
3745-31-28	(D)(1)(k)	required	Any other relevant information required pursuant to 40 CFR Part 63, Subpart A.	3704.03(F)	Fed	CAA Section 112(j), 40 CFR Part 63, Subpart A	SIP	Yes	No

OAC Rule #	Paragraph	Restriction	Description/Quotation	Statutory Authority	State or Fed Law?	If Fed, crosswalk?	Federally delegated program?	Removal would require state or federal law change?	Requirement on the agency or director?
3745-31-28	(D)(2)	shall	In each case where an applicant contends that a constructed or reconstructed major MACT source will be in compliance, upon start-up, with case-by-case MACT without a change in control technology, the application shall contain the following information:	3704.03(F)	Fed	CAA Section 112(j)	SIP	Yes	No
3745-31-28	(E)	shall	The following general principles shall govern preparation by the applicant of each permit application requiring a MACT determination . . .	3704.03(F)	Fed	CAA Section 112(j)	SIP	Yes	No
3745-31-28	(E)(1)	shall not	The MACT emission limitation or MACT requirements recommended by the applicant and approved by the director shall not be less stringent than the emission control which is achieved in practice by the best controlled similar source, as determined by the director.	3704.03(F)	Fed	CAA Section 112(j)	SIP	Yes	No
3745-31-28	(E)(2)	shall	the MACT emission limitation and control technology recommended by the applicant and approved by the director shall achieve the maximum degree of reduction of HAP emissions . . .	3704.03(F)	Fed	CAA Section 112(j)	SIP	Yes	No
3745-31-28	(E)(4)	shall	the MACT requirements applied to the source shall have considered those emission limitations and requirements of the proposed MACT standard or presumptive MACT determination.	3704.03(F)	Fed	CAA Section 112(j)	SIP	Yes	No
3745-31-28	(E)(5)	shall	Any permit-to-install containing a MACT determination shall include all monitoring, testing, recordkeeping, and reporting requirements necessary to ensure initial and ongoing compliance of the major MACT source with the MACT determination.	3704.03(F)	Fed	CAA Section 112(j)	SIP	Yes	Yes
3745-31-28	(G)	shall	The effective date of the MACT determination shall be the date of issuance of the permit-to-install.	3704.03(F)	Fed	CAA Section 112(j)	SIP	Yes	Yes
3745-31-28	(H)	required	On and after the date of start-up, a major MACT source which required a case-by-case MACT determination shall be in compliance with all the applicable requirements of the MACT determination as specified in the final permit-to-install.	3704.03(F)	Fed	CAA Section 112(j)	SIP	Yes	No
3745-31-28	(H)	shall	On and after the date of start-up, a major MACT source which required a case-by-case MACT determination shall be in compliance with all the applicable requirements of the MACT determination as specified in the final permit-to-install.	3704.03(F)	Fed	CAA Section 112(j)	SIP	Yes	No
3745-31-29	(A)(1)	shall	A model general permit shall apply to the following:	3704.03(F),3704.03(G)	Fed	CAA Section 110(a)	SIP	Yes	Yes
3745-31-29	(A)(2)	shall	A model general permit shall identify criteria by which an air contaminant source may qualify for the associated general permit . . .	3704.03(F),3704.03(G)	Fed	CAA Section 110(a)	SIP	Yes	Yes
3745-31-29	(A)(2)	shall	and shall include terms and conditions under which the owner or operator agrees to install and/or operate the permitted air contaminant source.	3704.03(F),3704.03(G)	Fed	CAA Section 110(a)	SIP	Yes	Yes
3745-31-29	(A)(2)	shall	At a minimum, these terms and conditions shall include the following:	3704.03(F),3704.03(G)	Fed	CAA Section 110(a)	SIP	Yes	Yes
3745-31-29	(A)(3)	shall	The director shall provide an opportunity for public comment on the form and content of a model general permit as follows:	3704.03(F),3704.03(G)	Fed	CAA Section 110(a)	SIP	Yes	Yes
3745-31-29	(A)(3)(a)	shall	The director shall announce availability for comment on draft model general permits under development...	3704.03(F),3704.03(G)	Fed	CAA Section 110(a)	SIP	Yes	Yes
3745-31-29	(A)(3)(a)	shall	The director shall publish notice...	3704.03(F),3704.03(G)	Fed	CAA Section 110(a)	SIP	Yes	Yes
3745-31-29	(A)(3)(b)	shall	The director shall announce the final form of model general permits that were under development by publishing notice in...	3704.03(F),3704.03(G)	Fed	CAA Section 110(a)	SIP	Yes	Yes
3745-31-29	(A)(4)	shall	Model general permits shall be reviewed at least once every five years from the date of announcement of the final form.	3704.03(F),3704.03(G)	Fed	CAA Section 110(a)	SIP	Yes	Yes
3745-31-29	(A)(4)(a)	shall	The review of the model general permit shall follow the same procedures for public comment as...	3704.03(F),3704.03(G)	Fed	CAA Section 110(a)	SIP	Yes	Yes
3745-31-29	(A)(5)	shall	Modifications to model general permits shall follow the same procedures...	3704.03(F),3704.03(G)	Fed	CAA Section 110(a)	SIP	Yes	Yes
3745-31-29	(C)(1)	shall	Owners or operators of air contaminant sources requesting a general permit-to-install or general PTIO shall do so using the forms prepared by the Ohio environmental protection agency.	3704.03(F),3704.03(G)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-31-29	(C)(2)	shall	The application submitted shall comply with the requirements listed under rule 3745-31-04...	3704.03(F),3704.03(G)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-31-29	(D)(1)	shall	The director, at the director's discretion, shall issue either a draft action or a final action within forty-five days...	3704.03(F),3704.03(G)	Fed	CAA Section 110(a)	SIP	Yes	Yes
3745-31-29	(D)(2)	shall	The director shall comply with the procedures for notification under Chapter 3745-49 of the Administrative Code prior to issuing a general permit-to-install or general PTIO as follows:	3704.03(F),3704.03(G)	Fed	CAA Section 110(a)	SIP	Yes	Yes
3745-31-29	(D)(2)(a)	shall	The director shall provide notification of requests by owners or operators of an air contaminant source to be covered under the terms of the general permit-to-install or general PTIO.	3704.03(F),3704.03(G)	Fed	CAA Section 110(a)	SIP	Yes	Yes
3745-31-29	(D)(2)(a)	shall	The director shall publish notice in a newspaper of general circulation in each county in which the air contaminant source would be constructed, and provide electronic notification to interested parties.	3704.03(F),3704.03(G)	Fed	CAA Section 110(a)	SIP	Yes	Yes

OAC Rule #	Paragraph	Restriction	Description/Quotation	Statutory Authority	State or Fed Law?	If Fed, crosswalk?	Federally delegated program?	Removal would require state or federal law change?	Requirement on the agency or director?
3745-31-29	(D)(2)(b)	shall	The director shall maintain, and make available to the public upon request, a list of all air contaminant source that have obtained a general permit-to-install or general PTIO.	3704.03(F),3704.03(G)	Fed	CAA Section 110(a)	SIP	Yes	Yes
3745-31-29	(D)(4)	shall	Authorization to construct under the general permit-to-install or general PTIO shall be granted by the director in the form of a final permit action.	3704.03(F),3704.03(G)	Fed	CAA Section 110(a)	SIP	Yes	Yes
3745-31-29	(G)	shall	A general PTIO shall be effective for a period of time consistent with the requirements of division (F) of section 3704.03 of the Revised Code.	3704.03(F),3704.03(G)	Fed	CAA Section 110(a)	SIP	Yes	Yes
3745-31-29	(H)(1)	shall	...The owner or operator shall submit an application with reasons supporting the request...	3704.03(F),3704.03(G)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-31-29	(I)	shall	An air contaminant source's owner or operator who requests and is granted authority to install under a general permit-to-install or general PTIO shall be subject to enforcement...	3704.03(F),3704.03(G)	Fed	CAA Section 110(a)	SIP	Yes	Yes
3745-31-29	(C)(1)	must	The application must include all information necessary to determine qualification for, and to assure compliance with, the general permit-to-install or general PTIO.	3704.03(F),3704.03(G)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-31-29	(F)(1)	must	...the owner or operator must apply for and obtain either a general permit-to-install...	3704.03(F),3704.03(G)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-31-29	(F)(2)	must	...the owner or operator must apply for and obtain either a general permit-to-install...	3704.03(F),3704.03(G)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-31-29	(F)(3)	must	...the owner or operator must submit a request to the director, with supporting documentation, for that request.	3704.03(F),3704.03(G)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-31-29	(E)	required	...the air contaminant source's owner or operator has been granted the authorization required by the director under paragraph (D)(4) of this rule.	3704.03(F),3704.03(G)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-31-29	(D)(1)	require	The director does not need to meet the forty-five day deadline for applications from air contaminant sources that do not require authorization to construct...	3704.03(F),3704.03(G)	Fed	CAA Section 110(a)	SIP	Yes	Yes
3745-31-29	(D)(3)	require	The director may require any applicant applying for a general permit-to-install or general PTIO to apply for and obtain an individual permit...	3704.03(F),3704.03(G)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-31-29	(E)	may not	The owner or operator of a new or modified air contaminant source that qualifies for a general permit-to-install or general PTIO may not begin actual construction...	3704.03(F),3704.03(G)	Fed	CAA Section 110(a)	SIP	Yes	No
3745-31-32	pre-(A)	shall	All PALs issued under this rule shall meet all applicable provisions in this rule.	3704.03(F)	Fed	40 CFR 51.165(f) and 40 CFR 52.21(aa)	SIP	Yes	No
3745-31-32	(A)(1)	shall	The term PAL shall mean actuals PAL throughout this rule.	3704.03(F)	Fed	40 CFR 51.165(f) and 40 CFR 52.21(aa)	SIP	Yes	No
3745-31-32	(A)(2)	shall not	The director shall not allow an actuals PAL for VOC or nitrogen oxides for any major stationary source located in an extreme ozone nonattainment area.	3704.03(F)	Fed	40 CFR 51.165(f) and 40 CFR 52.21(aa)	SIP	Yes	Yes
3745-31-32	(A)(4)	shall	Except as provided under paragraph (A)(3)(c) of this rule, a major stationary source shall continue to comply with ...	3704.03(F)	Fed	40 CFR 51.165(f) and 40 CFR 52.21(aa)	SIP	Yes	No
3745-31-32	(B)	shall	As part of a permit application requesting a PAL, the owner or operator of a major stationary source shall submit the following...	3704.03(F)	Fed	40 CFR 51.165(f) and 40 CFR 52.21(aa)	SIP	Yes	No
3745-31-32	(B)(1)	shall	...the owner or operator of the source shall indicate which, if any, federal or state applicable requirements...	3704.03(F)	Fed	40 CFR 51.165(f) and 40 CFR 52.21(aa)	SIP	Yes	No
3745-31-32	(B)(3)	required	...annual emissions based on a twelve-month rolling total for each month as required by paragraph (L)(1) of this rule.	3704.03(F)	Fed	40 CFR 51.165(f) and 40 CFR 52.21(aa)	SIP	Yes	No
3745-31-32	(C)(1)	shall	The requirements under this paragraph, at a minimum, shall be met for each PAL at a major stationary source:	3704.03(F)	Fed	40 CFR 51.165(f) and 40 CFR 52.21(aa)	SIP	Yes	No
3745-31-32	(C)(1)(a)	shall	The PAL shall impose an annual emission limitation...	3704.03(F)	Fed	40 CFR 51.165(f) and 40 CFR 52.21(aa)	SIP	Yes	No
3745-31-32	(C)(1)(a)	shall	...the major stationary source owner or operator shall show that the sum of the monthly emissions...	3704.03(F)	Fed	40 CFR 51.165(f) and 40 CFR 52.21(aa)	SIP	Yes	No
3745-31-32	(C)(1)(a)	shall	...the major stationary source owner or operator shall show that the sum of the preceding monthly emissions...	3704.03(F)	Fed	40 CFR 51.165(f) and 40 CFR 52.21(aa)	SIP	Yes	No
3745-31-32	(C)(1)(b)	shall	The PAL shall be established in a PAL permit that meets the requirements in paragraph (D) of this rule.	3704.03(F)	Fed	40 CFR 51.165(f) and 40 CFR 52.21(aa)	SIP	Yes	Yes
3745-31-32	(C)(1)(c)	shall	The PAL permit shall contain all the requirements of paragraph (F) of this rule.	3704.03(F)	Fed	40 CFR 51.165(f) and 40 CFR 52.21(aa)	SIP	Yes	Yes
3745-31-32	(C)(1)(d)	shall	The PAL shall include fugitive emissions, to the extent quantifiable, from all emissions units...	3704.03(F)	Fed	40 CFR 51.165(f) and 40 CFR 52.21(aa)	SIP	Yes	Yes
3745-31-32	(C)(1)(e)	shall	Each PAL shall regulate emissions of only one pollutant.	3704.03(F)	Fed	40 CFR 51.165(f) and 40 CFR 52.21(aa)	SIP	Yes	Yes
3745-31-32	(C)(1)(f)	shall	Each PAL shall have a PAL effective period of ten years.	3704.03(F)	Fed	40 CFR 51.165(f) and 40 CFR 52.21(aa)	SIP	Yes	Yes
3745-31-32	(C)(1)(g)	shall	The owner or operator of the major stationary source with a PAL shall comply with...	3704.03(F)	Fed	40 CFR 51.165(f) and 40 CFR 52.21(aa)	SIP	Yes	No
3745-31-32	(D)(1)	shall	The director shall issue all typographical/calculation error reopenings (as described in paragraph (G)(2)(a) of this rule) to PAL permits as...	3704.03(F)	Fed	40 CFR 51.165(f) and 40 CFR 52.21(aa)	SIP	Yes	Yes
3745-31-32	(D)(2)	shall	The director shall issue all PAL permits not otherwise described in paragraph (D)(1) of this rule as draft actions...	3704.03(F)	Fed	40 CFR 51.165(f) and 40 CFR 52.21(aa)	SIP	Yes	Yes
3745-31-32	(E)(1)	shall	...the actuals PAL level for a major stationary source shall be established as the sum of the baseline actual emissions...	3704.03(F)	Fed	40 CFR 51.165(f) and 40 CFR 52.21(aa)	SIP	Yes	No
3745-31-32	(E)(1)	must	When establishing the actuals PAL level, for a PAL pollutant, only one consecutive twenty-four-month period must be used to determine the baseline actual emissions...	3704.03(F)	Fed	40 CFR 51.165(f) and 40 CFR 52.21(aa)	SIP	Yes	No
3745-31-32	(E)(1)	must	Emissions associated with emissions units that were permanently shutdown after this twenty-four-month period must be subtracted from the PAL level.	3704.03(F)	Fed	40 CFR 51.165(f) and 40 CFR 52.21(aa)	SIP	Yes	No

OAC Rule #	Paragraph	Restriction	Description/Quotation	Statutory Authority	State or Fed Law?	If Fed, crosswalk?	Federally delegated program?	Removal would require state or federal law change?	Requirement on the agency or director?
3745-31-32	(E)(1)	must	Emissions from emissions units on which actual construction began after the twenty-four-month period must be added to the PAL level in an amount equal to the potential to emit of the units.	3704.03(F)	Fed	40 CFR 51.165(f) and 40 CFR 52.21(aa)	SIP	Yes	No
3745-31-32	(E)(1)	shall	The director shall specify a reduced PAL level, in tons per year, in the PAL permit to become effective on the future compliance date...	3704.03(F)	Fed	40 CFR 51.165(f) and 40 CFR 52.21(aa)	SIP	Yes	Yes
3745-31-32	(E)(1)	required	For instance, if the source owner or operator will be required to reduce emissions from industrial boilers in half from baseline emissions...	3704.03(F)	Fed	40 CFR 51.165(f) and 40 CFR 52.21(aa)	SIP	Yes	No
3745-31-32	(E)(1)	shall	...then the PAL permit shall contain a future effective...	3704.03(F)	Fed	40 CFR 51.165(f) and 40 CFR 52.21(aa)	SIP	Yes	Yes
3745-31-32	(E)(2)	must	...in lieu of adding the baseline actual emissions as specified in paragraph (E)(1) of this rule, the emissions must be added to...	3704.03(F)	Fed	40 CFR 51.165(f) and 40 CFR 52.21(aa)	SIP	Yes	No
3745-31-32	(F)	shall	The PAL permit shall contain, at a minimum, the following information:	3704.03(F)	Fed	40 CFR 51.165(f) and 40 CFR 52.21(aa)	SIP	Yes	Yes
3745-31-32	(F)(3)	shall	...the PAL shall not expire at the end of the PAL effective period.	3704.03(F)	Fed	40 CFR 51.165(f) and 40 CFR 52.21(aa)	SIP	Yes	Yes
3745-31-32	(F)(3)	shall	It shall remain in effect until a revised PAL permit is issued by the director.	3704.03(F)	Fed	40 CFR 51.165(f) and 40 CFR 52.21(aa)	SIP	Yes	Yes
3745-31-32	(F)(6)	shall	The calculation procedures that the major stationary source owner or operator shall use to convert the monitoring system data...	3704.03(F)	Fed	40 CFR 51.165(f) and 40 CFR 52.21(aa)	SIP	Yes	Yes
3745-31-32	(F)(6)	required	...annual emissions based on a twelve-month rolling total for each month as required by paragraph (L)(1) of this rule.	3704.03(F)	Fed	40 CFR 51.165(f) and 40 CFR 52.21(aa)	SIP	Yes	Yes
3745-31-32	(F)(8)	required	A requirement to retain the records required under paragraph (L) of this rule on site. Such records may be retained in an electronic format.	3704.03(F)	Fed	40 CFR 51.165(f) and 40 CFR 52.21(aa)	SIP	Yes	Yes
3745-31-32	(F)(9)	required	A requirement to submit the reports required under paragraph (M) of this rule by the required deadlines.	3704.03(F)	Fed	40 CFR 51.165(f) and 40 CFR 52.21(aa)	SIP	Yes	Yes
3745-31-32	(F)(9)	required	A requirement to submit the reports required under paragraph (M) of this rule by the required deadlines.	3704.03(F)	Fed	40 CFR 51.165(f) and 40 CFR 52.21(aa)	SIP	Yes	Yes
3745-31-32	(G)(1)	shall	A PAL shall have an effective period of ten years.	3704.03(F)	Fed	40 CFR 51.165(f) and 40 CFR 52.21(aa)	SIP	Yes	Yes
3745-31-32	(G)(2)(a)	shall	During the PAL effective period, the director shall reopen the PAL permit to:	3704.03(F)	Fed	40 CFR 51.165(f) and 40 CFR 52.21(aa)	SIP	Yes	Yes
3745-31-32	(G)(2)(c)	shall	...all other reopenings shall be carried out in accordance with the public participation requirements of paragraph (D) of this rule.	3704.03(F)	Fed	40 CFR 51.165(f) and 40 CFR 52.21(aa)	SIP	Yes	Yes
3745-31-32	(H)	shall	Any PAL that is not renewed in accordance with the procedures in paragraph (I) of this rule shall expire...	3704.03(F)	Fed	40 CFR 51.165(f) and 40 CFR 52.21(aa)	SIP	Yes	No
3745-31-32	(H)	shall	and the following shall apply.	3704.03(F)	Fed	40 CFR 51.165(f) and 40 CFR 52.21(aa)	SIP	Yes	No
3745-31-32	(H)(1)	shall	Each emissions unit (or each group of emissions units) that existed under the PAL shall comply with an allowable emission limitation...	3704.03(F)	Fed	40 CFR 51.165(f) and 40 CFR 52.21(aa)	SIP	Yes	No
3745-31-32	(H)(1)(a)	shall	Within the time frame specified for PAL renewals in paragraph (I)(2) of this rule, the major stationary source shall submit a proposed allowable emission limitation...	3704.03(F)	Fed	40 CFR 51.165(f) and 40 CFR 52.21(aa)	SIP	Yes	No
3745-31-32	(H)(1)(a)	required	...If the PAL had not yet been adjusted for an applicable requirement that became effective during the PAL effective period, as required under paragraph (I)(5)...	3704.03(F)	Fed	40 CFR 51.165(f) and 40 CFR 52.21(aa)	SIP	Yes	No
3745-31-32	(H)(1)(a)	shall	...such distribution shall be made as if the PAL had been adjusted.	3704.03(F)	Fed	40 CFR 51.165(f) and 40 CFR 52.21(aa)	SIP	Yes	No
3745-31-32	(H)(1)(b)	shall	The director shall decide whether and how the PAL allowable emissions will be distributed and issue a revised permit...	3704.03(F)	Fed	40 CFR 51.165(f) and 40 CFR 52.21(aa)	SIP	Yes	Yes
3745-31-32	(H)(2)	shall	Each emissions unit shall comply with the allowable emission limitation on a twelve-month rolling basis.	3704.03(F)	Fed	40 CFR 51.165(f) and 40 CFR 52.21(aa)	SIP	Yes	No
3745-31-32	(H)(3)	required	Until the director issues the revised permit incorporating allowable limits for each emissions unit, or each group of emissions units, as required under paragraph (H)(1)(a) of this rule,...	3704.03(F)	Fed	40 CFR 51.165(f) and 40 CFR 52.21(aa)	SIP	Yes	Yes
3745-31-32	(H)(3)	shall	...the source shall continue to comply with a source-wide, multi-unit emissions cap equivalent to the level of the PAL emission limitation.	3704.03(F)	Fed	40 CFR 51.165(f) and 40 CFR 52.21(aa)	SIP	Yes	No
3745-31-32	(H)(5)	shall	The major stationary source owner or operator shall continue to comply with any state or federal applicable requirements...	3704.03(F)	Fed	40 CFR 51.165(f) and 40 CFR 52.21(aa)	SIP	Yes	No
3745-31-32	(I)(1)	shall	The director shall follow the procedures specified in paragraph (D) of this rule in approving any request to renew a PAL...	3704.03(F)	Fed	40 CFR 51.165(f) and 40 CFR 52.21(aa)	SIP	Yes	Yes
3745-31-32	(I)(1)	shall	The director... and shall provide both the proposed PAL level and a written rationale for the proposed PAL level to the public for review and comment.	3704.03(F)	Fed	40 CFR 51.165(f) and 40 CFR 52.21(aa)	SIP	Yes	Yes
3745-31-32	(I)(2)	shall	A major stationary source owner or operator shall submit a timely application to the director to request renewal of a PAL.	3704.03(F)	Fed	40 CFR 51.165(f) and 40 CFR 52.21(aa)	SIP	Yes	No
3745-31-32	(I)(2)	shall	. . . If the owner or operator of a major stationary source submits a complete application to renew the PAL within this time period, then the PAL shall continue to be effective until the revised PAL permit with the renewed PAL is issued.	3704.03(F)	Fed	40 CFR 51.165(f) and 40 CFR 52.21(aa)	SIP	Yes	No
3745-31-32	(I)(3)	shall	The application to renew a PAL permit shall contain the following information:	3704.03(F)	Fed	40 CFR 51.165(f) and 40 CFR 52.21(aa)	SIP	Yes	No
3745-31-32	(I)(3)(a)	required	The information required under paragraph (B) of this rule.	3704.03(F)	Fed	40 CFR 51.165(f) and 40 CFR 52.21(aa)	SIP	Yes	No
3745-31-32	(I)(4)	shall	In determining whether and how to adjust the PAL, the director shall consider the following options:	3704.03(F)	Fed	40 CFR 51.165(f) and 40 CFR 52.21(aa)	SIP	Yes	Yes
3745-31-32	(I)(4)(c)(i)	shall	...the director shall adjust the PAL to a level no greater than the potential to emit of the source.	3704.03(F)	Fed	40 CFR 51.165(f) and 40 CFR 52.21(aa)	SIP	Yes	Yes
3745-31-32	(I)(4)(c)(ii)	shall not	The director shall not approve a renewed PAL level higher than the current PAL, unless...	3704.03(F)	Fed	40 CFR 51.165(f) and 40 CFR 52.21(aa)	SIP	Yes	Yes

OAC Rule #	Paragraph	Restriction	Description/Quotation	Statutory Authority	State or Fed Law?	If Fed, crosswalk?	Federally delegated program?	Removal would require state or federal law change?	Requirement on the agency or director?
3745-31-32	(I)(5)	shall	If the compliance date for a state or federal requirement that applies to the PAL source occurs during the PAL effective period, and if the director has not already adjusted for such requirement, the PAL shall be adjusted at the time of PAL permit renewal or Title V permit renewal, whichever occurs first.	3704.03(F)	Fed	40 CFR 51.165(f) and 40 CFR 52.21(aa)	SIP	Yes	Yes
3745-31-32	(J)(1)(a)	shall	The owner or operator of the major stationary source shall submit a complete application...	3704.03(F)	Fed	40 CFR 51.165(f) and 40 CFR 52.21(aa)	SIP	Yes	No
3745-31-32	(J)(1)(a)	shall	...Such application shall identify the emissions unit contributing to the increase in emissions...	3704.03(F)	Fed	40 CFR 51.165(f) and 40 CFR 52.21(aa)	SIP	Yes	No
3745-31-32	(J)(1)(b)	shall	As part of this application, the major stationary source owner or operator shall demonstrate that the sum of the baseline actual emissions...	3704.03(F)	Fed	40 CFR 51.165(f) and 40 CFR 52.21(aa)	SIP	Yes	No
3745-31-32	(J)(1)(b)	shall	The level of control that would result from BACT equivalent controls on each PAL significant or PAL major emissions unit shall be determined by conducting a new BACT analysis at the time the application is submitted...	3704.03(F)	Fed	40 CFR 51.165(f) and 40 CFR 52.21(aa)	SIP	Yes	No
3745-31-32	(J)(1)(b)	required	...unless the emissions unit is currently required to comply with a BACT or LAER requirement that was established within the preceding ten years.	3704.03(F)	Fed	40 CFR 51.165(f) and 40 CFR 52.21(aa)	SIP	Yes	No
3745-31-32	(J)(1)(b)	shall	In such a case, the assumed control level for that emissions unit shall be equal to the level of BACT or LAER with which that emissions unit must currently comply.	3704.03(F)	Fed	40 CFR 51.165(f) and 40 CFR 52.21(aa)	SIP	Yes	No
3745-31-32	(J)(1)(b)	must	In such a case, the assumed control level for that emissions unit shall be equal to the level of BACT or LAER with which that emissions unit must currently comply.	3704.03(F)	Fed	40 CFR 51.165(f) and 40 CFR 52.21(aa)	SIP	Yes	No
3745-31-32	(J)(1)(c)	shall	...These emissions unit shall comply with any emissions requirements resulting from the major NSR program process...	3704.03(F)	Fed	40 CFR 51.165(f) and 40 CFR 52.21(aa)	SIP	Yes	No
3745-31-32	(J)(1)(d)	shall	The PAL permit shall require . . .	3704.03(F)	Fed	40 CFR 51.165(f) and 40 CFR 52.21(aa)	SIP	Yes	Yes
3745-31-32	(J)(1)(d)	require	The PAL permit shall require . . .	3704.03(F)	Fed	40 CFR 51.165(f) and 40 CFR 52.21(aa)	SIP	Yes	Yes
3745-31-32	(J)(1)(d)	shall	...that the increased PAL level shall be effective on the day any emissions unit that is part of the PAL major modification becomes operational and begins to emit the PAL pollutant.	3704.03(F)	Fed	40 CFR 51.165(f) and 40 CFR 52.21(aa)	SIP	Yes	Yes
3745-31-32	(J)(2)	shall	The director shall calculate the new PAL as the sum of the PAL allowable emissions for each modified or new emissions unit...	3704.03(F)	Fed	40 CFR 51.165(f) and 40 CFR 52.21(aa)	SIP	Yes	Yes
3745-31-32	(J)(3)	shall	The PAL permit shall be revised to reflect the increased PAL level pursuant to the public notice requirements...	3704.03(F)	Fed	40 CFR 51.165(f) and 40 CFR 52.21(aa)	SIP	Yes	Yes
3745-31-32	(K)(1)(a)	must	Each PAL permit must contain enforceable requirements for the monitoring system...	3704.03(F)	Fed	40 CFR 51.165(f) and 40 CFR 52.21(aa)	SIP	Yes	No
3745-31-32	(K)(1)(a)	must	Any monitoring system authorized for use in the PAL permit must be based on...	3704.03(F)	Fed	40 CFR 51.165(f) and 40 CFR 52.21(aa)	SIP	Yes	No
3745-31-32	(K)(1)(a)	must	Additionally, the information generated by such system must meet minimum legal requirements...	3704.03(F)	Fed	40 CFR 51.165(f) and 40 CFR 52.21(aa)	SIP	Yes	No
3745-31-32	(K)(1)(b)	must	The PAL monitoring system must employ one or more of the four general monitoring...	3704.03(F)	Fed	40 CFR 51.165(f) and 40 CFR 52.21(aa)	SIP	Yes	No
3745-31-32	(K)(1)(b)	must	. . . and must be approved by the director.	3704.03(F)	Fed	40 CFR 51.165(f) and 40 CFR 52.21(aa)	SIP	Yes	Yes
3745-31-32	(K)(3)	shall	An owner or operator using mass balance calculations to monitor PAL pollutant emissions from activities using coating or solvents shall meet the following:	3704.03(F)	Fed	40 CFR 51.165(f) and 40 CFR 52.21(aa)	SIP	Yes	No
3745-31-32	(K)(3)(c)	must	...the owner or operator must use the highest value of the range to calculate the PAL...	3704.03(F)	Fed	40 CFR 51.165(f) and 40 CFR 52.21(aa)	SIP	Yes	No
3745-31-32	(K)(4)	shall	An owner or operator using mass balance calculations to monitor PAL pollutant emissions from activities using coating or solvents shall meet the following:	3704.03(F)	Fed	40 CFR 51.165(f) and 40 CFR 52.21(aa)	SIP	Yes	No
3745-31-32	(K)(4)(a)	must	CEMS must comply with applicable performance specifications found in 40 CFR Part 60, Appendix B.	3704.03(F)	Fed	40 CFR 51.165(f) and 40 CFR 52.21(aa)	SIP	Yes	No
3745-31-32	(K)(4)(b)	must	CEMS must sample, analyze and record data at least every fifteen minutes while the emissions unit is operating.	3704.03(F)	Fed	40 CFR 51.165(f) and 40 CFR 52.21(aa)	SIP	Yes	No
3745-31-32	(K)(5)	shall	An owner or operator using CPMS or PEMS to monitor PAL pollutant emissions shall meet the following:	3704.03(F)	Fed	40 CFR 51.165(f) and 40 CFR 52.21(aa)	SIP	Yes	No
3745-31-32	(K)(5)(a)	must	The CPMS or the PEMS must be based on current site-specific data...	3704.03(F)	Fed	40 CFR 51.165(f) and 40 CFR 52.21(aa)	SIP	Yes	No
3745-31-32	(K)(5)(b)	must	Each CPMS or PEMS must sample, analyze, and record data at least every fifteen minutes...	3704.03(F)	Fed	40 CFR 51.165(f) and 40 CFR 52.21(aa)	SIP	Yes	No
3745-31-32	(K)(6)	shall	An owner or operator using emission factors to monitor PAL pollutant emissions shall meet the following:	3704.03(F)	Fed	40 CFR 51.165(f) and 40 CFR 52.21(aa)	SIP	Yes	No
3745-31-32	(K)(6)(a)	shall	All emission factors shall be adjusted, if appropriate, to account for the degree of uncertainty or limitations in the factors' development.	3704.03(F)	Fed	40 CFR 51.165(f) and 40 CFR 52.21(aa)	SIP	Yes	No
3745-31-32	(K)(6)(b)	shall	The emissions unit shall operate within the designated range of use for the emission factor, if applicable.	3704.03(F)	Fed	40 CFR 51.165(f) and 40 CFR 52.21(aa)	SIP	Yes	No
3745-31-32	(K)(6)(c)	shall	...the owner or operator of a PAL significant emissions unit that relies on an emission factor to calculate PAL pollutant emissions shall conduct validation testing...	3704.03(F)	Fed	40 CFR 51.165(f) and 40 CFR 52.21(aa)	SIP	Yes	No
3745-31-32	(K)(6)(c)	required	...conduct validation testing to determine a site-specific emission factor within six months of PAL permit issuance, unless the director determines that testing is not required .	3704.03(F)	Fed	40 CFR 51.165(f) and 40 CFR 52.21(aa)	SIP	Yes	Yes
3745-31-32	(K)(7)	must	A source owner or operator must record and report maximum potential emissions...	3704.03(F)	Fed	40 CFR 51.165(f) and 40 CFR 52.21(aa)	SIP	Yes	No
3745-31-32	(K)(8)	shall	...the director shall , at the time of PAL permit issuance, do the following:	3704.03(F)	Fed	40 CFR 51.165(f) and 40 CFR 52.21(aa)	SIP	Yes	Yes
3745-31-32	(K)(9)	must	All data used to establish the PAL pollutant must be re-validated through performance testing...	3704.03(F)	Fed	40 CFR 51.165(f) and 40 CFR 52.21(aa)	SIP	Yes	No
3745-31-32	(K)(9)	must	...Such testing must occur at least once every five years after issuance of the PAL.	3704.03(F)	Fed	40 CFR 51.165(f) and 40 CFR 52.21(aa)	SIP	Yes	No
3745-31-32	(L)(1)	shall	The PAL permit shall require an owner or operator to retain a copy...	3704.03(F)	Fed	40 CFR 51.165(f) and 40 CFR 52.21(aa)	SIP	Yes	No
3745-31-32	(L)(1)	require	The PAL permit shall require an owner or operator to retain a copy...	3704.03(F)	Fed	40 CFR 51.165(f) and 40 CFR 52.21(aa)	SIP	Yes	No
3745-31-32	(L)(2)	shall	The PAL permit shall require an owner or operator to retain a copy...	3704.03(F)	Fed	40 CFR 51.165(f) and 40 CFR 52.21(aa)	SIP	Yes	No
3745-31-32	(L)(2)	require	The PAL permit shall require an owner or operator to retain a copy...	3704.03(F)	Fed	40 CFR 51.165(f) and 40 CFR 52.21(aa)	SIP	Yes	No

OAC Rule #	Paragraph	Restriction	Description/Quotation	Statutory Authority	State or Fed Law?	If Fed, crosswalk?	Federally delegated program?	Removal would require state or federal law change?	Requirement on the agency or director?
3745-31-32	(M)	shall	The owner or operator shall submit semi-annual monitoring reports and prompt deviation reports...	3704.03(F)	Fed	40 CFR 51.165(f) and 40 CFR 52.21(aa)	SIP	Yes	No
3745-31-32	(M)	shall	The reports shall meet the following:	3704.03(F)	Fed	40 CFR 51.165(f) and 40 CFR 52.21(aa)	SIP	Yes	No
3745-31-32	(M)(1)	shall	The semi-annual report shall be submitted to the director within thirty days of the end of each reporting period.	3704.03(F)	Fed	40 CFR 51.165(f) and 40 CFR 52.21(aa)	SIP	Yes	No
3745-31-32	(M)(1)	shall	This report shall contain the following information:	3704.03(F)	Fed	40 CFR 51.165(f) and 40 CFR 52.21(aa)	SIP	Yes	No
3745-31-32	(M)(2)	shall	The major stationary source owner or operator shall promptly submit reports of any deviations or exceedance of the PAL requirements...	3704.03(F)	Fed	40 CFR 51.165(f) and 40 CFR 52.21(aa)	SIP	Yes	No
3745-31-32	(M)(2)	shall	A report submitted pursuant to paragraph (A)(3)(c)(iii) of rule 3745-77-07 of the Administrative Code shall satisfy this reporting requirement.	3704.03(F)	Fed	40 CFR 51.165(f) and 40 CFR 52.21(aa)	SIP	Yes	No
3745-31-32	(M)(2)	shall	The deviation reports shall be submitted within the time limits prescribed by the rule 3745-77-07 of the Administrative Code.	3704.03(F)	Fed	40 CFR 51.165(f) and 40 CFR 52.21(aa)	SIP	Yes	No
3745-31-32	(M)(2)	shall	The reports shall contain the following information:	3704.03(F)	Fed	40 CFR 51.165(f) and 40 CFR 52.21(aa)	SIP	Yes	No
3745-31-32	(M)(3)	shall	The owner or operator shall submit to the director the results of any re-validation test...	3704.03(F)	Fed	40 CFR 51.165(f) and 40 CFR 52.21(aa)	SIP	Yes	No
3745-31-33	(A)	shall not	...new air contaminant sources or modified air contaminant sources shall not be installed or modified until a final permit-to-install or PTIO is obtained from the director.	3704.03(F), 3704.03(G)	State	N/A	No	Yes	No
3745-31-33	(A) [Comment]	may not	Comment: Some activities described in this rule may not begin until any applicable national pollutant discharge elimination system (NPDES) permit, isolated wetland permit or 401 water quality certification is obtained.	3704.03(F), 3704.03(G)	State	N/A	No	Yes	No
3745-31-33	(B)(3)	may not	... Any costs associated with these design changes may not be used as part of any BAT, BACT, LAER or MACT determination cost-effectiveness evaluations.	3704.03(F), 3704.03(G)	State	N/A	No	Yes	No
3745-31-33	(C)	must	All construction activities must comply with any applicable fugitive dust requirements contained in rule 3745-17-08 of the Administrative Code.	3704.03(F), 3704.03(G)	State	N/A	No	Yes	No
3745-31-33	(F)(5)	required	Installing any permanent roadways and parking areas not required under this chapter to obtain a permit-to-install or PTIO.	3704.03(F), 3704.03(G)	State	N/A	No	Yes	No
3745-31-33	(F)(8)(a)	shall not	...The equipment shall not be operated.	3704.03(F), 3704.03(G)	State	N/A	No	Yes	No
3745-31-33	(F)(8)(b)	shall not	...The equipment shall not be operated.	3704.03(F), 3704.03(G)	State	N/A	No	Yes	No
3745-31-33	(G)	shall	...Any activity approved by the director shall meet the requirements described in division (F)(5) of section 3704.03 of the Revised Code...	3704.03(F), 3704.03(G)	State	N/A	No	Yes	No
3745-31-33	(G)	shall	...and shall meet all applicable law.	3704.03(F), 3704.03(G)	State	N/A	No	Yes	No
3745-31-33	(G)	shall	A request for approval of these activities shall be made in writing...	3704.03(F), 3704.03(G)	State	N/A	No	Yes	No
3745-31-33	(G)	shall	...and shall provide: a detailed description of the desired activities...	3704.03(F), 3704.03(G)	State	N/A	No	Yes	No
3745-31-34	(A)	shall	...permits-to-install ... shall be required as provided in this rule and only to the extent required in 40 CFR Section 51.166.	3704.03(F), 3704.03(G)	Fed	40 CFR 51.166	Yes	Yes	No
3745-31-34	(A)	shall	After July 1, 2011, permits to install ... shall be required as provided in this rule and only to the extent required in 40 CFR Section 51.166.	3704.03(F), 3704.03(G)	Fed	40 CFR 51.166	Yes	Yes	No
3745-31-34	(A)	required	. . . shall be required as provided in this rule . . .	3704.03(F), 3704.03(G)	Fed	40 CFR 51.166	Yes	Yes	No
3745-31-34	(A)	required	. . . and only to the extent required in 40 CFR Section 51.166.	3704.03(F), 3704.03(G)	Fed	40 CFR 51.166	Yes	Yes	No
3745-31-34	(A)	shall	..."CO2 equivalent emissions" and "greenhouse gases" shall have the same meaning as set forth in 40 CFR 51.166.	3704.03(F), 3704.03(G)	Fed	40 CFR 51.166	Yes	Yes	No
3745-31-34	(A)	required	. . . shall be required as provided in this rule . . .	3704.03(F), 3704.03(G)	Fed	40 CFR 51.166	Yes	Yes	No
3745-31-34	(A)	required	. . . and only to the extent required in 40 CFR Section 51.166.	3704.03(F), 3704.03(G)	Fed	40 CFR 51.166	Yes	Yes	No
3745-31-34	(B)	shall	For purposes of this rule, any new stationary source for which actual CO2 equivalent emissions of greenhouse gases do not exceed one hundred thousand tons per year after July 1, 2011, and any existing major stationary source for which the increase and net emissions increase of actual CO2 equivalent emissions of greenhouse gases do not exceed seventy-five thousand tons per year caused by a physical change or change in the method of operation that occurs after July 1, 2011, shall be deemed to have the potential to emit below the greenhouse gas permitting thresholds set forth in paragraph (A)...	3704.03(F), 3704.03(G)	Fed	40 CFR 51.166	Yes	Yes	No
3745-31-34	(C)	shall	This rule and any terms or conditions of permits-to-install issued to major stationary sources or for major modifications regarding greenhouse gases shall cease to be effective if any of the following occurs:	3704.03(F), 3704.03(G)	Fed	40 CFR 51.166	Yes	Yes	Yes
3745-31-34	(C)(3)	require	Action by the president of the United States or the president's authorized agent, including the administrator, to repeal, withdraw, suspend, postpone, or stay the amendments to 40 CFR Section 51.166 or to otherwise limit or delay the Administrator's exercise of authority to require preconstruction permitting of sources of greenhouse gas emissions.	3704.03(F), 3704.03(G)	Fed	40 CFR 51.166	Yes	Yes	Yes
3745-31-34	(D)	requires	To the extent that any action or determination listed in paragraphs (C)(1) to (C)(3) of this rule requires the permitting of any stationary source...	3704.03(F), 3704.03(G)	Fed	40 CFR 51.166	Yes	Yes	No
3745-31-34	(D)	shall	the permitting thresholds in paragraph (A) of this rule shall remain in effect unless and until this rule is amended or rescinded.	3704.03(F), 3704.03(G)	Fed	40 CFR 51.166	Yes	Yes	No

OAC Rule #	Paragraph	Restriction	Description/Quotation	Statutory Authority	State or Fed Law?	If Fed, crosswalk?	Federally delegated program?	Removal would require state or federal law change?	Requirement on the agency or director?
3745-31-34	(F)	shall	No permit to install shall be required due to greenhouse gas emissions from any stationary source under this chapter, . . .	3704.03(F), 3704.03(G)	Fed	40 CFR 51.166	Yes	Yes	No
3745-31-34	(F)	required	No permit to install shall be required due to greenhouse gas emissions from any stationary source under this chapter, . . .	3704.03(F), 3704.03(G)	Fed	40 CFR 51.166	Yes	Yes	No
3745-31-34	(F)	shall not	... and greenhouse gases shall not be deemed to be an air contaminant source subject to regulation...	3704.03(F), 3704.03(G)	Fed	40 CFR 51.166	Yes	Yes	No
3745-31-34	(F)	shall	Nothing in this rule is intended to be, and nothing in this rule shall be interpreted to be, an "emission limitation" or "emission standard" within the meaning of section 302(k) of the Clean Air Act, or a "control requirement" within the meaning of section 193 of the Clean Air Act.	3704.03(F), 3704.03(G)	Fed	40 CFR 51.166	Yes	Yes	No

OAC Rule #	Paragraph	Restriction	Description/Quotation	Statutory Authority	State or Fed Law?	If Fed, crosswalk?	Federally delegated program?	Removal would require state or federal law change?	Requirement on the agency or director?
3745-71-01	A	shall	The definition in this rule shall apply to this chapter.	3704.03(E)	Federal	CAA section 110(a)(2)	Yes	Yes	No
3745-71-03		shall	For the purposes of ascertaining, defining and measuring ambient air quality, lead shall be measured by the test methods in Appendix G ...	3704.03(E)	Federal	CAA section 110(a)(2), 40 CFR Appendix G, Pt. 50	Yes	Yes	No

OAC Rule #	Paragraph	Restriction	Description/Quotation	Statutory Authority	State or Fed Law?	If Fed, crosswalk?	Federally delegated program?	Removal would require state or federal law change?	Requirement on the agency or director?
3745-73-01	Intro	shall	The definitions in this rule shall apply to this chapter.	3704.03(E)	Federal	111(d) TRS Guideline March 1979 (EPA-450-2-78-003b)	Yes-SP	Yes - Federal	No
3745-73-02	(A)	shall	All compliance times and other deadlines set forth in paragraph (C) of this rule shall be measured from November 1, 1984.	3704.03(E)	Federal	111(d) TRS Guideline March 1979 (EPA-450-2-78-003b)	Yes-SP	Yes - Federal	No
3745-73-02	(B)	shall	No later than February 1, 1985, any owner or operator of any air contaminant source subject to rule 3745-73-03 of the Administrative Code shall do one of the following:	3704.03(E)	Federal	111(d) TRS Guideline March 1979 (EPA-450-2-78-003b)	Yes-SP	Yes - Federal	No
3745-73-02	(B)(1)	shall	Certify in writing to the director that the source is in compliance with rule 3745-73-03 of the Administrative Code. The certification shall include:...	3704.03(E)	Federal	111(d) TRS Guideline March 1979 (EPA-450-2-78-003b)	Yes-SP	Yes - Federal	No
3745-73-02	(B)(2)	shall	... The application shall include a compliance program and time schedule which will bring the source into compliance with all the requirements of this rule and rule 3745-73-03 of the Administrative Code as expeditiously as practicable but in no event later than the dates specified in paragraph (C) of this rule, and shall identify all reasonable interim control measures.	3704.03(E)	Federal	111(d) TRS Guideline March 1979 (EPA-450-2-78-003b)	Yes-SP	Yes - Federal	No
3745-73-02	(B)(2)	shall	...The application shall include a compliance program and time schedule which will bring the source into compliance with all the requirements of this rule and rule 3745-73-03 of the Administrative Code as expeditiously as practicable but in no event later than the dates specified in paragraph (C) of this rule, and shall identify all reasonable interim control measures.	3704.03(E)	Federal	111(d) TRS Guideline March 1979 (EPA-450-2-78-003b)	Yes-SP	Yes - Federal	No
3745-73-02	(C)	shall	Any owner or operator of an air contaminant source in violation of the limitations specified in rule 3745-73-03 of the Administrative Code shall comply with the requirements as expeditiously as practicable...	3704.03(E)	Federal	111(d) TRS Guideline March 1979 (EPA-450-2-78-003b)	Yes-SP	Yes - Federal	No
3745-73-02	(C)(1)	shall	... in violation of paragraph (A)(1) of the rule 3745-73-03 of the Administrative Code shall achieve final compliance by March 1, 1988.	3704.03(E)	Federal	111(d) TRS Guideline March 1979 (EPA-450-2-78-003b)	Yes-SP	Yes - Federal	No
3745-73-02	(C)(2)	shall	...in violation of paragraph (A)(2) of rule 3745-73-03 of the Administrative Code shall achieve final compliance by July 1, 1986.	3704.03(E)	Federal	111(d) TRS Guideline March 1979 (EPA-450-2-78-003b)	Yes-SP	Yes - Federal	No
3745-73-02	(C)(3)	shall	in violation of paragraph (A)(3) of rule 3745-73-03 of the Administrative Code shall achieve final compliance by July 1, 1986.	3704.03(E)	Federal	111(d) TRS Guideline March 1979 (EPA-450-2-78-003b)	Yes-SP	Yes - Federal	No
3745-73-02	(C)(4)	shall	...in violation of paragraph (A)(4) of rule 3745-73-03 of the Administrative Code shall achieve final compliance by November 1, 1986.	3704.03(E)	Federal	111(d) TRS Guideline March 1979 (EPA-450-2-78-003b)	Yes-SP	Yes - Federal	No
3745-73-02	(C)(5)	shall	...in violation of paragraph (A)(5) of rule 3745-73-03 of the Administrative Code shall achieve final compliance by July 1, 1986.	3704.03(E)	Federal	111(d) TRS Guideline March 1979 (EPA-450-2-78-003b)	Yes-SP	Yes - Federal	No
3745-73-02	(C)(6)	shall	...in violation of paragraph (A)(6) of rule 3745-73-03 of the Administrative Code shall achieve final compliance by July 1, 1986.	3704.03(E)	Federal	111(d) TRS Guideline March 1979 (EPA-450-2-78-003b)	Yes-SP	Yes - Federal	No
3745-73-02	(D)	shall	The director may modify the requirements of rule 3745-73-03 of the Administrative Code as those requirements apply to a facility, upon a showing that compliance with a requirement within the prescribed time is technically infeasible, economically unreasonable, or impossible because of conditions beyond the control of the applicant. Any such determination by the director shall be based upon consideration of the remaining useful life of the facility and such other factors as the director deems appropriate.	3704.03(E)	Federal	111(d) TRS Guideline March 1979 (EPA-450-2-78-003b)	Yes-SP	Yes - Federal	Yes
3745-73-03	(A)	shall	No owner or operator of any Kraft pulp mill shall cause or permit the emission of total reduced sulfur from the following sources to exceed the following specified limits or federal new source performance standards....	3704.03(E)	Federal	111(d) TRS Guideline March 1979 (EPA-450-2-78-003b)	Yes-SP	Yes - Federal	No
3745-73-03	(B)	shall	No owner or operator of any Kraft pulp mill shall cause or permit the emission of total reduced sulfur from any source not regulated by paragraph (A) of this rule...	3704.03(E)	Federal	111(d) TRS Guideline March 1979 (EPA-450-2-78-003b)	Yes-SP	Yes - Federal	No
3745-73-03	(C)	shall not	Emissions from recovery furnaces which exceed the emission limits contained in this rule, from sources on which construction or modification commenced on or before September 24, 1976, shall not be considered excess emissions if the following occur:	3704.03(E)	Federal	111(d) TRS Guideline March 1979 (EPA-450-2-78-003b)	Yes-SP	Yes - Federal	No
3745-73-03	(D)	shall not	Emissions from lime kilns which exceed the emission limits contained in this rule, from sources on which construction or modification commenced on or before September 24, 1976, shall not be considered excess emissions if the following occur:	3704.03(E)	Federal	111(d) TRS Guideline March 1979 (EPA-450-2-78-003b)	Yes-SP	Yes - Federal	No
3745-73-04	(A)	shall	Compliance with any applicable emission limit for total reduced sulfur as specified in rule 3745-73-03 of the Administrative Code shall be determined according to one of the following:	3704.03(E)	Federal	111(d) TRS Guideline March 1979 (EPA-450-2-78-003b)	Yes-SP	Yes - Federal	No
3745-73-04	(B)	shall	... The continuous monitor shall operate at least seventy per cent of the time during any calendar quarter...	3704.03(E)	Federal	111(d) TRS Guideline March 1979 (EPA-450-2-78-003b)	Yes-SP	Yes - Federal	No
3745-73-04	(B)	shall	...In the event the monitor malfunctions and is unusable for more than twenty-five per cent of the time during a calendar quarter, the director shall be notified in writing specifying the cause of the monitor malfunction...	3704.03(E)	Federal	111(d) TRS Guideline March 1979 (EPA-450-2-78-003b)	Yes-SP	Yes - Federal	No

OAC Rule #	Paragraph	Restriction	Description/Quotation	Statutory Authority	State or Fed Law?	If Fed, crosswalk?	Federally delegated program?	Removal would require state or federal law change?	Requirement on the agency or director?
3745-76-01	(B)	Shall	The following definitions shall apply exclusively to this chapter	3704.03(E)	State rule mandated by CAA 111(d)	40 CFR Part 60 Subpart Cc	yes	yes	no
3745-76-01	(B)(8)	Must	terms of volume or mass in the most recent permit issued by the agency responsible for regulating the landfill, plus any in-place waste not accounted for in the most recent permit. If the owner or operator chooses to convert the design capacity from volume to mass or from mass to volume to demonstrate its design capacity is less than 2.5 million megagrams or 2.5 million cubic meters, the calculation must include a site specific density	3704.03(E)	State rule mandated by CAA 111(d)	40 CFR Part 60 Subpart Cc	yes	yes	no
3745-76-01	(B)(8)	Must	which must be recalculated annually.	3704.03(E)	State rule mandated by CAA 111(d)	40 CFR Part 60 Subpart Cc	yes	yes	no
3745-76-03	(A)	Shall	MSW landfill emissions shall be controlled at each MSW landfill meeting the following three conditions	3704.03(E)	State rule mandated by CAA 111(d)	40 CFR Part 60 Subpart Cc	yes	yes	no
3745-76-03	(A)(2)	Shall	Any density conversions shall be documented and submitted with the report	3704.03(E)	State rule mandated by CAA 111(d)	40 CFR Part 60 Subpart Cc	yes	yes	no
3745-76-03	(B)	shall	Each MSW landfill meeting the conditions in paragraph (A) of this rule shall install a collection and control system meeting the conditions	3704.03(E)	State rule mandated by CAA 111(d)	40 CFR Part 60 Subpart Cc	yes	yes	no
3745-76-03	(C)	Shall	Collected MSW landfill emissions shall be controlled through the use of control devices meeting the requirements	3704.03(E)	State rule mandated by CAA 111(d)	40 CFR Part 60 Subpart Cc	yes	yes	no
3745-76-04		shall	Each landfill having a design capacity greater than or equal to 2.5 million megagrams or 2.5 million cubic meters shall calculate the NMOC emission rate	3704.03(E)	State rule mandated by CAA 111(d)	40 CFR Part 60 Subpart Cc	yes	yes	no
3745-76-04		shall	If the NMOC emission rate is calculated to be fifty megagrams or more per year, the owner or operator shall comply with all of the applicable rules in the Administrative Code,	3704.03(E)	State rule mandated by CAA 111(d)	40 CFR Part 60 Subpart Cc	yes	yes	no
3745-76-04		shall	An active collection system shall also meet the requirements of	3704.03(E)	State rule mandated by CAA 111(d)	40 CFR Part 60 Subpart Cc	yes	yes	no
3745-76-04		shall	and a flare shall meet the requirements of rule 3745-76-15 of the Administrative Code.	3704.03(E)	State rule mandated by CAA 111(d)	40 CFR Part 60 Subpart Cc	yes	yes	no
3745-76-06	(A)(2)	Shall	Except as provided for under paragraph (B) of this rule, planning, awarding of contracts, and installation of MSW landfill air emission collection and control equipment shall be accomplished within thirty months after the date the initial NMOC emission rate report	3704.03(E)	State rule mandated by CAA 111(d)	40 CFR Part 60 Subpart Cc	yes	yes	no
3745-76-06	(B)	Shall	installation of collection and control systems capable of meeting rule 3745-76-03 of the Administrative Code shall be accomplished within thirty months ....date of the first annual nonmethane organic compounds emission rate report which equals or exceeds fifty megagrams per year	3704.03(E)	State rule mandated by CAA 111(d)	40 CFR Part 60 Subpart Cc	yes	yes	no
3745-76-07	(A)	Shall	shall submit an initial design capacity report to the director	3704.03(E)	State rule mandated by CAA 111(d)	40 CFR Part 60 Subpart Cc	yes	yes	no
3745-76-07	(A)	Shall	Any density conversions shall be documented and submitted with the report.	3704.03(E)	State rule mandated by CAA 111(d)	40 CFR Part 60 Subpart Cc	yes	yes	no
3745-76-07	(A)	Shall	Submittal of the initial design capacity report shall fulfill the requirements of this chapter except as provided for in paragraphs (A)(1) and (A)(2) of this rule	3704.03(E)	State rule mandated by CAA 111(d)	40 CFR Part 60 Subpart Cc	yes	yes	no
3745-76-07	(A)(1)	Shall	shall submit to the director an amended design capacity report	3704.03(E)	State rule mandated by CAA 111(d)	40 CFR Part 60 Subpart Cc	yes	yes	no
3745-76-07	(A)(2)	Shall	the owner or operator shall comply with the provision of paragraph (B) of this rule.	3704.03(E)	State rule mandated by CAA 111(d)	40 CFR Part 60 Subpart Cc	yes	yes	no
3745-76-07	(B)	Shall	shall either comply with paragraph (B)(2) of this rule or calculate an NMOC emission rate	3704.03(E)	State rule mandated by CAA 111(d)	40 CFR Part 60 Subpart Cc	yes	yes	no
3745-76-07	(B)	Shall	The NMOC emission rate shall be recalculated annually,	3704.03(E)	State rule mandated by CAA 111(d)	40 CFR Part 60 Subpart Cc	yes	yes	no
3745-76-07	(B)	required	The owner or operator of an MSW landfill subject to this chapter with a design capacity greater than or equal to 2.5 million megagrams and 2.5 million cubic meters is required to obtain a Title V permit	3704.03(E)	State rule mandated by CAA 111(d)	40 CFR Part 60 Subpart Cc	yes	yes	no
3745-76-07	(B)(1)	Shall	If the calculated NMOC emission rate is less than fifty megagrams per year, the owner or operator shall	3704.03(E)	State rule mandated by CAA 111(d)	40 CFR Part 60 Subpart Cc	yes	yes	no
3745-76-07	(B)(1)(b)(i)	Shall	shall install a collection and control system in compliance with paragraph (B)(2) of this rule.	3704.03(E)	State rule mandated by CAA 111(d)	40 CFR Part 60 Subpart Cc	yes	yes	no
3745-76-07	(B)(1)(b)(ii)	Shall	permanently closed, a closure notification shall be submitted	3704.03(E)	State rule mandated by CAA 111(d)	40 CFR Part 60 Subpart Cc	yes	yes	no
3745-76-07	(B)(2)	Shall	If the calculated NMOC emission rate is equal to or greater than fifty megagrams per year, the owner or operator shall :	3704.03(E)	State rule mandated by CAA 111(d)	40 CFR Part 60 Subpart Cc	yes	yes	no
3745-76-07	(B)(2)(a)(i)	Shall	collection and control system as described in the plan shall meet the design requirements	3704.03(E)	State rule mandated by CAA 111(d)	40 CFR Part 60 Subpart Cc	yes	yes	no
3745-76-07	(B)(2)(a)(ii)	Shall	collection and control system design plan shall include any alternatives to the operational	3704.03(E)	State rule mandated by CAA 111(d)	40 CFR Part 60 Subpart Cc	yes	yes	no
3745-76-07	(B)(2)(a)(iii)	Shall	The collection and control system design plan shall either conform with specifications for active collection systems in rule 3745-76-14 of the Administrative Code or include a demonstration to the director's satisfaction of the sufficiency of the alternative provisions to rule 3745-76-14 of the Administrative Code.	3704.03(E)	State rule mandated by CAA 111(d)	40 CFR Part 60 Subpart Cc	yes	yes	no
3745-76-07	(B)(2)(a)(iv)	Shall	director shall review the information submitted	3704.03(E)	State rule mandated by CAA 111(d)	40 CFR Part 60 Subpart Cc	yes	yes	yes
3745-76-07	(B)(2)(b)(i)	Shall	active collection system shall :	3704.03(E)	State rule mandated by CAA 111(d)	40 CFR Part 60 Subpart Cc	yes	yes	no
3745-76-07	(B)(2)(b)(ii)	Shall	passive collection system shall :	3704.03(E)	State rule mandated by CAA 111(d)	40 CFR Part 60 Subpart Cc	yes	yes	no

3745-76-07	(B)(2)(b)(ii)(b)	Shall	The composite liners shall be designed and installed in accordance	3704.03(E)	State rule mandated by CAA 111(d)	40 CFR Part 60 Subpart Cc	yes	yes	no
3745-76-07	(B)(2)(c)(ii)	Shall	The reduction efficiency or parts per million by volume shall be established by an initial performance test	3704.03(E)	State rule mandated by CAA 111(d)	40 CFR Part 60 Subpart Cc	yes	yes	no
3745-76-07	(B)(2)(c)(ii)(a)	Shall	If a boiler or process heater is used as the control device, the landfill gas stream shall be introduced into the flame zone	3704.03(E)	State rule mandated by CAA 111(d)	40 CFR Part 60 Subpart Cc	yes	yes	no
3745-76-07	(B)(2)(c)(ii)(b)	Shall	The control device shall be operated within the parameter ranges established	3704.03(E)	State rule mandated by CAA 111(d)	40 CFR Part 60 Subpart Cc	yes	yes	no
3745-76-07	(B)(2)(c)(iii)	Shall	All emissions from any atmospheric vent from the gas treatment system shall be subject to the requirements	3704.03(E)	State rule mandated by CAA 111(d)	40 CFR Part 60 Subpart Cc	yes	yes	no
3745-76-07	(B)(2)(e)(i)	Shall	The landfill shall be a closed landfill as defined in rule 3745-76-01 of the Administrative Code.	3704.03(E)	State rule mandated by CAA 111(d)	40 CFR Part 60 Subpart Cc	yes	yes	no
3745-76-07	(B)(2)(e)(i)	Shall	A closure report shall be submitted to the director	3704.03(E)	State rule mandated by CAA 111(d)	40 CFR Part 60 Subpart Cc	yes	yes	no
3745-76-07	(B)(2)(e)(ii)	Shall	The collection and control system shall have been in operation a minimum of fifteen years from when the first well was installed and put into operation	3704.03(E)	State rule mandated by CAA 111(d)	40 CFR Part 60 Subpart Cc	yes	yes	no
3745-76-07	(B)(2)(e)(iii)	Shall	the calculated NMOC gas produced by the landfill shall be less than fifty megagrams per year on three successive test dates	3704.03(E)	State rule mandated by CAA 111(d)	40 CFR Part 60 Subpart Cc	yes	yes	no
3745-76-07	(B)(2)(e)(iii)	Shall	The test dates shall be no less than ninety days apart, and no more than one hundred eighty days apart	3704.03(E)	State rule mandated by CAA 111(d)	40 CFR Part 60 Subpart Cc	yes	yes	no
3745-76-08	Intro	Shall	Each owner or operator of an MSW landfill with a gas collection and control system used to comply with the provisions of paragraph (B)(2)(b) of rule 3745-76-07 of the Administrative Code shall :	3704.03(E)	State rule mandated by CAA 111(d)	40 CFR Part 60 Subpart Cc	yes	yes	no
3745-76-08	(B)(1)	Shall	The owner or operator shall record instances when positive pressure occurs in efforts to avoid a fire.	3704.03(E)	State rule mandated by CAA 111(d)	40 CFR Part 60 Subpart Cc	yes	yes	no
3745-76-08	(B)(1)	Shall	These records shall be submitted with the annual reports	3704.03(E)	State rule mandated by CAA 111(d)	40 CFR Part 60 Subpart Cc	yes	yes	no
3745-76-08	(B)(2)	Shall	. The owner or operator shall develop acceptable pressure limits in the design plan	3704.03(E)	State rule mandated by CAA 111(d)	40 CFR Part 60 Subpart Cc	yes	yes	no
3745-76-08	(B)(3)	Shall	well may experience a static positive pressure after shut down to accommodate for declining flows. All design changes shall be approved by the director	3704.03(E)	State rule mandated by CAA 111(d)	40 CFR Part 60 Subpart Cc	yes	yes	yes
3745-76-08	(C)	Shall	A higher operating value demonstration shall show supporting data that the elevated parameter does not cause fires	3704.03(E)	State rule mandated by CAA 111(d)	40 CFR Part 60 Subpart Cc	yes	yes	no
3745-76-08	(c)(1)	Shall	The nitrogen level shall be determined using Method 3C of Appendix A of 40 CFR Part 60, unless an <u>alternative test method</u> is established as allowed by paragraph (B)(2)(a) of rule 3745-76-07 of the Administrative Code.	3704.03(E)	State rule mandated by CAA 111(d)	40 CFR Part 60 Subpart Cc	yes	yes	no
3745-76-08	(C)(2)	Shall	Unless an <u>alternative test</u> method is established as allowed by paragraph (B)(2)(a) of rule 3745-76-07 of the Administrative Code, the oxygen shall be determined by an oxygen meter	3704.03(E)	State rule mandated by CAA 111(d)	40 CFR Part 60 Subpart Cc	yes	yes	no
3745-76-08	(C)(2)(a)	Shall	span shall be set so that the regulatory limit	3704.03(E)	State rule mandated by CAA 111(d)	40 CFR Part 60 Subpart Cc	yes	yes	no
3745-76-08	(D)	Shall	determine if this level is exceeded, the owner or operator shall conduct surface testing	3704.03(E)	State rule mandated by CAA 111(d)	40 CFR Part 60 Subpart Cc	yes	yes	no
3745-76-08	(D)	Shall	The owner or operator may establish an alternative traversing pattern that ensures equivalent coverage. A surface monitoring design plan shall be developed that includes a topographical map with the monitoring route and the rationale for any site-specific deviations from the thirty meter intervals.	3704.03(E)	State rule mandated by CAA 111(d)	40 CFR Part 60 Subpart Cc	yes	yes	no
3745-76-08	(E)	Shall	In the event the collection or control system is inoperable, the gas mover system shall be shut down	3704.03(E)	State rule mandated by CAA 111(d)	40 CFR Part 60 Subpart Cc	yes	yes	no
3745-76-08	(E)	Shall	and all valves in the collection and control system contributing to venting of the gas to the atmosphere shall be closed within one hour	3704.03(E)	State rule mandated by CAA 111(d)	40 CFR Part 60 Subpart Cc	yes	yes	no
3745-76-08	(G)	Shall	If monitoring demonstrates that the operational requirements in paragraph (B), (C), or (D) of this rule are not met, corrective action shall be taken as specified	3704.03(E)	State rule mandated by CAA 111(d)	40 CFR Part 60 Subpart Cc	yes	yes	no
3745-76-09	(A)(1)	Shall	shall calculate the NMOC emission rate using either the equation provided in paragra	3704.03(E)	State rule mandated by CAA 111(d)	40 CFR Part 60 Subpart Cc	yes	yes	no
3745-76-09	(A)(1)(a)	Shall	The following equation shall be used if the actual year-to-year solid waste acceptance rate is known.	3704.03(E)	State rule mandated by CAA 111(d)	40 CFR Part 60 Subpart Cc	yes	yes	no
3745-76-09	(A)(1)(b)	Shall	The following equation shall be used if the actual year-to-year solid waste acceptance rate is unknown.	3704.03(E)	State rule mandated by CAA 111(d)	40 CFR Part 60 Subpart Cc	yes	yes	no
3745-76-09	(A)(2)	Shall	Tier 1 one. The owner or operator shall compare the calculated NMOC mass emission rate to the standard of fifty megagrams per year	3704.03(E)	State rule mandated by CAA 111(d)	40 CFR Part 60 Subpart Cc	yes	yes	no
3745-76-09	(A)(2)(a)	Shall	If the NMOC emission rate calculated in paragraph (A)(1) of this rule is less than fifty megagrams per year, then the landfill owner shall submit an emission rate report	3704.03(E)	State rule mandated by CAA 111(d)	40 CFR Part 60 Subpart Cc	yes	yes	no
3745-76-09	(A)(2)(a)	Shall	and shall recalculate the NMOC mass emission rate annually	3704.03(E)	State rule mandated by CAA 111(d)	40 CFR Part 60 Subpart Cc	yes	yes	no
3745-76-09	(A)(2)(b)	Shall	If the calculated NMOC emission rate is equal to or greater than fifty megagrams per year, then the landfill owner shall either comply with	3704.03(E)	State rule mandated by CAA 111(d)	40 CFR Part 60 Subpart Cc	yes	yes	no
3745-76-09	(A)(3)	Shall	The landfill owner or operator shall determine the NMOC concentration using the following sampling procedure	3704.03(E)	State rule mandated by CAA 111(d)	40 CFR Part 60 Subpart Cc	yes	yes	no
3745-76-09	(A)(3)	Shall	landfill owner or operator shall install at least two sample probes per hectare of landfill surface	3704.03(E)	State rule mandated by CAA 111(d)	40 CFR Part 60 Subpart Cc	yes	yes	no

3745-76-09	(A)(3)	Shall	The owner or operator shall collect and analyze one sample of landfill gas from each probe to determine the NMOC concentration	3704.03(E)	State rule mandated by CAA 111(d)	40 CFR Part 60 Subpart Cc	yes	yes	no
3745-76-09	(A)(3)	Shall	If more than the required number of samples are taken, all samples shall be used in the analysis.	3704.03(E)	State rule mandated by CAA 111(d)	40 CFR Part 60 Subpart Cc	yes	yes	no
3745-76-09	(A)(3)	Shall	The landfill owner or operator shall divide the NMOC concentration from Method 25 or Method 25C of Appendix A of 40 CFR part 60 by six to convert from CNMOC as carbon to CNMOC as hexane	3704.03(E)	State rule mandated by CAA 111(d)	40 CFR Part 60 Subpart Cc	yes	yes	no
3745-76-09	(A)(3)(a)	Must	Taking composite samples from different probes into a single cylinder is allowed; however, equal sample volumes must be taken from each probe.	3704.03(E)	State rule mandated by CAA 111(d)	40 CFR Part 60 Subpart Cc	yes	yes	no
3745-76-09	(A)(3)(a)	Must	. For each composite, the sampling rate, collection times, beginning and ending cylinder vacuums, or alternative volume measurements must be recorded to verify that composite volumes are equal.	3704.03(E)	State rule mandated by CAA 111(d)	40 CFR Part 60 Subpart Cc	yes	yes	no
3745-76-09	(A)(3)(b)	Must	If using Method 18, the owner or operator must identify all compounds in the sample	3704.03(E)	State rule mandated by CAA 111(d)	40 CFR Part 60 Subpart Cc	yes	yes	no
3745-76-09	(A)(3)(b)	Must	the instrument must be calibrated for each of the compounds on the list.	3704.03(E)	State rule mandated by CAA 111(d)	40 CFR Part 60 Subpart Cc	yes	yes	no
3745-76-09	(A)(3)(a)	Shall	The compositing shall be terminated before the cylinder approaches ambient pressure where measurement accuracy diminishes	3704.03(E)	State rule mandated by CAA 111(d)	40 CFR Part 60 Subpart Cc	yes	yes	no
3745-76-09	(A)(3)(b)	Shall	The concentration of each Method 18 compound shall be converted to CNMOC as hexane by multiplying it by the ratio of its carbon atoms divided by six.	3704.03(E)	State rule mandated by CAA 111(d)	40 CFR Part 60 Subpart Cc	yes	yes	no
3745-76-09	(A)(3)(c)	Must	a minimum of three samples must be collected from the header pipe.	3704.03(E)	State rule mandated by CAA 111(d)	40 CFR Part 60 Subpart Cc	yes	yes	no
3745-76-09	(A)(3)(d)	Shall	owner or operator shall recalculate the NMOC mass emission rate	3704.03(E)	State rule mandated by CAA 111(d)	40 CFR Part 60 Subpart Cc	yes	yes	no
3745-76-09	(A)(3)(e)	Shall	operator shall either comply with paragraph (B)(2) of rule 3745-76-07 of the Administrative Code, or determine the site-specific methane generation rate constant	3704.03(E)	State rule mandated by CAA 111(d)	40 CFR Part 60 Subpart Cc	yes	yes	no
3745-76-09	(A)(3)(f)	Shall	If the resulting NMOC mass emission rate is less than fifty megagrams per year, the owner or operator shall submit a periodic estimate	3704.03(E)	State rule mandated by CAA 111(d)	40 CFR Part 60 Subpart Cc	yes	yes	no
3745-76-09	(A)(4)	Shall	Tier 3. The site-specific methane generation rate constant shall be determined using the procedures provided	3704.03(E)	State rule mandated by CAA 111(d)	40 CFR Part 60 Subpart Cc	yes	yes	no
3745-76-09	(A)(4)	Shall	The landfill owner or operator shall estimate the NMOC mass emission rate using equations	3704.03(E)	State rule mandated by CAA 111(d)	40 CFR Part 60 Subpart Cc	yes	yes	no
3745-76-09	(A)(4)	Shall	The landfill owner or operator shall compare the resulting NMOC mass emission rate to the standard of fifty megagrams per year	3704.03(E)	State rule mandated by CAA 111(d)	40 CFR Part 60 Subpart Cc	yes	yes	no
3745-76-09	(A)(4)(a)	Shall	If the NMOC mass emission rate as calculated using the site-specific methane generation rate and concentration of NMOC is equal to or greater than fifty megagrams per year, the owner or operator shall comply with paragraph	3704.03(E)	State rule mandated by CAA 111(d)	40 CFR Part 60 Subpart Cc	yes	yes	no
3745-76-09	(A)(4)(b)	Shall	If the NMOC mass emission rate is less than fifty megagrams per year, then the owner or operator shall submit a periodic emission rate report	3704.03(E)	State rule mandated by CAA 111(d)	40 CFR Part 60 Subpart Cc	yes	yes	no
3745-76-09	(A)(4)(b)	Shall	and shall recalculate the NMOC mass emission rate annually	3704.03(E)	State rule mandated by CAA 111(d)	40 CFR Part 60 Subpart Cc	yes	yes	no
3745-76-09	(A)(4)(b)	Shall	The calculation of the methane generation rate constant is performed only once, and the value obtained from this test shall be used in all subsequent annual NMOC emission rate calculations.	3704.03(E)	State rule mandated by CAA 111(d)	40 CFR Part 60 Subpart Cc	yes	yes	no
3745-76-09	(B)	Shall	the owner or operator shall calculate the NMOC emission rate for purposes of determining when the system can be removed	3704.03(E)	State rule mandated by CAA 111(d)	40 CFR Part 60 Subpart Cc	yes	yes	no
3745-76-09	(B)(1)	Shall	The flow rate of landfill gas, QLFG shall be determined by measuring the total landfill gas flow rate	3704.03(E)	State rule mandated by CAA 111(d)	40 CFR Part 60 Subpart Cc	yes	yes	no
3745-76-09	(B)(2)	Shall	The average NMOC concentration, CNMOC, shall be determined by collecting	3704.03(E)	State rule mandated by CAA 111(d)	40 CFR Part 60 Subpart Cc	yes	yes	no
3745-76-09	(B)(2)	Shall	If using Method 18 of Appendix A of 40 CFR Part 60, the minimum list of compounds to be tested shall be those published in the most recent	3704.03(E)	State rule mandated by CAA 111(d)	40 CFR Part 60 Subpart Cc	yes	yes	no
3745-76-09	(B)(2)	Shall	The sample location on the common header pipe shall be before any condensate removal	3704.03(E)	State rule mandated by CAA 111(d)	40 CFR Part 60 Subpart Cc	yes	yes	no
3745-76-09	(B)(2)	Shall	wner or operator shall divide the NMOC concentration from Method 25C of Appendix A of 40 CFR Part 60 by six	3704.03(E)	State rule mandated by CAA 111(d)	40 CFR Part 60 Subpart Cc	yes	yes	no
3745-76-09	(C)	Shall	this chapter shall estimate the NMOC emission rate for comparison to the major stationary source and significant levels	3704.03(E)	State rule mandated by CAA 111(d)	40 CFR Part 60 Subpart Cc	yes	yes	no
3745-76-09	(C)	Shall	If a collection system, which complies with the provisions in paragraph (B)(2) of rule 3745-76-07 of the Administrative Code is already installed, the owner or operator shall estimate the NMOC emission rate using the procedures provided in paragraph (B) of this rule.	3704.03(E)	State rule mandated by CAA 111(d)	40 CFR Part 60 Subpart Cc	yes	yes	no
3745-76-09	(D)	Shall	of 40 CFR Part 60 shall be used to determine compliance with ninety eight weight-per cent efficiency	3704.03(E)	State rule mandated by CAA 111(d)	40 CFR Part 60 Subpart Cc	yes	yes	no
3745-76-09	(D)	Shall	the minimum list of compounds to be tested shall be those published	3704.03(E)	State rule mandated by CAA 111(d)	40 CFR Part 60 Subpart Cc	yes	yes	no
3745-76-09	(D)	Shall	The following equation shall be used to calculate efficiency	3704.03(E)	State rule mandated by CAA 111(d)	40 CFR Part 60 Subpart Cc	yes	yes	no
3745-76-10	(A)	Shall	the specified methods in paragraphs (A)(1) to (A)(6) of this rule shall be used to determine whether the gas collection system is in compliance with paragraph	3704.03(E)	State rule mandated by CAA 111(d)	40 CFR Part 60 Subpart Cc	yes	yes	no

3745-76-10	(A)(1)	Shall	For the purposes of calculating the maximum expected gas generation flow rate from the landfill to determine compliance with paragraph (B)(2)(b)(i)(a) of rule 3745-76-07 of the Administrative Code, one of the following equations shall be used	3704.03(E)	State rule mandated by CAA 111(d)	40 CFR Part 60 Subpart Cc	yes	yes	no
3745-76-10	(A)(1)	Shall	If k has been determined as specified in paragraph (A)(4) of rule 3745-76-09 of the Administrative Code, the value of k determined from the test shall be used.	3704.03(E)	State rule mandated by CAA 111(d)	40 CFR Part 60 Subpart Cc	yes	yes	no
3745-76-10	(A)(1)	Shall	A value of no more than fifteen years shall be used for the intended use period of the gas mover equipment	3704.03(E)	State rule mandated by CAA 111(d)	40 CFR Part 60 Subpart Cc	yes	yes	no
3745-76-10	(A)(1)(C)	Shall	calculations using the equations in paragraph (A)(1)(a) or (A)(1)(b) of this rule or other methods shall be used to predict the maximum expected gas generation rate	3704.03(E)	State rule mandated by CAA 111(d)	40 CFR Part 60 Subpart Cc	yes	yes	no
3745-76-10	(A)(2)	Shall	of determining sufficient density of gas collectors for compliance with paragraph (B)(2)(b)(i)(b) of rule 3745-76-07 of the Administrative Code, the owner or operator shall design a system of vertical wells, horizontal collectors, or other collection devices, satisfactory to the director,	3704.03(E)	State rule mandated by CAA 111(d)	40 CFR Part 60 Subpart Cc	yes	yes	no
3745-76-10	(A)(3)	Shall	shall measure gauge pressure in the gas collection header at each individual well, monthly	3704.03(E)	State rule mandated by CAA 111(d)	40 CFR Part 60 Subpart Cc	yes	yes	no
3745-76-10	(A)(3)	Shall	If a positive pressure exists, action shall be initiated to correct the exceedance within five calendar days	3704.03(E)	State rule mandated by CAA 111(d)	40 CFR Part 60 Subpart Cc	yes	yes	no
3745-76-10	(A)(3)	Shall	, the gas collection system shall be expanded to corre	3704.03(E)	State rule mandated by CAA 111(d)	40 CFR Part 60 Subpart Cc	yes	yes	no
3745-76-10	(A)(3)	Shall	Any attempted corrective measure shall not cause exceedances of other operational or performance standards	3704.03(E)	State rule mandated by CAA 111(d)	40 CFR Part 60 Subpart Cc	yes	yes	no
3745-76-10	(A)(5)	Shall	For the purpose of identifying whether excess air infiltration into the landfill is occurring, the owner or operator shall monitor each well monthly	3704.03(E)	State rule mandated by CAA 111(d)	40 CFR Part 60 Subpart Cc	yes	yes	no
3745-76-10	(A)(5)	Shall	If correction of the exceedance cannot be achieved within fifteen calendar days of the first measurement, the gas collection system shall be expanded	3704.03(E)	State rule mandated by CAA 111(d)	40 CFR Part 60 Subpart Cc	yes	yes	no
3745-76-10	(A)(5)	Shall	If negative pressure cannot be achieved without excess air infiltration within fifteen calendar days of the first measurement, the gas collection system shall be expanded to correct the exceedance	3704.03(E)	State rule mandated by CAA 111(d)	40 CFR Part 60 Subpart Cc	yes	yes	no
3745-76-10	(A)(5)	Shall	Any attempted corrective measure shall not cause exceedances of other operational or performance standards	3704.03(E)	State rule mandated by CAA 111(d)	40 CFR Part 60 Subpart Cc	yes	yes	no
3745-76-10	(A)(6)	Shall	An owner or operator seeking to demonstrate compliance with paragraph (B) (2) (b) (i) (d) of rule 3745-76-07 of the Administrative Code through the use of a collection system not conforming to the specifications provided in rule 3745-76-14 of the Administrative Code shall provide information satisfactory to the director as specified in paragraph (B)(2)(a)(iii) of rule 3745-76-07 of the Administrative Code demonstrating that off-site migration is being controlled.	3704.03(E)	State rule mandated by CAA 111(d)	40 CFR Part 60 Subpart Cc	yes	yes	no
3745-76-10	(B)	Shall	each owner or operator of a controlled landfill shall place each well or design component as specified in the approved design plan as provided in paragraph	3704.03(E)	State rule mandated by CAA 111(d)	40 CFR Part 60 Subpart Cc	yes	yes	no
3745-76-10	(B)	Shall	Each well shall be installed no later than sixty days after the date on which the initial solid waste has been	3704.03(E)	State rule mandated by CAA 111(d)	40 CFR Part 60 Subpart Cc	yes	yes	no
3745-76-10	(B)(2)	Shall	Each well shall be installed as a measure to abate or minimize the migration of explosive gas when the director orders	3704.03(E)	State rule mandated by CAA 111(d)	40 CFR Part 60 Subpart Cc	yes	yes	no
3745-76-10	(C)	Shall	The following procedures shall be used for compliance with the surface methane operational standard as provided in paragraph (D) of rule 3745-76-08 of the Administrative Code.	3704.03(E)	State rule mandated by CAA 111(d)	40 CFR Part 60 Subpart Cc	yes	yes	if ordered
3745-76-10	(C)(1)	Shall	After installation of the collection system, the owner or operator shall monitor surface concentrations	3704.03(E)	State rule mandated by CAA 111(d)	40 CFR Part 60 Subpart Cc	yes	yes	no
3745-76-10	(C)(2)	Shall	The background concentration shall be determined by moving the probe inlet upwind and downwind outside the boundary	3704.03(E)	State rule mandated by CAA 111(d)	40 CFR Part 60 Subpart Cc	yes	yes	no
3745-76-10	(C)(3)	Shall	Surface emission monitoring shall be performed in accordance with	3704.03(E)	State rule mandated by CAA 111(d)	40 CFR Part 60 Subpart Cc	yes	yes	no
3745-76-10	(C)(3)	Shall	except that the probe inlet shall be placed within five to ten centimeters of the ground.	3704.03(E)	State rule mandated by CAA 111(d)	40 CFR Part 60 Subpart Cc	yes	yes	no
3745-76-10	(C)(3)	Shall	Monitoring shall be performed during typical meteorological conditions	3704.03(E)	State rule mandated by CAA 111(d)	40 CFR Part 60 Subpart Cc	yes	yes	no
3745-76-10	(C)(4)	Shall	Any reading of five hundred parts per million or more above background at any location shall be recorded	3704.03(E)	State rule mandated by CAA 111(d)	40 CFR Part 60 Subpart Cc	yes	yes	no
3745-76-10	(C)(4)	Shall	and the actions specified in paragraphs (C)(4)(a) to (C)(4)(e) of this rule shall be taken.	3704.03(E)	State rule mandated by CAA 111(d)	40 CFR Part 60 Subpart Cc	yes	yes	no
3745-76-10	(C)(4)(a)	Shall	The location of each monitored exceedance shall be marked and the location recorded	3704.03(E)	State rule mandated by CAA 111(d)	40 CFR Part 60 Subpart Cc	yes	yes	no
3745-76-10	(C)(4)(b)	Shall	Cover maintenance or adjustments to the vacuum of the adjacent wells to increase the gas collection in the vicinity of each exceedance shall be made	3704.03(E)	State rule mandated by CAA 111(d)	40 CFR Part 60 Subpart Cc	yes	yes	no
3745-76-10	(C)(4)(b)	Shall	and the location shall be re-monitored within ten calendar days of detecting the exceedance.	3704.03(E)	State rule mandated by CAA 111(d)	40 CFR Part 60 Subpart Cc	yes	yes	no
3745-76-10	(C)(4)(c)	Shall	If the re-monitoring of the location shows a second exceedance, additional corrective action shall be taken	3704.03(E)	State rule mandated by CAA 111(d)	40 CFR Part 60 Subpart Cc	yes	yes	no
3745-76-10	(C)(4)(c)	Shall	and the location shall be monitored again	3704.03(E)	State rule mandated by CAA 111(d)	40 CFR Part 60 Subpart Cc	yes	yes	no

3745-76-10	(C)(4)(c)	Shall	a third exceedance for the same location, the action specified in paragraph (C)(4)(e) of this rule shall be taken	3704.03(E)	State rule mandated by CAA 111(d)	40 CFR Part 60 Subpart Cc	yes	yes	no
3745-76-10	(C)(4)(d)	Shall	Any location that initially showed an exceedance but has a methane concentration less than five hundred parts per million methane above background at the ten-day re-monitoring specified in paragraph (C)(4)(b) or (C)(4)(c) of this rule shall be re-monitored one month	3704.03(E)	State rule mandated by CAA 111(d)	40 CFR Part 60 Subpart Cc	yes	yes	no
3745-76-10	(C)(4)(d)	Shall	If the one-month re-monitoring shows an exceedance, the actions specified in paragraph (C)(4)(c) or (C)(4)(e) of this rule shall be taken	3704.03(E)	State rule mandated by CAA 111(d)	40 CFR Part 60 Subpart Cc	yes	yes	no
3745-76-10	(C)(4)(e)	Shall	, a new well or other collection device shall be installed within one hundred twenty calendar days of the initial exceedance	3704.03(E)	State rule mandated by CAA 111(d)	40 CFR Part 60 Subpart Cc	yes	yes	no
3745-76-10	(C)(5)	Shall	The owner or operator shall implement a program to monitor for cover integrity and implement cover repairs	3704.03(E)	State rule mandated by CAA 111(d)	40 CFR Part 60 Subpart Cc	yes	yes	no
3745-76-10	(D)	Shall	seeking to comply with the provisions in paragraph (C) of this rule shall comply with the following	3704.03(E)	State rule mandated by CAA 111(d)	40 CFR Part 60 Subpart Cc	yes	yes	no
3745-76-10	(D)(1)	Shall	The portable analyzer shall meet the instrument specifications provided in section 6 of Method 21 of Appendix A of 40 CFR Part 60,	3704.03(E)	State rule mandated by CAA 111(d)	40 CFR Part 60 Subpart Cc	yes	yes	no
3745-76-10	(D)(1)	Shall	except that "methane" shall replace all references to VOC.			40 CFR Part 60 Subpart Cc	yes	yes	no
3745-76-10	(D)(2)	Shall	, except that "methane" shall replace all references to VOC.	3704.03(E)	State rule mandated by CAA 111(d)	40 CFR Part 60 Subpart Cc	yes	yes	no
3745-76-10	(D)(3)	Shall	the instrument evaluation procedures of section 8.1 of Method 21 of Appendix A of 40 CFR Part 60 shall be used.	3704.03(E)	State rule mandated by CAA 111(d)	40 CFR Part 60 Subpart Cc	yes	yes	no
3745-76-10	(D)(4)	Shall	The calibration procedures provided in section 8.1.1.1 of Method 21 of Appendix A of 40 CFR Part 60 shall be followed immediately	3704.03(E)	State rule mandated by CAA 111(d)	40 CFR Part 60 Subpart Cc	yes	yes	no
3745-76-10	(E)	Shall	The provisions of this rule apply at all times, except during periods of start-up, shutdown, or malfunction, provided that the duration of start-up, shutdown, or malfunction shall not exceed five days for collection systems	3704.03(E)	State rule mandated by CAA 111(d)	40 CFR Part 60 Subpart Cc	yes	yes	no
3745-76-10	(E)	Shall	and shall not exceed one hour for treatment or control devices.	3704.03(E)	State rule mandated by CAA 111(d)	40 CFR Part 60 Subpart Cc	yes	yes	no
3745-76-11	(A)	Shall	Administrative Code for an active gas collection system shall install a sampling port and a thermometer,	3704.03(E)	State rule mandated by CAA 111(d)	40 CFR Part 60 Subpart Cc	yes	yes	no
3745-76-11	(B)	Shall	Code using an enclosed combustor shall calibrate, maintain, and operate according to the manufacturer's specifications, the following equipment	3704.03(E)	State rule mandated by CAA 111(d)	40 CFR Part 60 Subpart Cc	yes	yes	no
3745-76-11	(B)(2)	Shall	A device that records flow to or bypass of the control device. The owner or operator shall either:	3704.03(E)	State rule mandated by CAA 111(d)	40 CFR Part 60 Subpart Cc	yes	yes	no
3745-76-11	(B)(2)(a)	Shall	Install, calibrate, and maintain a gas flow rate measuring device that shall record the flow to the control device at least every fifteen minutes; or		State rule mandated by CAA 111(d)	40 CFR Part 60 Subpart Cc	yes	yes	
3745-76-11	(B)(2)(b)	Shall	A visual inspection of the seal or closure mechanism shall be performed at least once every month	3704.03(E)	State rule mandated by CAA 111(d)	40 CFR Part 60 Subpart Cc	yes	yes	no
3745-76-11	(C)	Shall	using an open flare shall install, calibrate, maintain, and operate according to the manufacturer's specifications the following equipment:	3704.03(E)	State rule mandated by CAA 111(d)	40 CFR Part 60 Subpart Cc	yes	yes	no
3745-76-11	(C)(2)	Shall	A device that records flow to or bypass of the flare. The owner or operator shall either	3704.03(E)	State rule mandated by CAA 111(d)	40 CFR Part 60 Subpart Cc	yes	yes	no
3745-76-11	(C)(2)(a)	Shall	Install, calibrate, and maintain a gas flow rate measuring device that shall record the flow to the control device at least every fifteen minutes; or	3704.03(E)	State rule mandated by CAA 111(d)	40 CFR Part 60 Subpart Cc	yes	yes	no
3745-76-11	(C)(2)(b)	Shall	A visual inspection of the seal or closure mechanism shall be performed at least once every month	3704.03(E)	State rule mandated by CAA 111(d)	40 CFR Part 60 Subpart Cc	yes	yes	no
3745-76-11	(D)	Shall	using a device other than an open flare or an enclosed combustor shall provide information satisfactory to the director	3704.03(E)	State rule mandated by CAA 111(d)	40 CFR Part 60 Subpart Cc	yes	yes	no
3745-76-11	(D)	Shall	The director shall review the information and either approve it, or request that additional information be submitted.	3704.03(E)	State rule mandated by CAA 111(d)	40 CFR Part 60 Subpart Cc	yes	yes	yes
3745-76-11	(E)	Shall	or seeking to monitor alternative parameters to those required by rule 3745-76-08 to rule 3745-76-11 of the Administrative Code shall provide information satisfactory to the director	3704.03(E)	State rule mandated by CAA 111(d)	40 CFR Part 60 Subpart Cc	yes	yes	no
3745-76-11	(F)	Shall	Each owner or operator seeking to demonstrate compliance with paragraph (C) of rule 3745-76-10 of the Administrative Code, shall monitor surface concentrations of methane according to the instrument specifications and procedures provided	3704.03(E)	State rule mandated by CAA 111(d)	40 CFR Part 60 Subpart Cc	yes	yes	no
3745-76-12	(A)	Shall	Each owner or operator subject to the requirements of this chapter shall submit or	3704.03(E)	State rule mandated by CAA 111(d)	40 CFR Part 60 Subpart Cc	yes	yes	no
3745-76-12	(A)	Shall	shall have submitted an initial design capacity report to the directo	3704.03(E)	State rule mandated by CAA 111(d)	40 CFR Part 60 Subpart Cc	yes	yes	no
3745-76-12	(A)(1)	Shall	The initial design capacity report shall contain the date construction commenced	3704.03(E)	State rule mandated by CAA 111(d)	40 CFR Part 60 Subpart Cc	yes	yes	no
3745-76-12	(A)(2)	Shall	The initial design capacity report shall contain the following	3704.03(E)	State rule mandated by CAA 111(d)	40 CFR Part 60 Subpart Cc	yes	yes	no

3745-76-12	(A)(2)(b)	Shall	If the maximum design capacity of the landfill is not specified in the permit, the maximum design capacity shall be calculated	3704.03(E)	State rule mandated by CAA 111(d)	40 CFR Part 60 Subpart Cc	yes	yes	no
3745-76-12	(A)(2)(b)	Shall	The calculations shall be provided,	3704.03(E)	State rule mandated by CAA 111(d)	40 CFR Part 60 Subpart Cc	yes	yes	no
3745-76-12	(A)(3)	Shall	An amended design capacity report shall be submitted to the director providing notification of any increase in the design capacity	3704.03(E)	State rule mandated by CAA 111(d)	40 CFR Part 60 Subpart Cc	yes	yes	no
3745-76-12	(A)(3)	Shall	Any expansion of the landfill shall be deemed a modification,	3704.03(E)	State rule mandated by CAA 111(d)	40 CFR Part 60 Subpart Cc	yes	yes	no
3745-76-12	(A)(3)	Shall	which shall cause the landfill to become subject to the new source performance standards in 40 CFR Part 60, Subpart WWW.	3704.03(E)	State rule mandated by CAA 111(d)	40 CFR Part 60 Subpart Cc	yes	yes	no
3745-76-12	(B)	Shall	Each owner or operator subject to the requirements of this chapter shall submit an NMOC emission rate report to the director initially and annually thereafter	3704.03(E)	State rule mandated by CAA 111(d)	40 CFR Part 60 Subpart Cc	yes	yes	no
3745-76-12	(B)(1)	Shall	The NMOC emission rate report shall contain an annual or five-year estimate of the NMOC	3704.03(E)	State rule mandated by CAA 111(d)	40 CFR Part 60 Subpart Cc	yes	yes	no
3745-76-12	(B)(1)(a)	Shall	Subsequent NMOC emission rate reports shall be submitted annually thereafter,	3704.03(E)	State rule mandated by CAA 111(d)	40 CFR Part 60 Subpart Cc	yes	yes	no
3745-76-12	(B)(1)(b)	Shall	This estimate shall include the current amount of solid waste-in-place and	3704.03(E)	State rule mandated by CAA 111(d)	40 CFR Part 60 Subpart Cc	yes	yes	no
3745-76-12	(B)(1)(b)	Shall	All data and calculations upon which this estimate is based shall be provided	3704.03(E)	State rule mandated by CAA 111(d)	40 CFR Part 60 Subpart Cc	yes	yes	no
3745-76-12	(B)(1)(b)	Shall	This estimate shall be revised at least once every five years.	3704.03(E)	State rule mandated by CAA 111(d)	40 CFR Part 60 Subpart Cc	yes	yes	no
3745-76-12	(B)(1)(b)	Shall	If the actual waste acceptance rate exceeds the estimated waste acceptance rate in any year reported in the five-year estimate, a revised five-year estimate shall be submitted to the director.	3704.03(E)	State rule mandated by CAA 111(d)	40 CFR Part 60 Subpart Cc	yes	yes	no
3745-76-12	(B)(1)(b)	Shall	The revised estimate shall cover the five-year period beginning with the year	3704.03(E)	State rule mandated by CAA 111(d)	40 CFR Part 60 Subpart Cc	yes	yes	no
3745-76-12	(B)(2)	Shall	The NMOC emission rate report shall include all the data, calculations, sample reports and measurements	3704.03(E)	State rule mandated by CAA 111(d)	40 CFR Part 60 Subpart Cc	yes	yes	no
3745-76-12	(C)	Shall	shall submit a collection and control system design plan to the director within one year of the first report	3704.03(E)	State rule mandated by CAA 111(d)	40 CFR Part 60 Subpart Cc	yes	yes	no
3745-76-12	(C)(1)	Shall	If the owner or operator elects to recalculate the NMOC emission rate after Tier 2 NMOC sampling and analysis as provided in paragraph (A)(3) of rule 3745-76-09 of the Administrative Code and the resulting rate is less than fifty megagrams per year, annual periodic reporting shall be resumed, using the Tier 2	3704.03(E)	State rule mandated by CAA 111(d)	40 CFR Part 60 Subpart Cc	yes	yes	no
3745-76-12	(C)(1)	Shall	the recalculated emission rate based on NMOC sampling and analysis , shall be submitted within one hundred eighty days	3704.03(E)	State rule mandated by CAA 111(d)	40 CFR Part 60 Subpart Cc	yes	yes	no
3745-76-12	(C)(2)	Shall	and the resulting NMOC emission rate is less than fifty megagrams per year, annual periodic reporting shall be resumed.	3704.03(E)	State rule mandated by CAA 111(d)	40 CFR Part 60 Subpart Cc	yes	yes	no
3745-76-12	(C)(2)	Shall	The resulting site-specific methane generation rate constant (k) shall be used in the emission rate calculation until such time	3704.03(E)	State rule mandated by CAA 111(d)	40 CFR Part 60 Subpart Cc	yes	yes	no
3745-76-12	(C)(2)	Shall	the resulting site-specific methane generation rate constant (k) shall be submitted to the director within one year of the first calculated emission rate exceeding fifty megagrams per year.	3704.03(E)	State rule mandated by CAA 111(d)	40 CFR Part 60 Subpart Cc	yes	yes	no
3745-76-12	(D)	Shall	a controlled landfill shall submit a closure report to the director within thirty days of waste acceptance cessation	3704.03(E)	State rule mandated by CAA 111(d)	40 CFR Part 60 Subpart Cc	yes	yes	no
3745-76-12	(D)	Shall	shall also meet the notification requirements for landfill closure c	3704.03(E)	State rule mandated by CAA 111(d)	40 CFR Part 60 Subpart Cc	yes	yes	no
3745-76-12	(E)	Shall	a controlled landfill shall submit an equipment removal report to the director thirty days prior to removal or cessation	3704.03(E)	State rule mandated by CAA 111(d)	40 CFR Part 60 Subpart Cc	yes	yes	no
3745-76-12	(E)((1)	Shall	The equipment removal report shall contain all of the following	3704.03(E)	State rule mandated by CAA 111(d)	40 CFR Part 60 Subpart Cc	yes	yes	no
3745-76-12	(F)	Shall	an active collection system designed in accordance with paragraph (B)(2)(b) of rule 3745-76-07 of the Administrative Code shall submit to the director annual reports of the recorded information in	3704.03(E)	State rule mandated by CAA 111(d)	40 CFR Part 60 Subpart Cc	yes	yes	no
3745-76-12	(F)	Shall	The initial annual report shall be submitted within one hundred eighty days	3704.03(E)	State rule mandated by CAA 111(d)	40 CFR Part 60 Subpart Cc	yes	yes	no
3745-76-12	(F)	Shall	and shall include the initial performance test report for enclosed combustion devices and flares	3704.03(E)	State rule mandated by CAA 111(d)	40 CFR Part 60 Subpart Cc	yes	yes	no
3745-76-12	(G)	Shall	shall include the following information with the initial performance test report	3704.03(E)	State rule mandated by CAA 111(d)	40 CFR Part 60 Subpart Cc	yes	yes	no
3745-76-13	(A)	Shall	shall keep for at least five years up-to-date, readily accessible, on-site records of the design capacity report	3704.03(E)	State rule mandated by CAA 111(d)	40 CFR Part 60 Subpart Cc	yes	yes	no
3745-76-13	(B)	Shall	owner or operator of a controlled landfill shall keep up-to-date, readily accessible records for the life of the control equipment	3704.03(E)	State rule mandated by CAA 111(d)	40 CFR Part 60 Subpart Cc	yes	yes	no
3745-76-13	(B)	Shall	Records of subsequent tests or monitoring shall be maintained for a minimum of five years.	3704.03(E)	State rule mandated by CAA 111(d)	40 CFR Part 60 Subpart Cc	yes	yes	no
3745-76-13	(B)	Shall	Records of the control device vendor specifications shall be maintained until removal.	3704.03(E)	State rule mandated by CAA 111(d)	40 CFR Part 60 Subpart Cc	yes	yes	no
3745-76-13	(C)	Shall	a controlled landfill subject to the provisions of this chapter shall keep for five years up-to-date, readily accessible continuous records of the equipment operating parameters	3704.03(E)	State rule mandated by CAA 111(d)	40 CFR Part 60 Subpart Cc	yes	yes	no
3745-76-13	(C)(1)	Shall	The following constitute exceedances that shall be recorded and reported	3704.03(E)	State rule mandated by CAA 111(d)	40 CFR Part 60 Subpart Cc	yes	yes	no
3745-76-13	(C)(2)	Shall	subject to the provisions of this chapter shall keep up-to-date, readily accessible continuous records of the indication of flow to the control device or the indication of bypass flow or records of monthly inspections of car-seals	3704.03(E)	State rule mandated by CAA 111(d)	40 CFR Part 60 Subpart Cc	yes	yes	no

3745-76-13	(C)(3)	Shall	shall keep an up-to-date, readily accessible record of all periods of operation of the boiler or process heater.(	3704.03(E)	State rule mandated by CAA 111(d)	40 CFR Part 60 Subpart Cc	yes	yes	no
3745-76-13	(C)(4)	Shall	by use of an open flare shall keep up-to-date, readily accessible continuous records of the flame or flare pilot flame	3704.03(E)	State rule mandated by CAA 111(d)	40 CFR Part 60 Subpart Cc	yes	yes	no
3745-76-13	(D)	Shall	shall keep for the life of the collection system an up-to-date, readily accessible plot map showing each existing and planned collector	3704.03(E)	State rule mandated by CAA 111(d)	40 CFR Part 60 Subpart Cc	yes	yes	no
3745-76-13	(D)(1)	Shall	subject to the provisions of this chapter shall keep up-to-date, readily accessible records of the installation date and location of all newly installed collectors	3704.03(E)	State rule mandated by CAA 111(d)	40 CFR Part 60 Subpart Cc	yes	yes	no
3745-76-13	(D)(2)	Shall	subject to the provisions of this chapter shall keep readily accessible documentation of the nature, date of deposition, amount, and location of asbestos-containing or nondegradable waste	3704.03(E)	State rule mandated by CAA 111(d)	40 CFR Part 60 Subpart Cc	yes	yes	no
3745-76-13	(E)	Shall	subject to the provisions of this chapter shall keep for at least five years up-to-date, readily accessible records of all collection and control system exceedances of the operational standards	3704.03(E)	State rule mandated by CAA 111(d)	40 CFR Part 60 Subpart Cc	yes	yes	no
3745-76-13	(F)	Shall	Landfill owners or operators who convert design capacity from volume to mass or mass to volume to demonstrate that landfill design capacity is less than 2.5 million megagrams or 2.5 million cubic meters, as provided in the definition of "design capacity", shall keep readily accessible, on site records of the annual recalculation of site-specific density, design capacity, and the supporting documentation.	3704.03(E)	State rule mandated by CAA 111(d)	40 CFR Part 60 Subpart Cc	yes	yes	no
3745-76-14	(A)	Shall	shall site active collection wells, horizontal collectors, surface collectors, or other extraction devices at a sufficient density throughout all gas producing areas using the following procedures unless alternative procedures have been approved by the director	3704.03(E)	State rule mandated by CAA 111(d)	40 CFR Part 60 Subpart Cc	yes	yes	no
3745-76-14	(A)(1)	Shall	The collection devices within the interior and along the perimeter areas shall be certified to achieve comprehensive control of surface gas emissions by a professional engineer	3704.03(E)	State rule mandated by CAA 111(d)	40 CFR Part 60 Subpart Cc	yes	yes	no
3745-76-14	(A)(1)	Shall	The following issues shall be addressed in the design:	3704.03(E)	State rule mandated by CAA 111(d)	40 CFR Part 60 Subpart Cc	yes	yes	no
3745-76-14	(A)(2)	Shall	The sufficient density of gas collection devices determined in paragraph (A)(1) of this rule shall address landfill gas migration issues and augmentation of the collection system through the use of active or passive systems at the landfill perimeter or exterior	3704.03(E)	State rule mandated by CAA 111(d)	40 CFR Part 60 Subpart Cc	yes	yes	no
3745-76-14	(A)(3)	Shall	The placement of gas collection devices determined in paragraph (A)(1) of this rule shall control all gas producing areas,	3704.03(E)	State rule mandated by CAA 111(d)	40 CFR Part 60 Subpart Cc	yes	yes	no
3745-76-14	(A)(3)(a)	Shall	Any segregated area of asbestos or nondegradable material may be excluded from collection if documented ... shall be provided to the director upon request.	3704.03(E)	State rule mandated by CAA 111(d)	40 CFR Part 60 Subpart Cc	yes	yes	must request
3745-76-14	(A)(3)(a)	Shall	The documentation shall provide the nature, date of deposition, location and amount of asbestos or nondegradable material deposited in the area, and	3704.03(E)	State rule mandated by CAA 111(d)	40 CFR Part 60 Subpart Cc	yes	yes	no
3745-76-14	(A)(3)(b)	Shall	The amount, location, and age of the material shall be documented and provided to the director upon request	3704.03(E)	State rule mandated by CAA 111(d)	40 CFR Part 60 Subpart Cc	yes	yes	must request
3745-76-14	(A)(3)(b)	Shall	A separate NMOC emissions estimate shall be made for each section proposed for exclusion, and and the sum of all such sections shall be compared to the NMOC emissions estimate for the entire landfill	3704.03(E)	State rule mandated by CAA 111(d)	40 CFR Part 60 Subpart Cc	yes	yes	no
3745-76-14	(A)(3)(b)	Shall	Emissions from each section shall be computed using the following equation:	3704.03(E)	State rule mandated by CAA 111(d)	40 CFR Part 60 Subpart Cc	yes	yes	no
3745-76-14	(A)(3)(c)	Shall	The values for k, and CNMOC determined in field testing shall be used	3704.03(E)	State rule mandated by CAA 111(d)	40 CFR Part 60 Subpart Cc	yes	yes	no
3745-76-14	(A)(3)(c)	Shall	If field testing has not been performed, the default values for k, Lo, and CNMOC provided in paragraph (A)(1) shall be used	3704.03(E)	State rule mandated by CAA 111(d)	40 CFR Part 60 Subpart Cc	yes	yes	no
3745-76-14	(B)	Shall	shall construct the gas collection devices using the following equipment or procedures:	3704.03(E)	State rule mandated by CAA 111(d)	40 CFR Part 60 Subpart Cc	yes	yes	no
3745-76-14	(B)(1)	Shall	The landfill gas extraction components shall be constructed of polyvinyl chloride (PVC), high density polyethylene	3704.03(E)	State rule mandated by CAA 111(d)	40 CFR Part 60 Subpart Cc	yes	yes	no
3745-76-14	(B)(1)	Shall	The collection system shall extend as necessary to comply with emission and migration standards.	3704.03(E)	State rule mandated by CAA 111(d)	40 CFR Part 60 Subpart Cc	yes	yes	no
3745-76-14	(B)(1)	Shall	Collection devices such as wells and horizontal collectors shall be perforated to allow gas entry without head loss sufficient to impair performance across the intended extent of control.	3704.03(E)	State rule mandated by CAA 111(d)	40 CFR Part 60 Subpart Cc	yes	yes	no
3745-76-14	(B)(1)	Shall	Perforations shall be situated with regard to the need to prevent excessive air infiltration	3704.03(E)	State rule mandated by CAA 111(d)	40 CFR Part 60 Subpart Cc	yes	yes	no
3745-76-14	(B)(2)	Shall	Vertical wells shall be placed so as not to endanger underlying liners and	3704.03(E)	State rule mandated by CAA 111(d)	40 CFR Part 60 Subpart Cc	yes	yes	no
3745-76-14	(B)(2)	Shall	and shall address the occurrence of water leachate within the landfill.	3704.03(E)	State rule mandated by CAA 111(d)	40 CFR Part 60 Subpart Cc	yes	yes	no
3745-76-14	(B)(2)	Shall	Holes and trenches constructed for piped wells and horizontal collectors shall be of sufficient cross-section	3704.03(E)	State rule mandated by CAA 111(d)	40 CFR Part 60 Subpart Cc	yes	yes	no
3745-76-14	(B)(2)	Shall	Collection devices shall be designed so as not to allow indirect short circuiting of air into the cover	3704.03(E)	State rule mandated by CAA 111(d)	40 CFR Part 60 Subpart Cc	yes	yes	no
3745-76-14	(B)(3)	Shall	The connector assembly shall include a positive closing throttle valve	3704.03(E)	State rule mandated by CAA 111(d)	40 CFR Part 60 Subpart Cc	yes	yes	no
3745-76-14	(B)(3)	Shall	The collection devices shall be constructed of PVC, HDPE, fiberglass, stainless	3704.03(E)	State rule mandated by CAA 111(d)	40 CFR Part 60 Subpart Cc	yes	yes	no
3745-76-14	(C)	Shall	shall convey the landfill gas to a control system in compliance with paragraph	3704.03(E)	State rule mandated by CAA 111(d)	40 CFR Part 60 Subpart Cc	yes	yes	no

3745-76-14	(C)	Shall	The gas mover equipment shall be sized to handle the maximum gas generation flow rate expected over the intended use period	3704.03(E)	State rule mandated by CAA 111(d)	40 CFR Part 60 Subpart Cc	yes	yes	no
3745-76-14	(C)(1)	Shall	For existing collection systems, the flow data shall be used to project the maximum flow rate.	3704.03(E)	State rule mandated by CAA 111(d)	40 CFR Part 60 Subpart Cc	yes	yes	no
3745-76-14	(C)(1)	Shall	If no flow data exists, the procedures in paragraph (C)(2) of this rule shall be used.	3704.03(E)	State rule mandated by CAA 111(d)	40 CFR Part 60 Subpart Cc	yes	yes	no
3745-76-14	(C)(3)	Shall	For new collection systems, the maximum flow rate shall be in accordance with paragraph	3704.03(E)	State rule mandated by CAA 111(d)	40 CFR Part 60 Subpart Cc	yes	yes	no
3745-76-15	(A)(1)	Shall	Flares shall be designed for and operated with no visible emissions	3704.03(E)	State rule mandated by CAA 111(d)	40 CFR Part 60 Subpart Cc	yes	yes	no
3745-76-15	(A)(2)	Shall	Flares shall be operated with a flame present at all times,	3704.03(E)	State rule mandated by CAA 111(d)	40 CFR Part 60 Subpart Cc	yes	yes	no
3745-76-15	(A)(3)	Shall	Flares used to comply with provisions of this chapter shall be operated at all times when emissions may be vented to them	3704.03(E)	State rule mandated by CAA 111(d)	40 CFR Part 60 Subpart Cc	yes	yes	no
3745-76-15	(A)(4)	Shall	Flares used to comply with this rule shall be steam-assisted, air-assisted, or nonassisted	3704.03(E)	State rule mandated by CAA 111(d)	40 CFR Part 60 Subpart Cc	yes	yes	no
3745-76-15	(B)	Shall	shall either comply with the requirements for the heat content specifications and the maximum tip velocity in paragraphs (B)(1) of this rule or the requirements for nonassisted flares having a hydrogen content of 8.0 per cent or greater in paragraph (B)(2) of this rule:	3704.03(E)	State rule mandated by CAA 111(d)	40 CFR Part 60 Subpart Cc	yes	yes	no
3745-76-15	(B)(1)(a)	Shall	Flares shall be used only with the net heating value of the gas being combusted being 11.2 megajoules per standard cubic meter (three hundred Btu per standard cubic foot) or greater	3704.03(E)	State rule mandated by CAA 111(d)	40 CFR Part 60 Subpart Cc	yes	yes	no
3745-76-15	(B)(1)(a)	Shall	The net heating value of the gas being combusted shall be determined by the methods specified in paragraph (D)(3) of this rule	3704.03(E)	State rule mandated by CAA 111(d)	40 CFR Part 60 Subpart Cc	yes	yes	no
3745-76-15	(B)(1)(b)	Shall	Steam-assisted and nonassisted flares shall be designed for and operated with an exit velocity less than 18.3 meters per second	3704.03(E)	State rule mandated by CAA 111(d)	40 CFR Part 60 Subpart Cc	yes	yes	no
3745-76-15	(B)(1)(d)	Shall	This maximum permitted velocity shall be calculated as follows:	3704.03(E)	State rule mandated by CAA 111(d)	40 CFR Part 60 Subpart Cc	yes	yes	no
3745-76-15	(B)(1)(d)	Shall	The actual exit velocity of the flare shall be determined by the methods specified in paragraph (D)(4) of this rule.	3704.03(E)	State rule mandated by CAA 111(d)	40 CFR Part 60 Subpart Cc	yes	yes	no
3745-76-15	(B)(1)(e)	Shall	Air-assisted flares shall be designed and operated with an exit velocity less than the velocity, Vmax MAX, calculated as follows	3704.03(E)	State rule mandated by CAA 111(d)	40 CFR Part 60 Subpart Cc	yes	yes	no
3745-76-15	(B)(1)(d)	Shall	The actual exit velocity of the flare shall be determined by the methods specified in paragraph (D)(4) of this rule.	3704.03(E)	State rule mandated by CAA 111(d)	40 CFR Part 60 Subpart Cc	yes	yes	no
3745-76-15	(B)(2)(a)	Shall	Nonassisted flares shall be used that have a diameter of three inches or greater, and a hydrogen content of 8.0 per cent (by volume), or greater, and	3704.03(E)	State rule mandated by CAA 111(d)	40 CFR Part 60 Subpart Cc	yes	yes	no
3745-76-15	(B)(2)(a)	Shall	and shall be designed for and operated with an exit velocity of less than 37.2 meters per second	3704.03(E)	State rule mandated by CAA 111(d)	40 CFR Part 60 Subpart Cc	yes	yes	no
3745-76-15	(B)(2)(a)	Shall	The actual exit velocity of the flare shall be determined by the methods specified in paragraph (D)(4) of this rule.	3704.03(E)	State rule mandated by CAA 111(d)	40 CFR Part 60 Subpart Cc	yes	yes	no
3745-76-15	(C)	Shall	of flares used to comply with the provisions of this chapter shall monitor these control devices to ensure that they are operated and maintained in conformance	3704.03(E)	State rule mandated by CAA 111(d)	40 CFR Part 60 Subpart Cc	yes	yes	no
3745-76-15	(C)	Shall	Monitoring and record keeping shall be maintained as required in paragraph (C)(4) of	3704.03(E)	State rule mandated by CAA 111(d)	40 CFR Part 60 Subpart Cc	yes	yes	no
3745-76-15	(D)(1)	Shall	Reference Method 22 shall be used to determine the compliance of flares with the visible emission provisions of this rule	3704.03(E)	State rule mandated by CAA 111(d)	40 CFR Part 60 Subpart Cc	yes	yes	no
3745-76-15	(D)(1)	Shall	An observation period of two hours shall be used in accordance with the requirements of Method 22.	3704.03(E)	State rule mandated by CAA 111(d)	40 CFR Part 60 Subpart Cc	yes	yes	no
3745-76-15	(D)(2)	Shall	The presence of a flare pilot flame shall be monitored using a thermocouple or other equivalent device to detect the presence of a flame.	3704.03(E)	State rule mandated by CAA 111(d)	40 CFR Part 60 Subpart Cc	yes	yes	no
3745-76-15	(D)(3)	Shall	The net heating value of the gas being combusted in a flare shall be calculated using the following equation:	3704.03(E)	State rule mandated by CAA 111(d)	40 CFR Part 60 Subpart Cc	yes	yes	no
3745-76-15	(D)(4)	Shall	The actual exit velocity of a flare shall be determined by dividing the volumetric flowrate (in units of standard temperature and pressure),	3704.03(E)	State rule mandated by CAA 111(d)	40 CFR Part 60 Subpart Cc	yes	yes	no
3745-76-01	(B)(7)	required	"Controlled landfill" means any landfill at which collection and control systems are required under this chapter...	3704.03(E)	State rule mandated by CAA 111(d)	40 CFR Part 60 Subpart Cc	yes	yes	no
3745-76-01	(B)(10)	required	"Emission rate cutoff" means the threshold annual emission rate to which a landfill compares its estimated emission rate to determine if control under the regulation is required .	3704.03(E)	State rule mandated by CAA 111(d)	40 CFR Part 60 Subpart Cc	yes	yes	no
3745-76-04		required	Each landfill having a design capacity greater than or equal to 2.5 million megagrams or 2.5 million cubic meters shall calculate the NMOC emission rate as required in rule...	3704.03(E)	State rule mandated by CAA 111(d)	40 CFR Part 60 Subpart Cc	yes	yes	no
3745-76-07	(B)(1)(b)(i)	required	If the NMOC emission rate, upon recalculation required in paragraph (B)(1)(b) of this rule,...	3704.03(E)	State rule mandated by CAA 111(d)	40 CFR Part 60 Subpart Cc	yes	yes	no
3745-76-07	(B)(2)(b)	required	Install a collection and control system that captures the gas generated within the landfill as required under paragraph (B)(2)(b)(i) or (B)(2)(b)(ii)...	3704.03(E)	State rule mandated by CAA 111(d)	40 CFR Part 60 Subpart Cc	yes	yes	no
3745-76-08	(C)(2)(b)	required	A data recorder is not required ;	3704.03(E)	State rule mandated by CAA 111(d)	40 CFR Part 60 Subpart Cc	yes	yes	no
3745-76-08	(C)(2)(c)	required	Only two calibration gases are required , a zero and span, and ambient air may be used as the span;...	3704.03(E)	State rule mandated by CAA 111(d)	40 CFR Part 60 Subpart Cc	yes	yes	no

3745-76-08	(C)(2)(d)	required	A calibration error check is not required ;	3704.03(E)	State rule mandated by CAA 111(d)	40 CFR Part 60 Subpart Cc	yes	yes	no
3745-76-09	(A)(2)(a)	required	...and shall recalculate the NMOC mass emission rate annually as required under...	3704.03(E)	State rule mandated by CAA 111(d)	40 CFR Part 60 Subpart Cc	yes	yes	no
3745-76-09	(A)(3)	required	... If the landfill is larger than twenty five hectares in area, only fifty samples are required . The sample probes should be located...	3704.03(E)	State rule mandated by CAA 111(d)	40 CFR Part 60 Subpart Cc	yes	yes	no
3745-76-09	(A)(3)	required	...If more than the required number of samples are taken, all samples shall be used in the analysis. The landfill owner or operator...	3704.03(E)	State rule mandated by CAA 111(d)	40 CFR Part 60 Subpart Cc	yes	yes	no
3745-76-09	(A)(5)	required	The owner or operator may use other methods to determine the NMOC concentration or a site-specific k as an alternative to the methods required in paragraphs (A)(3) and (A)(4) of this rule if the method has been approved by the director.	3704.03(E)	State rule mandated by CAA 111(d)	40 CFR Part 60 Subpart Cc	yes	yes	no
3745-76-09	(D)	required	For the performance test required in paragraph (B)(2)(c)(iii) of rule 3745-76-07 of the Administrative Code, Method 25C or...	3704.03(E)	State rule mandated by CAA 111(d)	40 CFR Part 60 Subpart Cc	yes	yes	no
3745-76-10	(A)(4)	required	Owners or operators are not required to expand the system as required in paragraph (A)(3) of this rule during the first one hundred eighty days after gas collection system start-up.	3704.03(E)	State rule mandated by CAA 111(d)	40 CFR Part 60 Subpart Cc	yes	yes	no
3745-76-10	(A)(4)	required	Owners or operators are not required to expand the system as required in paragraph (A)(3) of this rule during the first one hundred eighty days after gas collection system start-up.	3704.03(E)	State rule mandated by CAA 111(d)	40 CFR Part 60 Subpart Cc	yes	yes	no
3745-76-10	(C)(4)(c)	required	... and no further monitoring of that location is required until the action specified in paragraph (C)(4)(e) of this rule has been taken.	3704.03(E)	State rule mandated by CAA 111(d)	40 CFR Part 60 Subpart Cc	yes	yes	no
3745-76-10	(C)(4)(d)	required	...no further monitoring of that location is required until the next quarterly monitoring period. If the one-month...	3704.03(E)	State rule mandated by CAA 111(d)	40 CFR Part 60 Subpart Cc	yes	yes	no
3745-76-11	(B)(1)	required	... A temperature monitoring device is not required for boilers or process heaters with design heat input capacity equal to or greater than forty four megawatts.	3704.03(E)	State rule mandated by CAA 111(d)	40 CFR Part 60 Subpart Cc	yes	yes	no
3745-76-11	(E)	required	... or seeking to monitor alternative parameters to those required by rule 3745-76-08 to rule 3745-76-11 of the Administrative Code shall provide...	3704.03(E)	State rule mandated by CAA 111(d)	40 CFR Part 60 Subpart Cc	yes	yes	no
3745-76-12	(A)(3)	required	... This increase in design capacity may result from an increase in permitted volume of the landfill or an increase in the density as documented in the annual recalculation required under paragraph (F) of...	3704.03(E)	State rule mandated by CAA 111(d)	40 CFR Part 60 Subpart Cc	yes	yes	no
3745-76-12	(B)(1)(a)	required	The initial NMOC emission rate report may be combined with the initial design capacity report required in paragraph (A) of this rule....	3704.03(E)	State rule mandated by CAA 111(d)	40 CFR Part 60 Subpart Cc	yes	yes	no
3745-76-12	(C)	required	... within one year of the first report, required under paragraph (B) of this rule, in which the emission rate exceeds fifty...	3704.03(E)	State rule mandated by CAA 111(d)	40 CFR Part 60 Subpart Cc	yes	yes	no
3745-76-12	(C)(1)(b)	required	For boilers or process heaters, whenever there is a change in the location at which the vent stream is introduced into the flame zone as required under paragraph (B)(3) of this rule.	3704.03(E)	State rule mandated by CAA 111(d)	40 CFR Part 60 Subpart Cc	yes	yes	no
3745-76-15	(C)	required	... Monitoring and record keeping shall be maintained as required in paragraph (C)(4) of rule 3745-76-13 and paragraph (C) of rule 3745-76-11 of the Administrative Code.	3704.03(E)	State rule mandated by CAA 111(d)	40 CFR Part 60 Subpart Cc	yes	yes	no

OAC Rule #	Paragraph	Restriction	Description/Quotation	Statutory Authority	State or Fed Law?	If Fed, crosswalk?	Federally delegated program?	Removal would require state or federal law change?	Requirement on the agency or director?
3745-77-01	Intro	shall	The following definitions shall apply to this chapter	3704.03(E), 3704.03(G), 3704.03(X), 3704.03€	Federal	40 CFR Part 70	Yes	Federal	Yes
3745-77-01	(D)	shall	Affected source shall have the meaning given to it in the regulations promulgated under Title IV of the act.	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	No
3745-77-01	(F)	shall	Affected unit shall have the meaning given to it in the regulations promulgated under Title IV of the act.	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	No
3745-77-01	(K)	shall	Designated representative shall have the meaning given to it in paragraph (26) of Section 402 of the act and the regulations promulgated thereunder.	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	No
3745-77-01	(X)	shall	...For the purposes of defining major source, a stationary source or group of stationary sources shall be considered part of a single industrial grouping if all of the pollutant emitting activities at such source or group of sources on contiguous or adjacent properties belong to the same major group...	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	No
3745-77-01	(X)(1)(a)	shall	Notwithstanding the preceding sentence, emissions from any oil or gas exploration or production well (with its associated equipment) and emissions from any pipeline compressor or pump station shall not be aggregated with emissions from other similar units,	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	No
3745-77-01	(X)(1)(b)	shall	For radionuclides, major source shall have the meaning specified by the administrator by rule.	3704.03(E), 3704.03(G), 3704.03(X), 3704.03€	Federal	40 CFR Part 70	Yes	Federal	No
3745-77-01	(X)(2)	shall	...The fugitive emissions of a stationary source shall not be considered in determining whether it is a major stationary source for the purposes of Section 302(j) of the act...	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	No
3745-77-01	(X)(3)(a)	shall	...except that the references in this paragraph to one hundred, fifty, twenty-five, and ten TPY of nitrogen oxides shall not apply with respect to any source for which the administrator has made a finding, ...	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	No
3745-77-01	(DD)	shall	Any physical or operational limitation on the capacity of a source to emit an air pollutant, including air pollution control equipment and restrictions on hours of operation or on the type or amount of material combusted, stored, or processed, shall be treated as part of its design if the limitation or the effect it would have on emissions is federally enforceable or legally and practicably enforceable by the state.	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	No
3745-77-01	(EE)	shall	The preparation and forwarding of a proposed permit shall not constitute a proposed action or a final action of the director.	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	Yes
3745-77-01	(GG)(5)	shall	...If the administrator fails to promulgate a standard by the date established pursuant to section 112(e) of the act, any pollutant for which a subject source would be major shall be considered to be regulated as to that source on the date eighteen months after the applicable date established pursuant to Section 112(e) of the act;...	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	Yes
3745-77-01	(II)	shall	Research and development sources shall have the same meaning as in section 3704.01 of the Revised Code.	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	No
3745-77-01	(C)(3)	requires	Requires more frequent monitoring or reporting by the permittee.	3704.03(E), 3704.03(G), 3704.03(X), 3704.03€	Federal	40 CFR Part 70	Yes	Federal	No
3745-77-01	(G)	require	Agency means the Ohio environmental protection agency or its director as the context or other law or rules may require .	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	Yes
3745-77-01	(H)(4)	required	Any standard or other requirement under Section 112 of the act, including any requirement concerning accident prevention under Section 112(r)(7) of the act, provided however that the contents of a risk management plan required under Section 112(r) of the act need not be included in the Title V permit application or permit.	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	No
3745-77-01	(N)	required	Emissions allowable under the Title V permit means a federally enforceable permit term or condition determined at issuance to be required by an applicable requirement that establishes an emissions limit (including a work practice standard) or a federally enforceable emissions cap that the source has assumed to avoid an applicable requirement to which the source would otherwise be subject.	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	No
3745-77-01	(S)	required	Final permit" means the version of a Title V permit issued by the director for which all review procedures required by rule 3745-77-08 of the Administrative Code have been completed, or a Title V permit issued by the administrator pursuant to 40 CFR 70.8(C)(4).	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	Yes
3745-77-02	(A)	shall not	Except as provided in paragraph (H)(1)(a) of rule 3745-77-07 of the Administrative Code, and paragraphs (C)(1)(f) and (C)(2)(e) of rule 3745-77-08 of the Administrative Code and in the following sentence, the owner or operator of a Title V source shall not operate such source after the date that a timely and complete Title V permit application is required to be submitted under this chapter	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	No
3745-77-02	(A)	shall	This protection shall cease to apply upon the effectiveness of the director's final determination that the application is not complete pursuant to paragraphs (A) and (B) of rule 3745-77-05 of the Administrative Code.	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	No

3745-77-02	(C)(2)	shall	In the case of nonmajor sources subject to a standard or other requirement promulgated under either Section 111 or 112 of the act after July 21, 1992, such nonmajor sources shall become subject to the Title V permitting requirements if so required by the standard or other requirement adopted by the administrator.	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	No
3745-77-02	(D)	shall	The permit application shall be processed in the same manner as permit applications for non-exempt Title V sources.	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	Yes
3745-77-02	(E)(1)	shall	The federally enforceable portion of the permit shall include all applicable requirements for all relevant emissions units at the major source as specified in paragraph (A) of rule 3745-77-07 of the Administrative Code.	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	No
3745-77-02	(E)(2)	shall	For any non major source subject to this rule, the director shall include in the permit all requirements applicable to emissions units that cause the source to be subject to a Title V permit.	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	No
3745-77-02	(F)	shall	Fugitive emissions information from a Title V source shall be included in the permit application and the permit in the same manner as stack emissions, regardless of whether the source category in question is included in the list of sources contained in the definition of major source.	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	No
3745-77-02	(G)	shall	Insignificant activities and emissions levels. Insignificant activities and emissions levels shall be exempted from the permit application requirements of this rule except for...	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	No
3745-77-02	(G)	shall	...provided that insignificant emission activities that are exempted because of size or production rate shall be identified in the permit application...	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	No
3745-77-02	(G)	shall	...Nothing in this paragraph shall affect the determination of whether a stationary source is a major source.	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	No
3745-77-02	(H)	shall	Applicability determinations. Upon written request of a Title V permit applicant, the director shall make a determination of the applicability or inapplicability...	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	Yes
3745-77-02	(H)	shall	...and shall include that determination or a concise summary of it in the applicant's Title V permit.	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	Yes
3745-77-02	(A)	required	...a timely and complete Title V permit application is required to be submitted under this chapter...	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	No
3745-77-02	(B)(3)	required	...except that a source is not required to obtain a permit solely because it is subject to regulations...	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	No
3745-77-02	(C)(1)	required	...affected sources, or solid waste incineration units required to obtain a permit pursuant to Section 129(e) of the act, ...	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	No
3745-77-02	(C)(1)	required	...are exempt from the obligation to obtain a Title V permit unless required to do so under rules promulgated by the administrator.	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	No
3745-77-02	(C)(2)	required	such nonmajor sources shall become subject to the Title V permitting requirements if so required by the standard	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	No
3745-77-03	(A)	shall	The owner or operator of a source that is subject to the Title V permit program as provided in rule 3745-77-02 of the Administrative Code shall submit Title V permit applications in the manner and form prescribed by the director for that purpose.	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	No
3745-77-03	(A)	shall	The applicant shall submit the information required by this rule for each emissions unit at the source to be permitted	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	No
3745-77-03	(B)	shall	The director shall honor all such requests based on proper definitions of emissions units.	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	Yes
3745-77-03	(C)	shall	Required information. The standard application form shall require...	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	No
3745-77-03	(C)	shall	...and the applicant shall provide, all of the following information	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	No
3745-77-03	(C)(3)(a)	shall	The application shall describe all emissions of regulated air pollutants emitted from any emissions unit	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	No
3745-77-03	(C)(3)(a)	shall	The applicant shall provide additional information related to such emissions of air pollutants sufficient to verify which requirements...	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	No
3745-77-03	(C)(3)(a)	shall	All emission estimates shall be performed in accordance with reasonable, appropriate and available engineering techniques.	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	No
3745-77-03	(C)(5)(b)	shall	The proposed compliance date shall be approved by the director...	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	Yes
3745-77-03	(C)(5)(b)	shall	...and in no case shall the compliance date be more than eight years from the date of promulgation of the standard.	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	Yes
3745-77-03	(C)(9)	shall	Description of the compliance status of the Title V source with respect to all applicable requirements, which shall include all of the following:	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	No
3745-77-03	(C)(9)(b)	shall	A statement that the source will meet in a timely manner such requirements that become effective during the permit term shall satisfy this provision	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	No
3745-77-03	(C)(9)(c)	shall	The compliance schedule shall include a schedule of remedial measures	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	No
3745-77-03	(C)(9)(c)	shall	This compliance schedule shall resemble and be at least as stringent as that contained in any judicial consent decree or administrative order	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	No
3745-77-03	(C)(9)(c)	shall	Any such schedule of compliance shall be supplemental to...	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	No
3745-77-03	(C)(9)(c)	shall	...and shall not sanction noncompliance with the applicable requirements on which it is based.	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	No

3745-77-03	(C)(9)(e)	shall	The compliance plan content requirements specified in paragraphs (C)(9)(a) to (C)(9)(d) of this rule shall apply and be included in the acid rain portion of a compliance plan	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	No
3745-77-03	(C)(9)(f)	shall	the applicant shall specify the compliance status of the requirement to register such a plan.	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	No
3745-77-03	(C)(10)	shall	Compliance certification shall include all of the following	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	No
3745-77-03	(C)(10)(e)	shall	the applicant shall certify compliance with the requirement to register such a plan.	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	No
3745-77-03	(D)	shall	Any application form, report, or compliance certification submitted pursuant to this chapter shall contain certification by a responsible official	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	No
3745-77-03	(D)	shall	This certification and any other certification requirement under this chapter shall state that...	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	No
3745-77-03	(E)	shall	The application shall clearly identify any information the applicant claims is confidential as business information...	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	No
3745-77-03	(E)	shall	and shall include a brief statement of the basis for any such claim.	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	No
3745-77-03	(E)	shall	Information claimed to be confidential shall not thereafter be released except as provided by either condition listed as follows	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	No
3745-77-03	(E)(1)	shall	If the administrator requests information subject to a claim of confidentiality, the director shall promptly require in writing that the applicant submit the information	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	Yes
3745-77-03	(E)(1)	shall	...the director shall submit such information and claim of confidentiality directly to the administrator	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	Yes
3745-77-03	(E)(2)	shall	If a third party request information subject to a claim of confidentiality, such information shall be released only after the director finds the claim of confidentiality is not justified,	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	Yes
3745-77-03	(F)	shall	Any applicant who fails to submit any relevant facts or who has submitted incorrect information in a permit application shall , upon becoming aware of such failure or incorrect submittal, promptly submit such supplementary facts	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	No
3745-77-03	(F)	shall	In addition, an applicant shall provide additional information as necessary to address any requirements that become applicable to the source after the date it filed a complete application but prior to release of a draft permit.	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	No
3745-77-03	(A)	must	The applicant must identify any such insignificant activities and emissions levels that are exempted because of size or production rate.	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	No
3745-77-02	(C)(3)(a)	required	All sources and source categories that would be required to obtain a permit solely because they are subject to 40 CFR Part 60, Subpart AAA - "Standards of Performance for New Residential Wood Heaters."	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	No
3745-77-02	(C)(3)(b)	required	All sources and source categories that would be required to obtain a permit solely because they are subject to 40 CFR Part 61, Subpart M - "National Emission Standard for Hazardous Air Pollutants for Asbestos;" 40 CFR 61.145 "Standard for Demolition and Renovation."	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	No
3745-77-02	(C)(3)(c)	required	All sources and source categories that would be required to obtain a permit solely because they are subject to 40 CFR Part 63, Subpart M - "Perchloroethylene Dry Cleaning."	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	No
3745-77-02	(C)(3)(d)	required	All sources and source categories that would be required to obtain a permit solely because they are subject to 40 CFR Part 63, Subpart N - "Hard and Decorative Chromium Electroplating and Chromium Anodizing."	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	No
3745-77-02	(C)(3)(e)	required	All sources and source categories that would be required to obtain a permit solely because they are subject to 40 CFR Part 63, Subpart O - "Commercial Ethylene Oxide Sterilization."	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	No
3745-77-02	(C)(3)(f)	required	All sources and source categories that would be required to obtain a permit solely because they are subject to 40 CFR Part 63, Subpart T - "Halogenated Solvent Cleaning."	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	No
3745-77-02	(C)(3)(g)	required	All sources and source categories that would be required to obtain a permit solely because they are subject to 40 CFR Part 63, Subpart RRR - "Secondary Aluminum Production."	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	No
3745-77-03	(A)	required	submit the information required by this rule for each emissions unit at the source to be permitted	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	No
3745-77-03	(A)	required	or to evaluate the fee amount required under section 3745.11 of the Revised Code	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	No
3745-77-03	(B)	required	for any one or more emissions units at the same facility required to have a Title V permit.	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	No
3745-77-03	(C)	required	Required information	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	No
3745-77-03	(C)	require	The standard application form shall require	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	No
3745-77-03	(C)(3)(g)	required	Other information required by any applicable requirement	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	No
3745-77-03	(C)(9)(b)	required	unless a more detailed plan or schedule is required by the requirement.	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	No
3745-77-03	(C)(9)(d)	required	for sources required to have a schedule of compliance to remedy a violation.	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	No
3745-77-03	(C)(9)(f)	required	If the owner or operator of the source is required to develop and register a risk management plan pursuant to Section 112(r) of the act	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	No
3745-77-03	(C)(10)(e)	required	If the owner or operator of the source is required to develop and register a risk management plan pursuant to Section 112(r) of the act	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	No
3745-77-03	(C)(11)	required	as required by regulations promulgated under Title IV of the act.	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	No
3745-77-03	(E)(1)	require	the director shall promptly require in writing that the applicant submit the information and claim of confidentiality directly to the administrator	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	Yes

3745-77-03	(A)	may not	An applicant may not omit information for an emissions unit, including information for insignificant activities or emission levels, that is necessary to determine the applicability of any applicable requirement, to impose any applicable requirement, or to evaluate the fee amount required under section 3745.11 of the Revised Code	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	No
3745-77-04	(A)	shall	...the owner or operator of a source for which a timely and complete Title V permit application has been filed pursuant to this rule and rule 3745-77-05 of the Administrative Code shall continue to comply with all effective terms and conditions of permit-to-install, permits-to-install and operate and permits-to-operate that were issued to one or more emissions units at such source...	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	No
3745-77-04	(A)	shall	The filing of a timely and complete Title V permit application shall have the same effect as filing an application for a renewal of a permit-to-install and operate for purposes of section 119.06 of the Revised Code.	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	No
3745-77-04	(B)	shall	Sources required to obtain a Title V permit shall submit an application no later than the date specified below based on the location of the source:	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	No
3745-77-04	(B)(1)	shall	Sources that are located within the areas identified in appendix A to this rule shall file an application in accordance with rule 3745-77-03 of the Administrative Code by no later than sixty days after approval of the Title V permit program.	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	No
3745-77-04	(B)(2)	shall	Sources that are located within the areas identified in appendix B to this rule shall file an application in accordance with rule 3745-77-03 of the Administrative Code by no earlier than sixty-one days after approval of the Title V permit program and no later than one hundred eighty days after approval of the Title V permit program.	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	No
3745-77-04	(B)(3)	shall	Sources that are located within the areas identified in appendix C to this rule shall file an application in accordance with rule 3745-77-03 of the Administrative Code by no earlier than one hundred eighty-one days after approval of the Title V permit program and no later than three hundred sixty-five days after approval of the Title V permit program.	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	No
3745-77-04	(B)(4)	shall	Sources subject to paragraph (B)(1) or (B)(2) of this rule may submit a request at least forty-five days prior to the Title V permit application submittal deadline and request up to a ninety day extension of time to submit a Title V permit application. The director shall act on the request within thirty days or the request will automatically be approved.	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	Yes
3745-77-04	(C)	shall	Notwithstanding the provisions of paragraph (B) of this rule, no initial Title V permit application shall be due less than one year after the effective date of this rule.	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	No
3745-77-04	(D)	shall	Sources required to have a preconstruction permit under Part C or Part D of Title I of the act shall submit a complete Title V permit application within twelve months after commencing operation	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	No
3745-77-04	(E)	shall	Title V permit renewal applications shall be filed no earlier than eighteen months and no later than six months prior to the expiration of the Title V permit.	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	No
3745-77-04	(F)	shall	Applications for initial phase II acid rain permits shall be submitted to the director by January 1, 1996, for sulfur dioxide, and by January 1, 1998, for nitrogen oxides.	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	No
3745-77-04	(G)	shall	An owner or operator of a Title V source required to meet the requirements of Section 112(g) of the act shall file a Title V permit application within twelve months after commencing operation of a modification subject to that section.	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	No
3745-77-04	(H)	shall	An application filed by the appropriate due date in this rule, and, where necessary, supplemented in accordance with rule 3745-77-05 of the Administrative Code, shall be deemed timely.	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	No
3745-77-04	(D)	must	Title V permit revision must be obtained before operation of such new or modified source.	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	No
3745-77-04	(B)	required	Sources required to obtain a Title V permit shall submit an application no later than the date specified below based on the location of the source	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	No
3745-77-04	(D)	required	other than a source required to file under paragraph (B) of this rule	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	No
3745-77-04	(D)	required	Sources required to have a preconstruction permit under Part C or Part D of Title I of the act shall submit a complete Title V permit application	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	No
3745-77-04	(G)	required	An owner or operator of a Title V source required to meet the requirements of Section 112(g) of the act	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	No
3745-77-04	(D)	prohibit	provided that where an existing Title V permit would prohibit construction or operation of such new or modified source	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	No
3745-77-05	(A)	shall	A complete application shall include a certification by a responsible official of the truth, accuracy, and completeness of the information in the application, based on information and belief formed after reasonable inquiry by the responsible official.	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	No
3745-77-05	(B)(1)	shall	The director shall promptly provide notice to the applicant for a Title V permit of whether the application is complete.	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	Yes
3745-77-05	(B)(1)	shall	Unless the director determines within sixty days after receipt of the application that the application is not complete, and issues a written notice of such determination as provided in paragraph (B)(2) of this rule, the application shall be deemed to be complete.	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	Yes
3745-77-05	(B)(2)	shall	Any such request shall identify the information requested with reasonable specificity...	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	Yes

3745-77-05	(B)(2)	shall	...and shall provide a reasonable time period, not less than fifteen days, for the applicant's submission of the requested information.	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	Yes
3745-77-05	(B)(3)	shall	If an applicant fails to make a good faith and timely response to a request for additional information under this rule with regard to an application that the director believes to be incomplete, the director shall offer to meet with the applicant within seven days after issuance of a letter for failure to submit the requested information.	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	Yes
3745-77-05	(B)(3)	shall	If the meeting or meeting offer fails to obtain a complete application from the applicant, the director, without prior hearing, shall make a final determination that the application is not complete.	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	Yes
3745-77-05	(B)(3)	shall	Any such determination shall not become effective until twenty days after notice of the determination is sent to the applicant by certified mail.	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	Yes
3745-77-05	(C)	shall	The submittal of a complete Title V permit application shall not affect the applicability of Chapter 3745-31 of the Administrative Code to any source that is required to have a permit-to-install under that chapter.	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	No
3745-77-05	(A)	required	A complete Title V permit application is one that contains all the information applicable to the facility required pursuant to rule 3745-77-03...	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	No
3745-77-05	(B)(1)	required	A completeness determination is not required for modifications processed through minor permit modification procedures contained in rule 3745-77-08 of the Administrative Code	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	No
3745-77-05	(C)	required	The submittal of a complete Title V permit application shall not affect the applicability of Chapter 3745-31 of the Administrative Code to any source that is required to have a permit-to-install under that chapter.	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	No
3745-77-06	(B)	shall	For purposes of this rule only, an application filed under paragraph (B) of rule 3745-77-04 of the Administrative Code shall not be considered untimely unless it is filed later than October 1, 1996.	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	No
3745-77-07	(A)	shall	Each Title V permit shall include all of the following:	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	Yes
3745-77-07	(A)(1)	shall	The permit shall include emission limitations and standards, including those operational requirements and limitations that assure compliance with all applicable requirements at the time of issuance.	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	Yes
3745-77-07	(A)(1)(a)	shall	The Title V permit shall specify authority for each term or condition, and identify any difference in form as compared to the applicable requirement upon which the term or condition is based.	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	Yes
3745-77-07	(A)(1)(b)	shall	The Title V permit shall state that, where an applicable requirement of the act is more stringent than an applicable requirement of regulations promulgated under Title IV of the act...	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	Yes
3745-77-07	(A)(1)(b)	shall	...both provisions shall be incorporated into the permit and shall be federally enforceable.	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	Yes
3745-77-07	(A)(1)(c)	shall	...such an alternative emission limit or means of compliance shall be included in the permit upon a showing satisfactory to the director that it is quantifiable, accountable, enforceable, and based on replicable procedures.	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	Yes
3745-77-07	(A)(1)(c)	shall	The applicant shall include in the permit application proposed permit terms and conditions to satisfy the requirements of this paragraph.	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	Yes
3745-77-07	(A)(2)	shall	The director shall issue Title V permits for a fixed period, not to exceed five years, except as follows	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	Yes
3745-77-07	(A)(2)(a)	shall	Permits issued to affected sources shall in all cases have a fixed term of five years.	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	Yes
3745-77-07	(A)(2)(b)	shall	Permits issued to solid waste incineration units combusting municipal waste subject to standards under Section 129(e) of the act shall have a term not to exceed twelve years.	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	Yes
3745-77-07	(A)(2)(b)	shall	Such permits shall be reviewed every five years.	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	Yes
3745-77-07	(A)(3)(a)	shall	Each permit shall contain all of the following requirements with respect to monitoring:	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	Yes
3745-77-07	(A)(3)(a)(ii)	shall	Such monitoring requirements shall assure use of terms, test methods, units, averaging periods, and other statistical conventions consistent with the applicable requirement.	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	Yes
3745-77-07	(A)(3)(b)	shall	With respect to recordkeeping, the permit shall incorporate all applicable requirements that relate to recordkeeping and require, where applicable, all of the following	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	Yes
3745-77-07	(A)(3)(b)(ii)	shall	The permit shall specify that records may be maintained in computerized form.	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	Yes
3745-77-07	(A)(3)(c)	shall	With respect to reporting, the permit shall incorporate all applicable requirements that relate to reporting.	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	Yes
3745-77-07	(A)(3)(c)	shall	The permit shall also require all of the following:	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	Yes
3745-77-07	(A)(3)(c)(i)	shall	To the extent possible, the schedule for submission of such reports shall be timed to coincide with other periodic reports required by the permit, including the permittee's annual compliance certification.	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	Yes
3745-77-07	(A)(3)(c)(ii)	shall	That each report submitted under paragraph (A)(3)(c)(i) of this rule shall clearly identify any deviations from the permit requirements that have occurred since the previous report has been submitted.	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	Yes
3745-77-07	(A)(3)(c)(iii)	shall	That each permit shall require prompt reporting of deviations from federally enforceable permit requirements	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	Yes

3745-77-07	(A)(3)(c)(iii)	shall	Malfunctions that are reported in accordance with rule 3745-15-06 of the Administrative Code shall be referenced in the deviation reports required by this paragraph.	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	Yes
3745-77-07	(A)(3)(c)(iii)	shall	Deviations resulting from approved requests for scheduled maintenance of air pollution control equipment pursuant to paragraph (A) of rule 3745-15-06 of the Administrative Code also shall be reported in accordance with this paragraph.	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	Yes
3745-77-07	(A)(3)(c)(iv)	shall	Unless otherwise specified in the specific permit terms and conditions for an emissions unit, prompt reporting for the purpose of this rule shall be quarterly for all deviations from emission limitations...	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	Yes
3745-77-07	(A)(3)(c)(v)	shall	That each report required under paragraph (A)(3)(c) of this rule shall be signed by a responsible official certifying that, based on information and belief formed after reasonable inquiry, the statements and information in the report are true, accurate, and complete.	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	Yes
3745-77-07	(A)(4)	shall	If the owner or operator of the source is required to develop and register a risk management plan pursuant to Section 112(r) of the act, the permit shall specify that the permittee will comply with the requirement to register such a plan.	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	Yes
3745-77-07	(A)(5)	shall	The permit shall include provisions necessary to ensure compliance by an affected source with the requirements of 40 CFR Part 72.	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	Yes
3745-77-07	(A)(5)	shall	The permit shall prohibit emissions exceeding any allowances that the source lawfully holds under Title IV of the act or the regulations promulgated thereunder.	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	Yes
3745-77-07	(A)(5)(a)	shall	No permit revision shall be required for increases in emissions that are authorized by allowances acquired pursuant to the acid rain program, provided that such increases do not require a permit revision under any other applicable requirement.	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	Yes
3745-77-07	(A)(5)(b)	shall	No limit shall be placed on the number of allowances held by the source.	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	Yes
3745-77-07	(A)(5)(c)	shall	Any such allowance shall be accounted for according to the procedures established in regulations promulgated under Title IV of the act.	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	Yes
3745-77-07	(A)(6)	shall	The Title V permit shall include a severability clause to ensure the continued validity of the various permit requirements in the event of a challenge to any portions of the permit.	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	Yes
3745-77-07	(A)(7)	shall	The Title V permit shall include provisions stating all of the following:	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	Yes
3745-77-07	(A)(7)(b)	shall	It shall not be a defense for a permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the federally enforceable conditions of the permit.	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	Yes
3745-77-07	(A)(7)(e)	shall	The permittee shall furnish to the director, upon receipt of a written request and within a reasonable time, any information that the director may request to determine whether cause exists for modifying, reopening, or revoking the permit or to determine compliance with the permit.	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	Yes
3745-77-07	(A)(7)(e)	shall	Upon request, the permittee shall also furnish to the director copies of records required to be kept by the permit.	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	Yes
3745-77-07	(A)(8)	shall	The permit shall provide that the permittee will pay fees to the director in accordance with section 3745.11 of the Revised Code and Chapter 3745-78 of the Administrative Code.	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	Yes
3745-77-07	(A)(9)	shall	The permit shall provide that no permit revision shall be required under any approved economic incentive, marketable permits, emissions trading, and other similar programs or processes for changes that are provided for in the permit.	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	Yes
3745-77-07	(A)(9)	shall	The permit shall provide that no permit revision shall be required under any approved economic incentive, marketable permits, emissions trading, and other similar programs or processes for changes that are provided for in the permit.	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	Yes
3745-77-07	(A)(10)	shall	The permit shall include terms and conditions applicable to all operating scenarios described in the permit application	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	Yes
3745-77-07	(A)(10)	shall	As approved by the director, the permit shall authorize the permittee to make changes among operating scenarios authorized in the permit without notice...	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	Yes
3745-77-07	(A)(10)	shall	...but shall require the permittee, contemporaneous with making a change from one operating scenario to another, to record in a log at the permitted facility the scenario under which it is operating.	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	Yes
3745-77-07	(A)(10)	shall	The permit shield provided in paragraph (F) of this rule shall apply to all operating scenarios authorized in the permit.	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	Yes
3745-77-07	(A)(11)	shall	The permit shall include terms and conditions, if the permit applicant requests them...	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	Yes
3745-77-07	(A)(11)(a)	shall	Shall include all terms required under paragraphs (A) and (C) of this rule to determine compliance.	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	Yes
3745-77-07	(A)(12)	shall	Each issued permit shall include provisions specifying the conditions under which the permit will be reopened prior to the expiration of the permit.	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	Yes
3745-77-07	(A)(13)(a)	shall	shall be listed in the federally enforceable portion of the permit along with the applicable requirements or the identification number of each permit to install that establishes one or more applicable requirements for the insignificant activities and emissions levels.	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	Yes
3745-77-07	(B)	shall	Federally enforceable terms and conditions shall be identified as such in the permit.	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	Yes

3745-77-07	(B)	shall	Voluntary restrictions established in the permit to avoid federal applicable requirements shall be identified as federally enforceable terms and conditions.	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	Yes
3745-77-07	(B)	shall	Federally enforceable terms and conditions shall be clearly differentiated from terms and conditions that are not required under the act or any applicable requirements and that are imposed pursuant to state law only.	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	Yes
3745-77-07	(B)	shall	Terms and conditions that are not required under the act or any of its applicable requirements shall be identified as such in the permit and clearly differentiated from those that are.	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	Yes
3745-77-07	(B)(2)	shall	All other terms and conditions of a Title V permit not described in paragraph (B)(1) of this rule shall not be federally enforceable...	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	Yes
3745-77-07	(B)(2)	shall	and shall be enforceable under state law only.	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	Yes
3745-77-07	(C)	shall	The federally enforceable portion of each Title V permit shall contain all of the following elements with respect to compliance	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	Yes
3745-77-07	(C)(1)	shall	Any document (including reports) required by a Title V permit shall contain a certification by a responsible official that, based on information and belief formed after reasonable inquiry, the statements in the document are true, accurate, and complete.	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	No
3745-77-07	(C)(2)	shall	...the permittee shall allow the director or an authorized representative of the director to do all of the following	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	No
3745-77-07	(C)(3)	shall	A requirement that sources meet in a timely manner applicable requirements that become effective during the permit term and shall contain an approved schedule of compliance for sources that are not in compliance with all applicable requirements at the time of permit issuance.	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	Yes
3745-77-07	(C)(3)	shall	Such a schedule of compliance shall include a schedule of remedial measures, including an enforceable sequence of actions with milestones, leading to compliance with any applicable requirements for which the source will be in noncompliance at the time of permit issuance.	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	Yes
3745-77-07	(C)(3)	shall	Such a schedule of compliance shall resemble and be at least as stringent as that contained in any judicial or administrative order or consent decree to which the source is subject.	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	Yes
3745-77-07	(C)(3)	shall	Any such schedule of compliance shall be supplemental to, and shall not sanction noncompliance with, the applicable requirements on which it is based	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	Yes
3745-77-07	(C)(3)	shall	Any such schedule of compliance shall be supplemental to, and shall not sanction noncompliance with, the applicable requirements on which it is based	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	Yes
3745-77-07	(C)(4)	shall	Progress reports shall contain both of the following	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	No
3745-77-07	(C)(5)	shall	Each permit shall specify all of the following	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	Yes
3745-77-07	(C)(5)(a)	shall	The frequency (which shall be annual unless the applicable requirement specifies submission more frequently) or submissions of compliance certifications.	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	Yes
3745-77-07	(D)(2)	shall	The director shall , following receipt of an application for a general permit, or upon a determination that issuance of a general permit for a category of sources may be appropriate, follow the same procedures for allowance of a general permit as for any other permit issued under this part.	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	Yes
3745-77-07	(D)(4)	shall	A general Title V permit issued under paragraph (D) of this rule shall identify criteria by which sources may qualify for the general permit.	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	Yes
3745-77-07	(D)(4)	shall	A general permit shall apply to the owner or operator of a facility or air contaminant source only upon application of the owner or operator to, and acceptance by, the director.	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	Yes
3745-77-07	(D)(4)(a)	shall	A request for coverage under a general permit shall identify the source and provide information sufficient to demonstrate that it falls within the source category covered by the general permit	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	Yes
3745-77-07	(D)(4)(a)	shall	Such request shall conform to the application requirements in the general permit, which may deviate from the application requirements set forth in rule 3745-77-03 of the Administrative Code...	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	Yes
3745-77-07	(D)(4)(b)	shall	The director shall act to approve or deny the request for coverage under a general permit within ninety days of receipt.	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	Yes
3745-77-07	(D)(5)	shall	A copy of the general Title V permit, together with a list of sources approved for coverage under it, shall be kept on file by the director for public review.	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	Yes
3745-77-07	(D)(6)	shall	A general Title V permit issued under this section shall provide that any source approved for coverage...	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	Yes
3745-77-07	(D)(6)	shall	...under a general Title V permit shall be entitled to the protection of the permit shield under paragraph (F) of this rule for all operations, emissions, and activities addressed by the general Title V permit.	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	Yes
3745-77-07	(D)(6)	shall	Notwithstanding these shield provisions, the owner or operator of any such source shall be subject to enforcement action for operation without a Title V permit if the source is later determined not to qualify for the conditions and terms of the general permit.	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	Yes
3745-77-07	(D)(7)	shall	In such a case, the source's permit shall identify all operations, emissions, and activities that are subject to general permits and incorporate those general Title V permits by reference.	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	Yes
3745-77-07	(E)	shall	No affected source shall be permitted as a temporary source.	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	Yes

3745-77-07	(E)	shall	Permits for temporary sources shall include all of the following	3704.03(E), 3704.03(G), 3704.03(X), 3704.03€	Federal	40 CFR Part 70	Yes	Federal	Yes
3745-77-07	(F)(1)	shall	Each permit issued under this rule shall include a permit shield provision...	3704.03(E), 3704.03(G), 3704.03(X), 3704.03€	Federal	40 CFR Part 70	Yes	Federal	Yes
3745-77-07	(F)(1)	shall	...which shall state that compliance with the terms and conditions of the permit...	3704.03(E), 3704.03(G), 3704.03(X), 3704.03€	Federal	40 CFR Part 70	Yes	Federal	Yes
3745-77-07	(F)(1)	shall	... shall be deemed compliance with the applicable requirements identified and addressed in the permit as of the date of permit issuance.	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	Yes
3745-77-07	(F)(2)	shall	Upon written request of the permit applicant, the director shall include in the permit, or in a separate written finding issued with the permit...	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	Yes
3745-77-07	(F)(2)	shall	The permit applicant shall specify in the request for such a determination the requirements as to which the determination is requested.	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	No
3745-77-07	(F)(2)	shall	If the determination is issued in a separate finding, that finding shall be summarized in the permit.	3704.03(E), 3704.03(G), 3704.03(X), 3704.03€	Federal	40 CFR Part 70	Yes	Federal	Yes
3745-77-07	(F)(2)	shall	The permit shall state that the permit shield applies to any requirements so identified.	3704.03(E), 3704.03(G), 3704.03(X), 3704.03€	Federal	40 CFR Part 70	Yes	Federal	Yes
3745-77-07	(F)(2)	shall	Nothing in paragraph (F) of this rule or in the permit shall alter or affect any of the following:	3704.03(E), 3704.03(G), 3704.03(X), 3704.03€	Federal	40 CFR Part 70	Yes	Federal	Yes
3745-77-07	(G)	shall	An emergency shall not include noncompliance caused by improperly designed equipment, lack of preventive maintenance, careless or improper operation, or operator error.	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	No
3745-77-07	(G)(3)	shall	The affirmative defense of emergency shall be demonstrated through properly signed, contemporaneous operating logs, or other relevant evidence showing all of the following	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	No
3745-77-07	(H)(1)	shall	An owner or operator of a stationary source with a Title V permit is authorized, and each permit issued under this rule shall expressly provide such authorization, to make a change, as provided in paragraphs (H)(1)(a) to (H)(1)(c) of this rule, within the permitted stationary source without obtaining a permit revision...	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	No
3745-77-07	(H)(1)(b)	shall	Compliance with the permit requirements that the source will meet using the emissions trade shall be determined according to requirements of the applicable implementation plan authorizing emissions trades.	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	No
3745-77-07	(H)(1)(c)(i)	shall	Upon the applicant's request in a Title V permit application, the director shall issue a permit that contains terms and conditions, including all terms required under this rule to determine compliance...	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	Yes
3745-77-07	(H)(1)(c)(ii)	shall	The permit applicant shall include in its application proposed replicable procedures and permit terms that ensure that the emissions trades are quantifiable and enforceable.	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	No
3745-77-07	(H)(1)(c)(iii)	shall	The director shall not be required to include in the emissions trading provisions any emissions units for which emissions are not quantifiable or for which there are no replicable procedures to enforce the emissions trades.	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	Yes
3745-77-07	(H)(1)(c)(iii)	shall	The permit shall require compliance with all applicable requirements	3704.03(E), 3704.03(G), 3704.03(X), 3704.03€	Federal	40 CFR Part 70	Yes	Federal	Yes
3745-77-07	(H)(2)(a)	shall	Written notification to the administrator and director required under paragraph (H)(1) of this rule shall be provided a minimum of seven days in advance of the proposed changes, unless the change is associated with, or in response to, emergency conditions.	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	No
3745-77-07	(H)(2)(b)	shall	If less than seven days notice is provided because of a need to respond more quickly to such emergency conditions, the permittee shall provide notice to the administrator and the director as soon as possible after learning of the need to make the change.	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	No
3745-77-07	(H)(2)(c)	shall	The permittee and the director shall thereafter attach each such notice to their copy of the relevant permit.	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	Yes
3745-77-07	(H)(2)(d)	shall	The written notification required in paragraph (H)(1)(a) of this rule shall include one of the following:	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	No
3745-77-07	(H)(2)(d)(i)	shall	For sources making changes under paragraph (H)(1)(a) of this rule, the notification shall include all of the following:	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	No
3745-77-07	(H)(2)(d)(ii)	shall	For sources implementing emission trades as provided in paragraph (H)(1)(b) of this rule, the notification shall include all of the following	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	No
3745-77-07	(H)(2)(d)(iii)	shall	For sources implementing emission trades as provided in paragraph (H)(1)(c) of this rule, the notification shall include all of the following	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	No
3745-77-07	(H)(3)	shall	The permit shield provided under paragraph (F) of this rule shall not apply to changes made under this paragraph, except those provided for in paragraph (H)(1)(c) of this rule	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	No
3745-77-07	(H)(3)	shall	however, the protection of the permit shield shall continue to apply to operations and emissions that are not affected by the change, provided that the permittee complies with the terms and conditions of the permit applicable to such operations and emissions.	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	No
3745-77-07	(H)(3)(b)	shall	Nothing in this paragraph shall be construed as requiring such a modification to be obtained.	3704.03(E), 3704.03(G), 3704.03(X), 3704.03€	Federal	40 CFR Part 70	Yes	Federal	No
3745-77-07	(I)(2)	shall	The permittee provides contemporaneous written notice of the change to the director and the administrator, except that no such notice shall be required for changes involving insignificant emission levels or activities as defined in rule 3745-77-01 of the Administrative Code	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	No
3745-77-07	(I)(2)	shall	Such written notice shall describe each such change, the date of such change, any change in emissions or pollutants emitted, and any federally applicable requirement that would apply as a result of the change.	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	No
3745-77-07	(I)(3)	shall	The change shall not qualify for the permit shield under paragraph (F) of this rule.	3704.03(E), 3704.03(G), 3704.03(X), 3704.03€	Federal	40 CFR Part 70	Yes	Federal	No

3745-77-07	(I)(4)	shall	The permittee shall keep a record describing all changes made at the source that result in emissions of a regulated air pollutant subject to an applicable requirement, but not otherwise regulated under the permit, and the emissions resulting from those changes.	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	No
3745-77-07	(I)	shall	Nothing in paragraph (I) of this rule shall affect any applicable obligation under Chapter 3745-31 of the Administrative Code.	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	No
3745-77-07	(A)(7)	must	The permittee must comply with all conditions of the permit.	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	No
3745-77-07	(A)(11)(c)	must	Must meet all applicable requirements and requirements of this chapter.	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	No
3745-77-07	(C)(2)(a)	must	Enter upon the permittee's premises where a source is located or emissions-related activity is conducted, or where records must be kept under the conditions of the permit.	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	No
3745-77-07	(C)(2)(b)	must	Have access to and copy, at reasonable times, any records that must be kept under the conditions of the permit	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	No
3745-77-07	(C)(4)	must	Progress reports must be submitted semiannually	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	No
3745-77-07	(E)	must	The operation must be temporary and involve at least one change of location during the term of the permit.	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	No
3745-77-07	(G)(3)(d)	must	Such notice must contain a description of the emergency, any steps taken to mitigate emissions, and corrective actions taken.	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	No
3745-77-07	(A)(5)(b)	may not	The source may not , however, use allowances as a defense to noncompliance with any other applicable requirement.	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	No
3745-77-07	(A)(3)(a)(i)	required	All emissions monitoring and analysis procedures or test methods required under the applicable requirements, including any procedures and methods promulgated pursuant to Sections 114(a)(3) or 504(b) of the act.	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	No
3745-77-07	(A)(3)(a)(ii)	require	Where the applicable requirement does not require periodic testing or instrumental or noninstrumental monitoring	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	No
3745-77-07	(A)(3)(b)	require	With respect to recordkeeping, the permit shall incorporate all applicable requirements that relate to recordkeeping and require , where applicable, all of the following	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	No
3745-77-07	(A)(3)(b)(i)	required	Records of required monitoring information that include all of the following	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	No
3745-77-07	(A)(3)(b)(ii)	required	Retention of records of all required monitoring data and support information for a period of five years from the date the record was created.	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	No
3745-77-07	(A)(3)(b)(ii)	required	Support information includes all calibration and maintenance records and all original strip-chart recordings for continuous monitoring instrumentation, and copies of all reports required by the permit.	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	No
3745-77-07	(A)(3)(c)	require	The permit shall also require all of the following	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	No
3745-77-07	(A)(3)(c)(i)	required	That the permittee submit a report of any required monitoring every six months.	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	No
3745-77-07	(A)(3)(c)(i)	required	To the extent possible, the schedule for submission of such reports shall be timed to coincide with other periodic reports required by the permit, including the permittee's annual compliance certification.	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	No
3745-77-07	(A)(3)(c)(iii)	require	That each permit shall require prompt reporting of deviations from federally enforceable permit requirements,	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	No
3745-77-07	(A)(3)(c)(iii)	required	...that are reported in accordance with rule 3745-15-06 of the Administrative Code shall be referenced in the deviation reports required by this paragraph.	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	No
3745-77-07	(A)(3)(c)(v)	required	That each report required under paragraph (A)(3)(c) of this rule shall be signed by a responsible official certifying that, based on information and belief formed after reasonable inquiry, the statements and information in the report are true, accurate, and complete.	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	No
3745-77-07	(A)(4)	required	If the owner or operator of the source is required to develop and register a risk management plan pursuant to Section 112(r) of the act, the permit shall specify that the permittee will comply with the requirement to register such a plan.	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	No
3745-77-07	(A)(5)(a)	required	No permit revision shall be required for increases in emissions that are authorized by allowances acquired pursuant to the acid rain program...	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	No
3745-77-07	(A)(5)(a)	require	...provided that such increases do not require a permit revision under any other applicable requirement.	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	No
3745-77-07	(A)(7)(e)	required	Upon request, the permittee shall also furnish to the director copies of records required to be kept by the permit.	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	No
3745-77-07	(A)(9)	required	The permit shall provide that no permit revision shall be required under any approved economic incentive, marketable permits, emissions trading, and other similar programs or processes for changes that are provided for in the permit.	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	Yes
3745-77-07	(A)(10)	require	...but shall require the permittee, contemporaneous with making a change from one operating scenario to another, to record in a log at the permitted facility the scenario under which it is operating.	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	No
3745-77-07	(A)(11)(a)	required	Shall include all terms required under paragraphs (A) and (C) of this rule to determine compliance.	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	No

3745-77-07	(B)	required	Federally enforceable terms and conditions shall be clearly differentiated from terms and conditions that are not required under the act or any applicable requirements and that are imposed pursuant to state law only.	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	No
3745-77-07	(B)	required	Terms and conditions that are not required under the act or any of its applicable requirements shall be identified as such in the permit and clearly differentiated from those that are.	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	No
3745-77-07	(B)(1)	required	All terms and conditions of a Title V permit that are required under the act or any of its applicable requirements,	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	No
3745-77-07	(C)(1)	required	Any document (including reports) required by a Title V permit shall contain a certification by a responsible official that, based on information and belief formed after reasonable inquiry, the statements in the document are true, accurate, and complete.	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	No
3745-77-07	(C)(2)	require	Inspection and entry requirements that require that, upon presentation of credentials and other documents as may be required by law, the permittee shall allow the director or an authorized representative of the director to do all of the following	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	No
3745-77-07	(C)(2)	required	Inspection and entry requirements that require that, upon presentation of credentials and other documents as may be required by law, the permittee shall allow the director or an authorized representative of the director to do all of the following	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	No
3745-77-07	(C)(2)(c)	required	Inspect at reasonable times any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under the permit	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	No
3745-77-07	(C)(4)	required	Dates for achieving the activities, milestones, or compliance required in the schedule of compliance, and dates when such activities, milestones, or compliance were achieved.	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	No
3745-77-07	(C)(5)(c)(iv)	required	The method(s) used for determining the compliance status of the source, currently and over the reporting period as required by paragraph (A)(3) of this rule.	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	No
3745-77-07	(C)(5)(c)(v)	require	Such other facts as the director may require in the permit to determine the compliance status of the source.	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	No
3745-77-07	(D)(4)(c)	required	...the director may grant requests for authorization to operate under the general Title V permit without repeating the public participation procedures required under rule 3745-77-08 of the Administrative Code.	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	No
3745-77-07	(D)(7)	required	If the owner or operator of the source is required under this rule to obtain a permit addressing the remainder of the operations, emissions, and activities at the source,	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	No
3745-77-07	(G)(1)	requires	which situation requires immediate corrective action to restore normal operation	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	No
3745-77-07	(H)(1)(c)	required	Upon the applicant's request in a Title V permit application, the director shall issue a permit that contains terms and conditions, including all terms required under this rule to determine compliance,	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	No
3745-77-07	(H)(1)(c)(iii)	required	The director shall not be required to include in the emissions trading provisions any emissions units for which emissions are not quantifiable or for which there are no replicable procedures to enforce the emissions trades.	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	Yes
3745-77-07	(H)(1)(c)(iii)	require	The permit shall require compliance with all applicable requirements.	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	No
3745-77-07	(H)(2)(a)	required	Written notification to the administrator and director required under paragraph (H)(1) of this rule shall be provided a minimum of seven days in advance of the proposed changes	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	No
3745-77-07	(H)(2)(d)	required	The written notification required in paragraph (H)(1)(a) of this rule shall include one of the following	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	No
3745-77-07	(H)(2)(d)(ii)(e)	required	The provisions in the applicable implementation plan that provide for the emissions trade with which the source will comply and any other information as may be required by the provisions in the applicable implementation plan authorizing the trade.	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	No
3745-77-07	(I)(2)	required	The permittee provides contemporaneous written notice of the change to the director and the administrator, except that no such notice shall be required for changes involving insignificant emission levels or activities as defined in rule 3745-77-01 of the Administrative Code	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	No
3745-77-07	(I)	require	The change made may require a permit-to-install under Chapter 3745-31 of the Administrative Code if the change constitutes a modification as defined in that chapter.	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	No
3745-77-07	(A)(5)	prohibit	The permit shall prohibit emissions exceeding any allowances that the source lawfully holds under Title IV of the act or the regulations promulgated thereunder.	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	No
3745-77-07	(A)(10)	prohibited	The permit shall include terms and conditions applicable to all operating scenarios described in the permit application unless prohibited by federally enforceable requirements	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	No
3745-77-07	(F)(1)	prohibited	...but excluding terms and conditions for which the permit shield is expressly prohibited under this rule	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	No
3745-77-07	(I)	prohibited	The owner or operator of a Title V source may make any change in its operations or emissions at the source that is not specifically addressed or prohibited in the Title V permit...	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	No
3745-77-08	(A)(2)	shall	Following review of a Title V application submitted in accordance with this chapter, the director shall issue a draft permit or denial, permit modification or denial, or permit renewal or denial for public comment, in accordance with paragraph (G) of this rule.	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	Yes

3745-77-08	(A)(2)	shall	The draft shall be accompanied by a statement that sets forth the legal and factual basis for the draft permit conditions (including references to the applicable statutory or regulatory provisions)	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	Yes
3745-77-08	(A)(2)	shall	The director shall send this statement of basis to the administrator, to the applicant, and to any other person who requests it.	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	Yes
3745-77-08	(A)(3)	shall	Following the completion of the public comment period on the draft permit, the director shall send the applicant a preliminary proposed permit that incorporates all changes the director proposes to make to the draft permit and the director's responses to comments received on the draft permit.	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	Yes
3745-77-08	(A)(3)	shall	In the event of such request from the applicant, the director shall hold a conference with the applicant on the preliminary proposed permit prior to the submission of a proposed permit to the administrator pursuant to paragraph (A)(4) of this rule.	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	Yes
3745-77-08	(A)(4)	shall	Following completion of the public comment period and review of the preliminary proposed permit as provided in paragraphs (A)(2) and (A)(3) of this rule, the director shall prepare and submit to the administrator a proposed Title V permit, permit modification, or permit renewal.	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	Yes
3745-77-08	(A)(4)	shall	Any denial of an application for a Title V permit, permit modification, or permit renewal shall be made in compliance with division (F)(1) of section 3704.036 of the Revised Code.	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	Yes
3745-77-08	(A)(4)(a)	shall	The proposed Title V permit or proposed denial, modification, or renewal shall be submitted to the administrator no later than forty-five days preceding the deadline for final action under paragraph (A)(6) of this rule...	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	Yes
3745-77-08	(A)(4)(a)	shall	...and shall contain all applicable requirements that have been promulgated and made applicable to the source as of the date of issuance of the draft permit.	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	Yes
3745-77-08	(A)(4)(b)	shall	the director shall extend or reopen the public comment period to solicit comment on additional permit provisions to implement the new applicable requirements.	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	Yes
3745-77-08	(A)(5)	shall	The following actions shall occur after review by the administrator:	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	Yes
3745-77-08	(A)(5)(a)	shall	...the director shall issue the Title V permit, permit modification, or permit renewal forthwith and in any event no later than the tenth day following receipt of the notice from the administrator.	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	Yes
3745-77-08	(A)(5)(b)	shall	...and if the administrator has not notified the director of an objection to the proposed permit, the director shall issue the permit, permit modification, or permit renewal forthwith and in no event later than the fifty-fifth day following submission for review by the administrator.	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	Yes
3745-77-08	(A)(5)(c)	shall	If the administrator objects to the proposed Title V permit, permit modification, or permit renewal, the director shall consult with the administrator ...	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	Yes
3745-77-08	(A)(5)(c)	shall	...and the applicant and shall submit a revised proposed Title V permit to the administrator within ninety days after the date of the administrator's objection	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	No
3745-77-08	(A)(5)(c)	shall	In no event shall the director issue a final Title V permit over the administrator's objection.	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	Yes
3745-77-08	(A)(6)	shall	Except as provided in this paragraph or in paragraph (C)(1)(e) or (C)(2)(d) of this rule, the director shall take final action on each initial or renewal application or application for a modification within eighteen months after receiving a complete application.	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	Yes
3745-77-08	(A)(6)	shall	For each such application that the director does not propose to deny, the director shall submit a proposed Title V permit, modification, or renewal to the administrator no later than forty-five days before the deadline for final action established in this paragraph.	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	Yes
3745-77-08	(A)(6)(a)	shall	The director shall take action on any permit, permit modification, or permit renewal application submitted in compliance with regulations promulgated under Titles IV or V of the act for the permitting of affected sources under the acid rain program within the time specified in those regulations.	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	Yes
3745-77-08	(A)(6)(c)	shall	The director shall take action on any complete permit application containing any early reduction demonstration under Section 112(i)(5) of the act within nine months of receipt of the complete application.	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	Yes
3745-77-08	(B)(1)(a)	shall	The director shall take no more than sixty days from receipt of a request for an administrative permit amendment to take final action on such request, and may incorporate such changes without providing notice to the public or affected states, provided that it designates any such permit revisions as administrative permit amendments made pursuant to this paragraph.	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	Yes
3745-77-08	(B)(1)(b)	shall	The director shall submit a copy of the revised permit to the administrator.	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	Yes
3745-77-08	(B)(2)	shall	Administrative permit amendments defined in paragraph (C)(5) of rule 3745-77-01 of the Administrative Code shall be covered by the permit shield in paragraph (F) of rule 3745-77-07 of the Administrative Code upon the director's final action granting a request for such administrative permit amendment.	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	Yes
3745-77-08	(B)(3)	shall	Administrative permit amendments for purposes of the acid rain portion of the permit shall be governed by regulations promulgated under Title IV of the act.	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	Yes
3745-77-08	(C)	shall	A permit modification for purposes of the acid rain portion of the permit shall be governed by regulations promulgated under Title IV of the act.	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	Yes

3745-77-08	(C)(1)(c)	shall	An application requesting the use of minor permit modification procedures shall meet the requirements of rule 3745-77-03 of the Administrative Code...	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	No
3745-77-08	(C)(1)(c)	shall	...and shall include all of the following	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	No
3745-77-08	(C)(1)(c)	shall	Within five working days of receipt of a complete permit modification application, the director shall meet the obligation of paragraphs (A)(1) and (B)(1) of rule 3745-77-09 of the Administrative Code	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	Yes
3745-77-08	(C)(1)(d)	shall	The director promptly shall send any notice required under paragraph (B)(2) of rule 3745-77-09 of the Administrative Code to the administrator.	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	Yes
3745-77-08	(C)(1)(e)	shall	the director shall do one of the following	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	Yes
3745-77-08	(C)(1)(g)	shall	The permit shield under paragraph (F) of rule 3745-77-07 of the Administrative Code shall not extend to minor permit modifications.	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	Yes
3745-77-08	(C)(2)(b)	shall	An applicant requesting the use of group processing procedures shall meet the requirements of rule 3745-77-03 of the Administrative Code...	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	No
3745-77-08	(C)(2)(b)	shall	...and shall include all of the following in the application	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	No
3745-77-08	(C)(2)(c)	shall	...the director promptly shall meet the obligation under paragraphs (A)(1) and (B)(1) of rule 3745-77-09 of the Administrative Code to notify the administrator and affected states of the requested permit modifications.	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	Yes
3745-77-08	(C)(2)(c)	shall	The director shall send any notice required under paragraph (B)(2) of rule 3745-77-09 of the Administrative Code to the administrator.	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	Yes
3745-77-08	(C)(2)(d)	shall	The provisions of paragraph (C)(1)(e) of this rule shall apply to modifications eligible for group processing...	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	Yes
3745-77-08	(C)(2)(d)	shall	...except that the director shall take one of the actions specified in paragraphs (C)(1)(e)(i) to (C)(1)(e)(iv) of this rule within one hundred eighty days of receipt of the application	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	Yes
3745-77-08	(C)(2)(f)	shall	The permit shield under paragraph (F) or rule 3745-77-07 of the Administrative Code shall not extend to group processing of minor permit modifications.	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	Yes
3745-77-08	(C)(3)(a)	shall	Significant modification procedures shall be used for applicants requesting permit modifications that do not qualify as minor permit modifications or as administrative amendments	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	No
3745-77-08	(C)(3)(b)	shall	No permit condition that is rendered inapplicable as a result of a modification shall be construed to prohibit the modification.	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	No
3745-77-08	(C)(3)(c)	shall	Significant permit modifications shall meet all requirements of this chapter	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	Yes
3745-77-08	(C)(3)(c)	shall	The director shall complete review on a majority of significant permit modifications within nine months after receipt of a complete application.	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	Yes
3745-77-08	(C)(3)(d)	shall	A complete application for a significant permit modification shall be filed within twelve months after commencing operation of the modified source	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	No
3745-77-08	(C)(3)(d)	shall	This paragraph shall not affect the applicability of Chapter 3745-31 of the Administrative Code to any source that is required to have a permit to install under that chapter.	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	No
3745-77-08	(D)(1)	shall	Each issued permit shall include provisions specifying the conditions under which the permit will be reopened prior to the expiration of the permit.	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	Yes
3745-77-08	(D)(1)	shall	A permit shall be reopened and revised under any of the following circumstances	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	Yes
3745-77-08	(D)(1)(a)	shall	Such a reopening shall be completed not later than eighteen months after promulgation of the applicable requirement.	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	Yes
3745-77-08	(D)(1)(b)	shall	Upon approval by the administrator, excess emissions offset plans shall be deemed to be incorporated into the permit.	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	Yes
3745-77-08	(D)(2)	shall	Procedures to reopen and issue a permit shall follow the same procedures as apply to initial permit issuance under paragraph (A) of this rule	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	Yes
3745-77-08	(D)(2)	shall	except as provided in paragraph (B)(3) of this rule, shall affect only those parts of the permit for which cause to reopen exists.	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	Yes
3745-77-08	(D)(2)	shall	Such reopening shall be made as expeditiously as practicable.	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	Yes
3745-77-08	(D)(3)	shall	Reopenings under paragraph (D)(1) of this rule shall not be initiated before a notice of such intent is provided to the owner or operator of the Title V source by the director at least thirty days in advance of the date that the permit is to be reopened	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	Yes
3745-77-08	(D)(4)	shall	the director shall forward to the administrator a proposed determination of revocation, modification, or revocation and reissuance, as appropriate.	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	Yes
3745-77-08	(D)(4)	shall	Within ninety days receipt of the administrator's objection to a proposed determination, the director shall address and act upon the administrator's objection unless the director determines that one or more revisions sought by the administrator are inconsistent with applicable statutes or regulations.	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	Yes
3745-77-08	(E)(1)	shall	All provisions and authorizations of the expired permit shall remain in effect until the director's final action on the pending renewal application.	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	Yes

3745-77-08	(E)(1)	shall	...all authorizations and provisions under the permit shield of the expired permit shall remain in effect until the director's final action on the pending renewal application.	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	Yes
3745-77-08	(F)(2)	shall	The director shall afford a prompt hearing to any permit holder whose Title V permit is revoked in the manner prescribed in Chapter 3745-47 of the Administrative Code.	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	Yes
3745-77-08	(F)(3)	shall	Revocation and reissuance of a Title V permit shall be final thirty days after service of notice to the permit holder.	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	No
3745-77-08	(F)(4)	shall	A Title V permit that has been revoked shall be surrendered forthwith to the director.	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	No
3745-77-08	(G)	shall	all permit proceedings, including initial permit issuance, significant modifications, and renewals, shall follow the procedures in this paragraph for public comment and hearing.	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	Yes
3745-77-08	(G)(1)	shall	Notice shall be given: by publication in a newspaper of general circulation in the area where the source is located	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	Yes
3745-77-08	(G)(2)	shall	The notice shall identify the affected facility	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	Yes
3745-77-08	(G)(3)	shall	The director shall provide such notice and opportunity for participation by affected states as is provided for by rule 3745-77-09 of the Administrative Code.	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	Yes
3745-77-08	(G)(4)	shall	The director shall provide at least thirty days for public comment...	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	Yes
3745-77-08	(G)(4)	shall	... and shall give notice of any public hearing at least thirty days in advance of the hearing.	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	Yes
3745-77-08	(G)(5)	shall	The director shall keep a record of the commenters and also of the issues raised during the public participation process...	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	Yes
3745-77-08	(G)(5)	shall	... and such records shall be available to the public.	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	Yes
3745-77-08	(H)(3)	shall	An owner or operator shall submit to the Ohio environmental protection agency by no later than the date required by the terminated Title V permit or by the terms and conditions of the expired Title V permit applied to the source under paragraph (H)(2) of this rule	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	No
3745-77-08	(C)(1)(f)	must	After the applicant makes the change allowed by the preceding sentence, and until the director takes any of the actions specified in paragraph (C)(1)(e) of this rule, the owner or operator of the source must comply with both the applicable requirements governing the change and the proposed permit terms and conditions.	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	No
3745-77-08	(C)(2)(e)	must	...until the director takes any of the actions specified in paragraphs (C)(1)(e)(i) to (C)(1)(e)(iv) of this rule, the owner or operator of the source must comply with both the applicable requirements governing the changes and the proposed permit terms and conditions.	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	Yes
3745-77-08	(C)(3)(d)	must	provided that where an existing Title V permit would prohibit construction or operation of such modified source, a Title V permit revision must be obtained before operation of such modified source.	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	No
3745-77-08	(D)(1)(d)	must	The administrator or the director determines that the permit must be revised or revoked to assure compliance with the applicable requirements.	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	Yes
3745-77-08	(A)(1)(e)	required	The administrator has received a copy of the proposed permit and any notices required under rule 3745-77-09 of the Administrative Code...	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	Yes
3745-77-08	(C)(1)(a)(ii)	require	In addition, a relaxation in a recordkeeping and reporting requirement for a best available technology emission limitation or operational restriction for an insignificant emissions unit does not require the use of the significant modification process.	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	No
3745-77-08	(C)(1)(a)(iii)	require	Do not require or change a case-by-case determination of an emission limitation or other standard, or a source-specific determination for temporary sources of ambient impacts, or a visibility or increment analysis.	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	No
3745-77-08	(C)(1)(a)(iii)	require	Therefore, the Title V permit does not " require or change" such an emission limit, operational restriction or other standard.	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	No
3745-77-08	(C)(1)(a)(vi)	required	Are not required under paragraph (C)(3) of this rule to be processed as a significant modification.	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	No
3745-77-08	(C)(1)(c)(iv)	required	Completed applications in a form and manner prescribed by the director to use to notify the administrator and affected states as required under rule 3745-77-09 of the Administrative Code.	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	No
3745-77-08	(C)(1)(d)	required	The director promptly shall send any notice required under paragraph (B)(2) of rule 3745-77-09 of the Administrative Code to the administrator.	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	Yes
3745-77-08	(C)(1)(e)(iv)	required	Revise the draft permit modification and transmit to the administrator the new proposed permit modification as required by paragraph (A) of rule 3745-77-09 of the Administrative Code.	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	Yes
3745-77-08	(C)(2)(b)(vi)	required	Completed applications, in the form and manner prescribed by the director to notify the administrator and affected states as required under rule 3745-77-09 of the Administrative Code.	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	No
3745-77-08	(C)(2)(c)	required	The director shall send any notice required under paragraph (B)(2) of rule 3745-77-09 of the Administrative Code to the administrator.	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	Yes
3745-77-08	(C)(2)(d)	required	This paragraph shall not affect the applicability of Chapter 3745-31 of the Administrative Code to any source that is required to have a permit to install under that chapter.	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	No
3745-77-08	(D)(1)(a)	required	No such reopening is required if the effective date of the requirement is later than the date on which the permit is due to expire	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	No

3745-77-08	(G)(2)	required	...and all other materials available to the director that are relevant to the permit decision; a brief description of the comment procedures required by this chapter; and the time and place of any hearing that may be held, including a statement of procedures to request a hearing...	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	Yes
3745-77-08	(H)(1)(b)	required	and the director has issued a PTIO pursuant to Chapter 3745-31 of the Administrative Code for all air contaminant sources at the facility for which a PTIO is required if the sources are not covered by a Title V permit.	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	Yes
3745-77-08	(H)(1)(c)	required	if applicable, a PTIO is required if the sources are not covered by a Title V permit.	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	No
3745-77-08	(H)(3)	required	An owner or operator shall submit to the Ohio environmental protection agency by no later than the date required by the terminated Title V permit or by the terms and conditions of the expired Title V permit applied to the source under paragraph (H)(2) of this rule	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	No
3745-77-08	(C)(1)(g)	shall not	The permit shield under paragraph (F) of rule 3745-77-07 of the Administrative Code shall not extend to minor permit modifications.	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	No
3745-77-08	(C)(2)(f)	shall not	The permit shield under paragraph (F) or rule 3745-77-07 of the Administrative Code shall not extend to group processing of minor permit modifications.	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	No
3745-77-08	(C)(3)(d)	shall not	This paragraph shall not affect the applicability of Chapter 3745-31 of the Administrative Code to any source that is required to have a permit to install under that chapter.	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	No
3745-77-08	(D)(3)	shall not	Reopenings under paragraph (D)(1) of this rule shall not be initiated before a notice of such intent is provided to the owner or operator of the Title V source by the director	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	No
3745-77-08	(C)(3)(b)	prohibit	No permit condition that is rendered inapplicable as a result of a modification shall be construed to prohibit the modification.	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	No
3745-77-08	(C)(3)(d)	prohibit	...provided that where an existing Title V permit would prohibit construction or operation of such modified source, a Title V permit revision must be obtained before operation of such modified source.	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	No
3745-77-09	(A)(1)	shall	Unless the administrator waives this requirement as provided in 40 CFR 70.8(a)(2), the director shall provide to the administrator a copy of each Title V permit application (including any application for Title V permit modification), each proposed Title V permit, and each final Title V permit.	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	Yes
3745-77-09	(A)(2)	shall	The director shall keep for five years such records and submit to the administrator such information as the administrator may reasonably require to ascertain whether the state program complies with the requirements of the act and 40 CFR Part 70.	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	Yes
3745-77-09	(B)(1)	shall	The director shall give notice of each draft Title V permit to any affected state on or before the time that the director provides this notice to the public under paragraph (G) of rule 3745-77-08 of the Administrative Code	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	Yes
3745-77-09	(B)(2)	shall	...the director shall notify the administrator and any affected state in writing of any refusal by the director to accept all recommendations for the proposed Title V permit that the affected state submitted during the public or affected state review period.	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	Yes
3745-77-09	(B)(2)	shall	The notice shall include the director's reasons for not accepting any such recommendation.	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	Yes
3745-77-09	(C)(1)	shall	No Title V permit for which an application must be transmitted to the administrator under paragraph (A) of this rule shall be issued if the administrator objects to its issuance in writing within forty-five days of receipt of the proposed permit and all necessary supporting information.	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	Yes
3745-77-09	(C)(1)	must	No Title V permit for which an application must be transmitted	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	Yes
3745-77-09	(C)(2)	shall	The director shall , within ninety days after the date of receipt of an objection under paragraph (C)(1) of this rule, revise and submit a proposed Title V permit in response to the objection unless the director determines that no change in the proposed permit is necessary or appropriate to comply with applicable requirements or requirements of this chapter.	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	Yes
3745-77-09	(C)(2)	shall	In no event shall the director issue a Title V permit over the objection of the administrator.	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	Yes
3745-77-09	(C)(1)	shall	No Title V permit for which an application must be transmitted to the administrator under paragraph (A) of this rule shall be issued if the administrator objects to its issuance in writing within forty-five days of receipt of the proposed permit and all necessary supporting information.	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	Yes
3745-77-09	(A)(1)	require	The director may require the applicant to provide a copy of the permit application (including the compliance plan) directly to the administrator.	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	Yes
3745-77-09	(A)(2)	require	The director shall keep for five years such records and submit to the administrator such information as the administrator may reasonably require to ascertain whether the state program complies with the requirements of the act and 40 CFR Part 70.	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	Yes
3745-77-09	(B)(1)	require	except to the extent paragraphs (C)(1)(d) and (C)(2)(c) of rule 3745-77-08 of the Administrative Code require the timing of the notice to be different.	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	Yes
3745-77-09	(B)(2)	required	The director is not required to accept recommendations that are not based on federally applicable requirements or the requirements of this chapter.	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal	40 CFR Part 70	Yes	Federal	Yes

3745-77-10	(A)	Shall	The director shall have authority to include in Title V permits any terms and conditions that are authorized by Ohio law, i	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal - mandated, state implemented approved program	40 CFR Part 70 -Title V of the CAA & ORC 3745.04	Yes	Federal & State	yes
3745-77-10	(A)	Shall	Such terms and conditions shall be "state only" requirements.	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal - mandated, state implemented approved program	40 CFR Part 70 -Title V of the CAA & ORC 3745.04	Yes	Federal & State	no
3745-77-10	(A)	Shall	The director shall prescribe the manner and form for the inclusion	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal - mandated, state implemented approved program	40 CFR Part 70 -Title V of the CAA & ORC 3745.04	Yes	Federal & State	yes
3745-77-10	(B)	Shall	Terms and conditions of a Title V permit that are imposed pursuant to state law only shall be identified in the permit as not federally enforceable and	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal - mandated, state implemented approved program	40 CFR Part 70 -Title V of the CAA & ORC 3745.04	Yes	Federal & State	no
3745-77-10	(B)	required	conditions that are required under the act or any applicable requirements.			40 CFR Part 70 -Title V of the CAA & ORC 3745.04	Yes	Federal & State	no
3745-77-10	(B)	Shall	shall be differentiated from federally enforceable permit terms and conditions	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal - mandated, state implemented approved program	40 CFR Part 70 -Title V of the CAA & ORC 3745.04	Yes	Federal & State	no
3745-77-10	(B)	Shall	all federally enforceable terms and conditions in a Title V permit shall be enforceable by the director as well as by the administrator.	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal - mandated, state implemented approved program	40 CFR Part 70 -Title V of the CAA & ORC 3745.04	Yes	Federal & State	no
3745-77-10	(C)	Shall	[The director may modify or eliminate any state only terms and conditions...] Nothing in this paragraph shall affect the applicability of the notification and recordkeeping requirements	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal - mandated, state implemented approved program	40 CFR Part 70 -Title V of the CAA & ORC 3745.04	Yes	Federal & State	no
3745-77-10	(D)	Shall	No person shall violate any state only term or condition of a Title V permit	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal - mandated, state implemented approved program	40 CFR Part 70 -Title V of the CAA & ORC 3745.04	Yes	Federal & State	no
3745-77-10	(D)	Shall	Any violation of any state only term or condition of a Title V permit shall be a violation of division (J)(2) of section 3704.05 of the Revised Code.	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal - mandated, state implemented approved program	40 CFR Part 70 -Title V of the CAA & ORC 3745.04	Yes	Federal & State	no

3745-77-10	(D)	Shall	No person shall operate an emissions unit after the effective date of a final suspension or revocation of the applicable state only portion of a Title V permit.	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal - mandated, state implemented approved program	40 CFR Part 70 -Title V of the CAA & ORC 3745.04	Yes	Federal & State	no
3745-77-11	(A)	Shall	Notwithstanding any provisions to the contrary in this chapter, on or after January 2, 2011 Title V permits for major sources emitting greenhouse gases shall be required as provided in this rule and in 40 CFR Section 70.2	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal - mandated, state implemented approved program	40 CFR Part 70 -Title V of the CAA Sections 501 - 507, USC Sections 7661 - 7661f)	Yes	Federal & State	no
3745-77-11	(A)	required	required as provided in this rule and in 40 CFR Section 70.2	Federal - mandated, state implemented approved program	40 CFR Part 70 - Title V of the CAA Sections 501 - 507, USC Sections 7661 - 7661f)	Yes	Federal & State	no	No
3745-77-11	(A)	Shall	For the purpose of this rule, "CO ₂ equivalent emissions" and "greenhouse gases" shall have the same meaning as set forth in 40 CFR 70.2	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal - mandated, state implemented approved program	40 CFR Part 70 -Title V of the CAA Sections 501 - 507, USC Sections 7661 - 7661f)	Yes	Federal & State	no
3745-77-11	(B)	Shall	No initial Title V permit application shall be required for any major source that, except for its CO ₂ equivalent emissions of greenhouse gases, is not a Title V source	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal - mandated, state implemented approved program	40 CFR Part 70 -Title V of the CAA Sections 501 - 507, USC Sections 7661 - 7661f)	Yes	Federal & State	no
3745-77-11	(B)	required	shall be required for any major source that, except for its CO ₂ equivalent emissions of greenhouse gases, is not a Title V source	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal - mandated, state implemented approved program	40 CFR Part 70 -Title V of the CAA Sections 501 - 507, USC Sections 7661 - 7661f)	Yes	Federal & State	no
3745-77-11	(C)	Shall	No initial Title V permit application shall be required for any major source that, except for its CO ₂ equivalent emissions of greenhouse gases and mass emissions of greenhouse gases as of July 1, 2011, is not a Title V source	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal - mandated, state implemented approved program	40 CFR Part 70 -Title V of the CAA Sections 501 - 507, USC Sections 7661 - 7661f)	Yes	Federal & State	no
3745-77-11	(C)	required	No initial Title V permit application shall be required for any major source	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal - mandated, state implemented approved program	40 CFR Part 70 -Title V of the CAA Sections 501 - 507, USC Sections 7661 - 7661f)	Yes	Federal & State	no
3745-77-11	(D)	Shall	This rule and any terms or conditions of Title V permits regarding greenhouse gases shall cease to be effective if any of the following occurs	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal - mandated, state implemented approved program	40 CFR Part 70 -Title V of the CAA Sections 501 - 507, USC Sections 7661 - 7661f)	Yes	Federal & State	no

3745-77-11	(D)(3)	require	Action by the president of the United States or the president's authorized agent, including the administrator, to repeal, withdraw, suspend, postpone, or stay the amendments to 40 CFR Section 51.166 promulgated on June 3, 2010, as set forth at 75 Fed. Reg. 31606, or to otherwise limit or delay the administrator's exercise of authority to require preconstruction permitting of sources of greenhouse gas emissions.	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal - mandated, state implemented approved program	40 CFR Part 70 -Title V of the CAA Sections 501 - 507, USC Sections 7661 - 7661f)	Yes	Federal & State	no
3745-77-11	(E)	Shall	To the extent that any action or determination listed in paragraphs (D)(1) to (D)(3) of this rule requires the permitting of any major source of greenhouse gas emissions at levels below the permitting thresholds set forth in paragraph (A) of this rule, the permitting thresholds in paragraph (A) of this rule shall remain in effect unless and until this rule is amended or rescinded.	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal - mandated, state implemented approved program	40 CFR Part 70 -Title V of the CAA Sections 501 - 507, USC Sections 7661 - 7661f)	Yes	Federal & State	no
3745-77-11	(E)	requires	To the extent that any action or determination listed in paragraphs (D)(1) to (D)(3) of this rule requires the permitting of any major source of greenhouse gas emissions	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal - mandated, state implemented approved program	40 CFR Part 70 -Title V of the CAA Sections 501 - 507, USC Sections 7661 - 7661f)	Yes	Federal & State	no
3745-77-11	(F)	Shall	No Title V permit shall be required due to greenhouse gas emissions from any major source under this chapter, and	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal - mandated, state implemented approved program	40 CFR Part 70 -Title V of the CAA Sections 501 - 507, USC Sections 7661 - 7661f)	Yes	Federal & State	no
3745-77-11	(F)	Shall	greenhouse gases shall not be deemed to be subject to regulation or regulated air pollutants under this chapter	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal - mandated, state implemented approved program	40 CFR Part 70 -Title V of the CAA Sections 501 - 507, USC Sections 7661 - 7661f)	Yes	Federal & State	no
3745-77-11	(F)	required	No Title V permit shall be required due to greenhouse gas emissions from any major source under this chapter, and greenhouse gases shall not be deemed to be subject to regulation or regulated air pollutants under this chapter, except as provided in this rule.	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal - mandated, state implemented approved program	40 CFR Part 70 -Title V of the CAA Sections 501 - 507, USC Sections 7661 - 7661f)	Yes	Federal & State	no
3745-77-11	(F)	Shall	Nothing in this rule is intended to be, and nothing in this rule shall be interpreted to be, an "emission limitation" or "emission standard"	3704.03(E), 3704.03(G), 3704.03(X), 3704.036	Federal - mandated, state implemented approved program	40 CFR Part 70 -Title V of the CAA Sections 501 - 507, USC Sections 7661 - 7661f)	Yes	Federal & State	no

OAC Rule #	Paragraph	Restriction	Description/Quotation	Statutory Authority	State or Fed Law?	If Fed, crosswalk?	Federally delegated program?	Removal would require state or federal law change?	Requirement on the agency or director?
3745-78-01	(A)	shall	... the definitions in rule 3745-77-01 of the Administrative Code shall apply to this chapter.	3704.036(B), ORC 3745.11	Federal	40 CFR 70.9, CAA Section 502(b)(3)(A)	Federal -- Title V Permitting Program	Federal law change	
3745-78-01	(B)	shall	The following definitions shall apply exclusively to this chapter	3704.036(B), ORC 3745.11	Federal	40 CFR 70.9, CAA Section 502(b)(3)(A)	Federal -- Title V Permitting Program	Federal law change	
3745-78-01	(B) (3)	shall	The hard copy form with original signature shall be provided to the Ohio environmental protection agency after a facsimile is submitted.	3704.036(B), ORC 3745.11	Federal	40 CFR 70.9, CAA Section 502(b)(3)(A)	Federal -- Title V Permitting Program	Federal law change	
3745-78-01	(B) (3)	required	Submit or "submitted" means to present, or to have presented, to the Ohio environmental protection agency a document that is required under this chapter...	3704.036(B), ORC 3745.11	Federal	40 CFR 70.9, CAA Section 502(b)(3)(A)	Federal -- Title V Permitting Program	Federal law change	
3745-78-02	(A)	shall not	... a fee emission report that quantifies the actual emission data for particulate matter, sulfur dioxide, organic compounds, nitrogen oxides, and lead (but shall not also be considered particulate matter)	3704.036(B), ORC 3745.11	Federal	40 CFR 70.9, CAA Section 502(b)(3)(A)	Federal -- Title V Permitting Program	Federal law change	
3745-78-02	(A)	shall	... the potential to emit emission data shall be calculated annually on the basis of the facts as they existed on December thirty-first of the previous year.	3704.036(B), ORC 3745.11	Federal	40 CFR 70.9, CAA Section 502(b)(3)(A)	Federal -- Title V Permitting Program	Federal law change	
3745-78-02	(A)	shall	The owner or operator of a facility shall pay fees on the facility's actual emissions as specified in division (C) of section 3745.11 of the Revised Code.	3704.036(B), ORC 3745.11	Federal	40 CFR 70.9, CAA Section 502(b)(3)(A)	Federal -- Title V Permitting Program	Federal law change	
3745-78-02	(C)	shall not	... owners or operators of facilities whose sum of actual annual emissions of particulate matter, sulfur dioxide, organic compounds, nitrogen oxide, and lead (but shall not also be considered particulate matter)	3704.036(B), ORC 3745.11	Federal	40 CFR 70.9, CAA Section 502(b)(3)(A)	Federal -- Title V Permitting Program	Federal law change	
3745-78-02	(C)	shall	... owner or operator is required to apply for a permit-to-install or a permit-to-install and operate under Chapter 3745-31 of the Administrative Code, are greater than or equal to fifty tons per year and are not required to apply for a permit under the provisions of rule 3745-77-02 of the Administrative Code, shall submit in a format and manner prescribed by the director a fee emission report that includes the following:	3704.036(B), ORC 3745.11	Federal	40 CFR 70.9, CAA Section 502(b)(3)(A)	Federal -- Title V Permitting Program	Federal law change	
3745-78-02	(C) (2)	shall	Owners or operators of facilities shall pay fees on actual emissions for each of the prior two calendar years as specified in division (D) of section 3745.11 of the Revised Code.	3704.036(B), ORC 3745.11	Federal	40 CFR 70.9, CAA Section 502(b)(3)(A)	Federal -- Title V Permitting Program	Federal law change	
3745-78-02	(D)	shall	By April 15, 1996, and by April fifteenth every two years thereafter, except as provided by paragraph (G) of this rule, owners or operators of facilities whose sum of actual annual emissions from the facility of particulate matter, sulfur dioxide, organic compounds, nitrogen oxide, and lead (but shall not also be considered particulate matter)	3704.036(B), ORC 3745.11	Federal	40 CFR 70.9, CAA Section 502(b)(3)(A)	Federal -- Title V Permitting Program	Federal law change	
3745-78-02	(D)	shall not	... owners or operators of facilities whose sum of actual annual emissions from the facility of particulate matter, sulfur dioxide, organic compounds, nitrogen oxide, and lead (but shall not also be considered particulate matter) are less than fifty tons per year, shall attest to the fact that the owner or operator of the facility is not required to apply for a permit under the provisions of rule 3745-77-02 of the Administrative Code, and that the sum of the pollutants stated in this paragraph are less than fifty tons per year.	3704.036(B), ORC 3745.11	Federal	40 CFR 70.9, CAA Section 502(b)(3)(A)	Federal -- Title V Permitting Program	Federal law change	
3745-78-02	(D)	shall	This statement shall be made on the fee emission report for the prior two years as specified in division (D) of section 3745.11 of the Revised Code. Owners or operators of facilities subject to this paragraph shall be responsible for payment of these fees.	3704.036(B), ORC 3745.11	Federal	40 CFR 70.9, CAA Section 502(b)(3)(A)	Federal -- Title V Permitting Program	Federal law change	
3745-78-02	(D)	shall	Owners or operators of facilities subject to this paragraph shall be responsible for payment of these fees.	3704.036(B), ORC 3745.11	Federal	40 CFR 70.9, CAA Section 502(b)(3)(A)	Federal -- Title V Permitting Program	Federal law change	
3745-78-02	(F)	shall	If authorized to collect a fee under division (D) of section 3745.11 of the Revised Code, owners or operators of a synthetic minor facility shall submit, by April 15, 2000 and each year thereafter, except as provided by paragraph (G) of this rule, in a form and manner prescribed by the director	3704.036(B), ORC 3745.11	Federal	40 CFR 70.9, CAA Section 502(b)(3)(A)	Federal -- Title V Permitting Program	Federal law change	
3745-78-02	(F)	shall not	a fee emission report that quantifies the actual emission data for particulate matter, sulfur dioxide, organic compounds, nitrogen oxides, and lead (but shall not also be considered particulate matter).	3704.036(B), ORC 3745.11	Federal	40 CFR 70.9, CAA Section 502(b)(3)(A)	Federal -- Title V Permitting Program	Federal law change	
3745-78-02	(F)	shall	For purposes of this requirement, the fee emission report shall be calculated annually.	3704.036(B), ORC 3745.11	Federal	40 CFR 70.9, CAA Section 502(b)(3)(A)	Federal -- Title V Permitting Program	Federal law change	
3745-78-02	(F)	shall	The owner or operator of a facility identified in this paragraph shall pay fees on the facility's actual emissions as specified in division (D) of section 3745.11 of the Revised Code.	3704.036(B), ORC 3745.11	Federal	40 CFR 70.9, CAA Section 502(b)(3)(A)	Federal -- Title V Permitting Program	Federal law change	
3745-78-02	(G)	shall	Fee emission reports due during calendar year 2008 and required under paragraph (A), (C) or (F) of this rule and the statement required under paragraph (D) of this rule, shall be submitted by June 6, 2008.	3704.036(B), ORC 3745.11	Federal	40 CFR 70.9, CAA Section 502(b)(3)(A)	Federal -- Title V Permitting Program	Federal law change	

3745-78-02	(A)	must	... owners or operators of sources subject to the Title V permit program pursuant to rule 3745-77-02 of the Administrative Code, including facilities with a potential to emit any one regulated air pollutant of a quantity greater than or equal to one hundred tons per year, or any one hazardous air pollutant (HAP) greater than or equal to ten tons per year, or any combination of hazardous air pollutants greater than twenty-five tons per year, must submit, in a form and manner prescribed by the director...	3704.036(B), ORC 3745.11	Federal	40 CFR 70.9, CAA Section 502(b)(3)(A)	Federal -- Title V Permitting Program	Federal law change	
3745-78-02	(B)	required	For any facility whose owner or operator does not file a fee emission report required in paragraph (A) of this rule, the director may require the owner or operator of that facility to submit annually potential to emit emission data to support the claim that the facility is not subject to paragraph (A) of this rule based upon engineering calculations, emission factors, material balance calculations, or performance testing methods	3704.036(B), ORC 3745.11	Federal	40 CFR 70.9, CAA Section 502(b)(3)(A)	Federal -- Title V Permitting Program	Federal law change	
3745-78-02	(B)	require	... the director may require the owner or operator of that facility to submit annually potential to emit emission data to support the claim that the facility is not subject to paragraph (A) of this rule based upon engineering calculations, emission factors, material balance calculations, or performance testing methods	3704.036(B), ORC 3745.11	Federal	40 CFR 70.9, CAA Section 502(b)(3)(A)	Federal -- Title V Permitting Program	Federal law change	
3745-78-02	(C)	required	...owners or operators of facilities whose sum of actual annual emissions of particulate matter, sulfur dioxide, organic compounds, nitrogen oxide, and lead (but shall not also be considered particulate matter) from the emission units at the facility for which the owner or operator is required to apply for a permit-to-install or a permit-to-install and operate under Chapter 3745-31 of the Administrative Code...	3704.036(B), ORC 3745.11	Federal	40 CFR 70.9, CAA Section 502(b)(3)(A)	Federal -- Title V Permitting Program	Federal law change	
3745-78-02	(C)	required	By April 15, 1996, and by April fifteenth every two years thereafter, except as provided by paragraph (G) of this rule, owners or operators of facilities whose sum of actual annual emissions of particulate matter, sulfur dioxide, organic compounds, nitrogen oxide, and lead (but shall not also be considered particulate matter) from the emission units at the facility for which the owner or operator is required to apply for a permit-to-install or a permit-to-install and operate under Chapter 3745-31 of the Administrative Code, are greater than or equal to fifty tons per year and are not required to apply for a permit under the provisions of rule 3745-77-02 of the Administrative Code, shall submit in a format and manner prescribed by the director a fee emission report that includes the following:	3704.036(B), ORC 3745.11	Federal	40 CFR 70.9, CAA Section 502(b)(3)(A)	Federal -- Title V Permitting Program	Federal law change	
3745-78-02	(D)	required	... owners or operators of facilities whose sum of actual annual emissions from the facility of particulate matter, sulfur dioxide, organic compounds, nitrogen oxide, and lead (but shall not also be considered particulate matter) are less than fifty tons per year, shall attest to the fact that the owner or operator of the facility is not required to apply for a permit under the provisions of rule 3745-77-02 of the Administrative Code, and that the sum of the pollutants stated in this paragraph are less than fifty tons per year.	3704.036(B), ORC 3745.11	Federal	40 CFR 70.9, CAA Section 502(b)(3)(A)	Federal -- Title V Permitting Program	Federal law change	
3745-78-02	(E)	require	For any owner or operator who claims to be subject to paragraph (D) of rule 3745-78-02 of the Administrative Code, the director may require the owner or operator of that facility to submit annual actual emission or potential to emit data to support this claim based upon engineering calculations, emission factors, material balance calculations, or performance testing methods.	3704.036(B), ORC 3745.11	Federal	40 CFR 70.9, CAA Section 502(b)(3)(A)	Federal -- Title V Permitting Program	Federal law change	
3745-78-02	(G)	required	Fee emission reports due during calendar year 2008 and required under paragraph (A), (C) or (F) of this rule and the statement required under paragraph (D) of this rule, shall be submitted by June 6, 2008	3704.036(B), ORC 3745.11	Federal	40 CFR 70.9, CAA Section 502(b)(3)(A)	Federal -- Title V Permitting Program	Federal law change	
3745-78-02	(G)	required	Fee emission reports due during calendar year 2008 and required under paragraph (A), (C) or (F) of this rule and the statement required under paragraph (D) of this rule, shall be submitted by June 6, 2008	3704.036(B), ORC 3745.11	Federal	40 CFR 70.9, CAA Section 502(b)(3)(A)	Federal -- Title V Permitting Program	Federal law change	

OAC Rule #	Paragraph	Restriction	Description/Quotation	Statutory Authority	State or Fed Law?	If Fed, crosswalk?	Federally delegated program?	Removal would require state or federal law change?	Requirement on the agency or director?
3745-79-01	(A)	shall	Except as otherwise provided in this rule, the definitions in rule 3745-15-01 of the Administrative Code shall apply to this chapter.	3704.036(B), 3704.036(A) and 3704.036(B)	Federal Law	CAA 507	SIP	Federal Law Change	NO
3745-79-03	(A)	shall	Such notice shall be in the form and manner described in paragraph (B) of this rule.	3704.036(B), 3704.036(A) and 3704.036(B)	Federal Law	CAA 507	SIP	Federal Law Change	YES
3745-79-03	(B)	shall	The public notices required pursuant to paragraph (A) of this rule shall be published at least once in the english	3704.036(B), 3704.036(A) and 3704.036(B)	Federal Law	CAA 507	SIP	Federal Law Change	YES
3745-79-03	(B)	shall	The public notice shall also be published in the Ohio EPA Weekly Review	3704.036(B), 3704.036(A) and 3704.036(B)	Federal Law	CAA 507	SIP	Federal Law Change	YES
3745-79-03	(B)	shall	published in the Ohio EPA Weekly Review and, in addition, shall be distributed to each individual registered under rule 3745-79-02 of the Administrative Code.	3704.036(B), 3704.036(A) and 3704.036(B)	Federal Law	CAA 507	SIP	Federal Law Change	YES
3745-79-03	(B)	shall	The public notice shall consist of a synopsis	3704.036(B), 3704.036(A) and 3704.036(B)	Federal Law	CAA 507	SIP	Federal Law Change	YES
3745-79-03	(C)	shall	The director shall take such additional steps as are reasonably calculated to inform owners and operators of small business	3704.036(B), 3704.036(A) and 3704.036(B)	Federal Law	CAA 507	SIP	Federal Law Change	YES
3745-79-03	(C)	shall	additional notice by any means other than as specified in paragraph (B) of this rule shall not in any way invalidate any action that may be taken by the director	3704.036(B), 3704.036(A) and 3704.036(B)	Federal Law	CAA 507	SIP	Federal Law Change	NO
3745-79-03	(D)	shall	Copies of any proposed regulations and standards noticed pursuant to paragraph (B) of this rule shall be available from the date of the notice from the director for any person who wishes to obtain a copy.	3704.036(B), 3704.036(A) and 3704.036(B)	Federal Law	CAA 507	SIP	Federal Law Change	YES
3745-79-03	(D)	shall not	However, failure to furnish such copies to any person shall not invalidate any action that may be taken by the director	3704.036(B), 3704.036(A) and 3704.036(B)	Federal Law	CAA 507	SIP	Federal Law Change	NO
3745-79-03	(A)	required	If public notice is not otherwise required under Chapter 3745-47 or 3745-49 of the Administrative Code, the director will give public notice	3704.036(B), 3704.036(A) and 3704.036(B)	Federal Law	CAA 507	SIP	Federal Law Change	YES
3745-79-03	(B)	required	The public notices required pursuant to paragraph (A) of this rule shall be published at least once in the english language	3704.036(B), 3704.036(A) and 3704.036(B)	Federal Law	CAA 507	SIP	Federal Law Change	YES
3745-79-03	(B)	required	in the case of guidance issued, the topics covered, and, if a public hearing is required by law, the date, time, and place of public hearing	3704.036(B), 3704.036(A) and 3704.036(B)	Federal Law	CAA 507	SIP	Federal Law Change	YES

OAC Rule #	Paragraph	Restriction	Description/Quotation	Statutory Authority	State or Fed Law?	If Fed, crosswalk?	Federally delegated program?	Removal would require state or federal law change?	Requirement on the agency or director?
3745-80-02	(A)	Shall	No person shall sell, offer for sale, possess for sale, advertise, manufacture, install or use any part or component intended, by such person, for use with or as part of any motor vehicle when a purpose is to bypass, defeat, or render inoperative, in whole or part, the emission control system.	3704.03	state	CAA 203(A)(3)	yes - federal	no	n
3745-80-02	(B)	Shall	No person shall introduce leaded fuel into a motor vehicle that is designed, manufactured or certified by the United States environmental protection agency to use only unleaded fuels.	3704.03, 3704.16	state	CAA 203(A)(3)	yes - federal	no	n
3745-80-02	(C)	Shall	No person shall tamper with any emission control system installed on or in a motor vehicle prior to the sale and delivery to the ultimate purchaser or lessee.	3704.03, 3704.16	state	CAA 203(A)(3)	yes - federal	no	n
3745-80-02	(D)	Shall	No person shall knowingly operate a motor vehicle that has been tampered with.	3704.03, 3704.16	state	CAA 203(A)(3)	yes - federal	no	n
3745-80-02	(E)	Shall	No person shall knowingly sell, lease, rent or offer to sell, lease, or rent or offer to transfer title or a right to possession of a motor vehicle that has been tampered with.	3704.03, 3704.16	state	CAA 203(A)(3)	yes - federal	no	n
3745-80-02	(E)(1)	Shall	The statement "this vehicle is not being offered for lease or rental at this time" shall be printed on the placard...	3704.03, 3704.16	state	CAA 203(A)(3)	yes - federal	no	n
3745-80-02	(E)(2)	Shall	The dimensions of the placard shall be at least...	3704.03, 3704.16	state	CAA 203(A)(3)	yes - federal	no	n
3745-80-02	(F)	Shall	No person shall knowingly tamper with any emission control system installed on or in a motor vehicle after sale, lease, or rental and delivery of the motor vehicle to the ultimate purchaser, lessee or renter.	3704.03, 3704.16	state	CAA 203(A)(3)	yes - federal	no	n
3745-80-03	(B)	Shall	All anti-tampering inspectors shall satisfactorily complete the training required to receive a designation of authorized representative of the United States environmental protection agency for the purpose of conducting anti-tampering investigations or other motor vehicle anti-tampering training approved by the director.	3704.03, 3704.16	state	CAA 203(A)(3)	yes - federal	no	n
3745-80-03	(B)	Shall	Each anti-tampering inspector who satisfactorily completes the training shall be issued a certificate by the Ohio environmental protection agency.	3704.03, 3704.16	state	CAA 203(A)(3)	yes - federal	no	yes
3745-80-03	(B)	Shall	The certificate shall be valid for three years from the date of issuance.	3704.03, 3704.16	state	CAA 203(A)(3)	yes - federal	no	n
3745-80-03	(B)	Shall	If an inspector fails to satisfactorily complete any required renewal training prior to the certificate expiration date, the inspector shall surrender the certificate.	3704.03, 3704.16	state	CAA 203(A)(3)	yes - federal	no	n
3745-80-03	(C)	Shall	anti-tampering inspectors shall inspect a variety of motor vehicle makes, model years and types so as to provide an adequate cross section of the motor vehicles offered for sale at the motor vehicle facility.	3704.03, 3704.16	state	CAA 203(A)(3)	yes - federal	no	n
3745-80-03	(D)	Shall	anti-tampering inspectors shall inspect the motor vehicle emission systems in accordance with the procedures listed in the statewide anti-tampering procedures manual.	3704.03, 3704.16	state	CAA 203(A)(3)	yes - federal	no	n
3745-80-03	(D)	Shall	Motor vehicles shall be inspected for compliance	3704.03, 3704.16	state	CAA 203(A)(3)	yes - federal	no	n
3745-80-03	(E)	Shall	The emission system reference manual or the motor vehicle emission control information (VECI) label located on each motor vehicle shall be used to determine the motor vehicle emissions systems requiring inspection.	3704.03, 3704.16	state	CAA 203(A)(3)	yes - federal	no	n
3745-80-03	(E)	Shall	If a conflict exists, the VECI label shall take precedence.	3704.03, 3704.16	state	CAA 203(A)(3)	yes - federal	no	n
3745-80-03	(B)	Required	...inspectors shall satisfactorily complete the training required to receive a designation of authorized representative...	3704.03, 3704.16	state	CAA 203(A)(3)	yes - federal	no	n
3745-80-03	(B)	Required	The certificate shall be valid for three years from the date of issuance. Renewal anti-tampering training may be required in order to renew the certificate.	3704.03, 3704.16	state	CAA 203(A)(3)	yes - federal	no	n
3745-80-03	(B)	Required	If an inspector fails to satisfactorily complete any required renewal training prior to the certificate expiration date, the inspector shall surrender the certificate.	3704.03, 3704.16	state	CAA 203(A)(3)	yes - federal	no	n

OAC Rule #	Paragraph	Restriction	Description/Quotation	Statutory Authority	State or Fed Law?	If Fed, crosswalk?	Federally delegated program?	Removal would require state or federal law change?	Requirement on the agency or director?
3745-100-01	(D)(1)	shall	The unit shall conform to the following:	3751.02	Federal	40 CFR Part 372	No	Yes	No
3745-100-01	(D)(1)(b)	shall	The unit's combustion chamber and primary energy recovery section shall	3751.02	Federal	40 CFR Part 372	No	Yes	No
3745-100-01	(D)(1)(b)	shall	.....and the primary energy recovery section (such as waterwalls and superheaters) shall	3751.02	Federal	40 CFR Part 372	No	Yes	No
3745-100-01	(D)(1)(c)	shall	While in operation, the unit shall maintain a thermal energy recovery efficiency of at least sixty per cent, calculated in terms of the recovered energy compared with the thermal value of the fuel.	3751.02	Federal	40 CFR Part 372	No	Yes	No
3745-100-01	(D)(1)(d)	shall	The unit shall export and utilize at least seventy-five per cent of the recovered energy, calculated on an annual basis.	3751.02	Federal	40 CFR Part 372	No	Yes	No
3745-100-01	(D)(1)(d)	shall	In this calculation, no credit shall be given for recovered heat used internally in the same unit.	3751.02	Federal	40 CFR Part 372	No	Yes	No
3745-100-01	(Y)(3)	required	Is responsible for the safety assessments and clearances related to the procurement, storage, use and disposal of the chemical substance as may be appropriate or required within the scope of conducting a research and development activity.	3751.02	Federal	40 CFR Part 372	No	Yes	No
3745-100-03	(A)	shall	Each person subject to the reporting requirements of this chapter shall retain the following records for a period of three years from the date of submission of a report.....	3751.02	Federal	40 CFR Part 372	No	Yes	No
3745-100-03	(B)	shall	Each person subject to the notification requirements of this chapter shall retain the following records for a period of three years from the date of the submission.....	3751.02	Federal	40 CFR Part 372	No	Yes	No
3745-100-03	(C)	shall	Records retained under this rule shall be maintained at the facility to which the report applies.....	3751.02	Federal	40 CFR Part 372	No	Yes	No
3745-100-03	(C)	shall	Such records shall be readily available for purposes of inspection by the Ohio EPA.	3751.02	Federal	40 CFR Part 372	No	Yes	No
3745-100-03	(D)	shall	Each owner or operator who determines that the owner operator may apply the alternate threshold as specified under paragraph (A) of rule 3745-100-14 of the Administrative Code shall retain the following records for a period of three years from the date of the submission of the certification statement.....	3751.02	Federal	40 CFR Part 372	No	Yes	No
3745-100-04		shall	Violators of this chapter shall be liable for a civil penalty in an amount not to exceed.....	3751.02	State	No	No	Yes	No
3745-100-05		shall	A facility that meets all of the following criteria for a calendar year is a covered facility for that calendar year and shall report under	3751.02	Federal	40 CFR Part 372	No	Yes	No
3745-100-06	(C)	shall	With respect to activities involving a toxic chemical at a facility, when more than one threshold applies to the activities, the owner or operator of the facility shall report if the facility exceeds any applicable threshold.....	3751.02	Federal	40 CFR Part 372	No	Yes	No
3745-100-06	(C)	shall	.....and shall report on all activities at the facility involving the chemical, except.....	3751.02	Federal	40 CFR Part 372	No	Yes	No
3745-100-06	(D)	shall	.....the owner or operator of the facility shall report if the facility exceeds any applicable threshold for the total volume of all the members of the category.....	3751.02	Federal	40 CFR Part 372	No	Yes	No
3745-100-06	(D)	shall	Any such report shall cover all activities at the facility involving members of the category.	3751.02	Federal	40 CFR Part 372	No	Yes	No
3745-100-06	(E)	shall	To determine whether the facility has processed or used more than an applicable threshold of the chemical, the owner or operator of the facility shall count the amount of the chemical added to the recycle/reuse operation during the calendar year.	3751.02	Federal	40 CFR Part 372	No	Yes	No
3745-100-06	(E)	shall	.....the owner or operator of the facility shall also count the amount of the chemical placed into the system at these times.	3751.02	Federal	40 CFR Part 372	No	Yes	No
3745-100-03	(B)(1)	required	All supporting materials and documentation used by the person to determine whether a notice is required under rule 3745-100-09 of the Administrative Code.	3751.02	Federal	40 CFR Part 372	No	Yes	No
3745-100-03	(B)(2)	required	All supporting materials and documentation used in developing each required notice under rule 3745-100-09 of the Administrative Code and a copy of each notice.	3751.02	Federal	40 CFR Part 372	No	Yes	No
3745-100-03	(D)	required	... from the date of the submission of the certification statement as required under paragraph (B) of rule 3745-100-14 of the Administrative Code.						
3745-100-06	(F)	required	A toxic chemical may be listed in rule 3745-100-10 of the Administrative Code with the notation that only persons who manufacture the chemical, or manufacture the chemical by a certain method, are required to report.	3751.02	Federal	40 CFR Part 372	No	Yes	No
3745-100-06	(F)	required	In that case, only owners or operators of facilities that manufacture that chemical as described in rule 3745-100-10 of the Administrative Code in excess of the threshold applicable to such manufacture in rules 3745-10-06, 3745-100-14, and 3745-100-16 of the Administrative Code are required to report.	3751.02	Federal	40 CFR Part 372	No	Yes	No
3745-100-06	(F)	required	In completing the reporting form, the owner or operator is only required to account for the quantity of the chemical so manufactured and releases associated with such manufacturing,.....	3751.02	Federal	40 CFR Part 372	No	Yes	No
3745-100-06	(F)	required	Owners and operators of facilities that solely process or use such a chemical are not required to report for that chemical.	3751.02	Federal	40 CFR Part 372	No	Yes	No
3745-100-06	(G)	required	In that case, only owners or operators of facilities that manufacture, process or use that chemical in the form or of the color specified in rule 3745-100-10 of the Administrative Code, in excess of the threshold applicable to such activity in rules 3745-100-06, 3745-100-14, and 3745-100-16 of the Administrative Code, are required to report.	3751.02	Federal	40 CFR Part 372	No	Yes	No
3745-100-06	(G)	required	In completing the reporting form, the owner or operator is only required to account for the quantity of the chemical manufactured, processed or used in.....	3751.02	Federal	40 CFR Part 372	No	Yes	No
3745-100-06	(G)	required	Owners or operators of facilities that solely manufacture, process or use such a chemical in a form or color other than those specified by rule 3745-100-10 of the Administrative Code are not required to report for that chemical.	3751.02	Federal	40 CFR Part 372	No	Yes	No
3745-100-06	(H)	shall	,the owner or operator of a facility shall make the threshold determination based on the total amount of all members of the metal compound category manufactured, processed or used at the facility.	3751.02	Federal	40 CFR Part 372	No	Yes	No
3745-100-06	(H)	required	In completing the release portion of the reporting form for releases of the metal compounds, the owner or operator is only required to account for the weight of the parent metal released.	3751.02	Federal	40 CFR Part 372	No	Yes	No

3745-100-07	(A)	shall	.....the owner or operator shall submit to the EPA a completed "U.S. EPA Form R" (EPA Form 9350-1), EPA Form A (EPA Form 9350-2), and, for the dioxin and dioxin-like compounds category, EPA Form R Schedule 1.....	3751.02	Federal	40 CFR Part 372	No	Yes	No
3745-100-07	(B)(1)	shall	The owner or operator of a covered facility shall report as described in paragraph (A) of this rule on a toxic chemical that the owner or operator knows is present.....	3751.02	Federal	40 CFR Part 372	No	Yes	No
3745-100-07	(B)(3)	shall	To determine whether a toxic chemical which is a component of a mixture or trade name product has been imported, processed or otherwise used in excess of an applicable threshold in rule 3745-100-06 of the Administrative Code at the facility, the owner or operator shall consider.....	3751.02	Federal	40 CFR Part 372	No	Yes	No
3745-100-07	(B)(3)(a)	shall	If the owner or operator knows the specific chemical identity of the toxic chemical and the specific concentration at which it is present in the mixture or trade name product, the owner or operator shall determine.....	3751.02	Federal	40 CFR Part 372	No	Yes	No
3745-100-07	(B)(3)(a)	shall	.....and shall combine that with the weight of the toxic chemical manufactured (including imported), processed or otherwise used at the facility other than as part of the mixture or trade name product.	3751.02	Federal	40 CFR Part 372	No	Yes	No
3745-100-07	(B)(3)(a)	shall	.....the owner or operator shall report the specific chemical identity and all releases of the toxic chemical on "U.S. EPA Form R" in accordance with the instructions specified in rule 3745-100-11 of the Administrative Code.	3751.02	Federal	40 CFR Part 372	No	Yes	No
3745-100-07	(B)(3)(b)	shall	If the owner or operator knows the specific chemical identity of the toxic chemical and does not know the specific concentration at which the chemical is present in the mixture or trade name product, but has been told the upper-bound concentration of the chemical in the mixture or trade name product, the owner or operator shall presume that the toxic chemical.....	3751.02	Federal	40 CFR Part 372	No	Yes	No
3745-100-07	(B)(3)(b)	shall	.....shall determine whether the chemical has been manufactured, processed or otherwise used at the facility in excess of an applicable threshold	3751.02	Federal	40 CFR Part 372	No	Yes	No
3745-100-07	(B)(3)(b)	shall	.....and shall report as provided in paragraph (B)(3)(a) of this rule.	3751.02	Federal	40 CFR Part 372	No	Yes	No
3750-100-07	(B)(3)(c)	required	.....then the owner or operator is not required to factor that chemical in that mixture or trade name product into threshold and release calculations for that chemical.	3751.02	Federal	40 CFR Part 372	No	Yes	No
3745-100-07	(B)(3)(d)	shall	.....the owner or operator the owner or operator shall determine the weight of the chemical imported, processed or otherwise used as part of the mixture or trade name product at the facility. determine the weight of the chemical imported, processed or otherwise used as part of the mixture or trade name product at the facility.	3751.02	Federal	40 CFR Part 372	No	Yes	No
3745-100-07	(B)(3)(d)	shall	Since the owner or operator does not know the specific identity of the toxic chemical, the owner or operator shall make the threshold determination only for the weight of the toxic chemical in the mixture or trade name product.	3751.02	Federal	40 CFR Part 372	No	Yes	No
3745-100-07	(B)(3)(d)	shall	.....he owner or operator shall report the generic chemical name of the toxic chemical, or a trade name if the generic chemical name is not known, and all releases of the toxic chemical on "U.S. EPA Form R" and in accordance with the instructions specified in rule 3745-100-11 of the Administrative Code.	3751.02	Federal	40 CFR Part 372	No	Yes	No
3745-100-07	(B)(3)(e)	shall	.....has been told the upper-bound concentration of the chemical in the mixture or trade name product, the owner or operator shall presume that the toxic chemical is present in the mixture or trade name product at the upper-bound concentration,.....	3751.02	Federal	40 CFR Part 372	No	Yes	No
3745-100-07	(B)(3)(e)	shall	.....shall determine whether the chemical has been imported, processed or otherwise used at the facility in excess of applicable threshold....	3751.02	Federal	40 CFR Part 372	No	Yes	No
3745-100-07	(B)(3)(e)	shall	.....and shall report as provided in paragraph (B)(3)(d) of this rule.	3751.02	Federal	40 CFR Part 372	No	Yes	No
3750-100-07	(B)(3)(f)	required	.....has not been told the upper-bound concentration of the chemical in the mixture or trade name product, the owner or operator is not required to report with respect to that toxic chemical.	3751.02	Federal	40 CFR Part 372	No	Yes	No
3745-100-07	(C)	shall	If each establishment or group of establishments files separate reports, then for all other chemicals subject to reporting at that facility shall be submitted separately.	3751.02	Federal	40 CFR Part 372	No	Yes	No
3745-100-07	(D)	shall	Each report under this rule for activities involving a toxic chemical that occurred during a calendar year at a covered facility shall be submitted on or before July first of the next year.	3751.02	Federal	40 CFR Part 372	No	Yes	No
3745-100-07	(D)	shall	The first such report for calendar year 1988 activities shall be submitted on or before July 1, 1989.	3751.02	Federal	40 CFR Part 372	No	Yes	No
3745-100-08	(A)	required	.....a person is not required to consider the quantity of the toxic chemical present in such mixture when determining whether an applicable threshold has been met under rule 3745-100-06 of the Administrative Code or determining the amount of release to be reported under rule 3745-100-07 of the Administrative Code.	3751.02	Federal	40 CFR Part 372	No	Yes	No
3745-100-08	(A)	required	...the person is required to report under rule 3745-100-07 of the Administrative Code....	3751.02	Federal	40 CFR Part 372	No	Yes	No
3745-100-08	(B)	required	If a toxic chemical is present in an article at a covered facility, a person is not required to consider the quantity of the toxic chemical present in such article,	3751.02	Federal	40 CFR Part 372	No	Yes	No
3745-100-08	(B)	required	...the person is required to report under rule 3745-100-07 of the Administrative Code....	3751.02	Federal	40 CFR Part 372	No	Yes	No
3745-100-08	(C)	required	If a toxic chemical is used at a covered facility for a purpose described in paragraphs (C)(1) to (C)(5) of this rule, a person is not required to consider the quantity of the toxic chemical used for such purpose.....	3751.02	Federal	40 CFR Part 372	No	Yes	No
3745-100-08	(C)	required	If the toxic chemical is also manufactured (including imported), processed or otherwise used at the covered facility other than as described in paragraphs (C)(1) to (C)(5) of this rule in excess of an applicable threshold quantity set forth in rule 3745-100-06 of the Administrative Code, the person is required to report under rule 3745-100-07 of the Administrative Code.	3751.02	Federal	40 CFR Part 372	No	Yes	No
3745-100-08	(D)	required	.....a person is not required to consider the quantity so manufactured, processed or used when determining whether an applicable threshold has been met under rule 3745-100-06, 3745-100-14, or 3745-100-16 of the Administrative Code or determining the amount of release to be reported under rule 3745-100-07 of the Administrative Code.	3751.02	Federal	40 CFR Part 372	No	Yes	No
3745-100-08	(F)	shall	If two or more persons, who do not have any common corporate or business interest (including common ownership or control), operate separate establishments within a single facility, each such person shall treat the establishments that person operates as a facility for purposes of this rule.	3751.02	Federal	40 CFR Part 372	No	Yes	No

3745-100-08	(F)	shall	The determinations in rules 3745-100-05 and 3745-100-06 of the Administrative Code shall be made for those establishments.	3751.02	Federal	40 CFR Part 372	No	Yes	No
3745-100-08	(F)	shall	If any such operator determines that the establishment is a covered facility under rule 3745-100-05 of the Administrative Code and that a toxic chemical has been manufactured (including imported), processed or otherwise used at the establishment in excess of an applicable threshold in rule 3745-100-06 of the Administrative Code for a calendar year, the operator shall submit a report in accordance with	3751.02	Federal	40 CFR Part 372	No	Yes	No
3745-100-08	(G)	required	Coal extraction activities. If a toxic chemical is manufactured, processed, or otherwise used in extraction by facilities in SIC code 12, or in NAICS codes 212111, 212112 or 212113, a person is not required to consider the quantity of the toxic chemical.....	3751.02	Federal	40 CFR Part 372	No	Yes	No
3745-100-08	(H)	required	Metal mining overburden. If a toxic chemical that is a constituent of overburden is processed or otherwise used by facilities in SIC code 10, or in NAICS codes 212221, 212222, 212231, 212234 or 212299, a person is not required to consider the quantity of.....	3751.02	Federal	40 CFR Part 372	No	Yes	No
3745-100-09	(A)	shall	.....a person shall notify each person to whom the mixture or trade name product is sold or otherwise distributed from the facility or establishment in accordance with.....	3751.02	Federal	40 CFR Part 372	No	Yes	No
3745-100-09	(B)	required	The notification required in paragraph (A) of this rule shall be in writing and shall include the following:	3751.02	Federal	40 CFR Part 372	No	Yes	No
3745-100-09	(B)	shall	The notification required in paragraph (A) of this rule shall be in writing and shall include the following:	3751.02	Federal	40 CFR Part 372	No	Yes	No
3745-100-09	(B)	shall	The notification required in paragraph (A) of this rule shall be in writing and shall include the following:	3751.02	Federal	40 CFR Part 372	No	Yes	No
3745-100-09	(C)	shall	Notification under this rule shall be provided as follows:	3751.02	Federal	40 CFR Part 372	No	Yes	No
3745-100-09	(C)(1)	shall	.....the person shall provide the written notice described in paragraph (B) of this rule to each recipient of the mixture or trade name product with a least the first shipment of each mixture or trade name product.....	3751.02	Federal	40 CFR Part 372	No	Yes	No
3745-100-09	(C)(2)	shall	.....the person shall provide the written notice described in paragraph (B) of this rule to each recipient of the mixture or trade name product with at least the first shipment of the mixture or trade name product to each recipient.....	3751.02	Federal	40 CFR Part 372	No	Yes	No
3745-100-09	(C)(3)	shall	.....the person shall provide each recipient of the changed mixture or trade name product a revised notification reflecting the change with the first shipment of the changed mixture or trade name product.....	3751.02	Federal	40 CFR Part 372	No	Yes	No
3745-100-09	(C)(4)	shall	.....present the per cent by weight of any of the toxic chemicals in the mixture or trade name product, the person shall provide a new notification to the recipient within thirty days of the discovery which contains the information described in.....	3751.02	Federal	40 CFR Part 372	No	Yes	No
3745-100-09	(C)(5)	required	If a "Material Safety Data Sheet" is required to be prepared and distributed for the mixture or trade name product in accordance with 29 CFR 1910.1200, the notification shall be attached to or otherwise incorporated into such "Material Safety Data Sheet."	3751.02	Federal	40 CFR Part 372	No	Yes	No
3745-100-09	(C)(5)	shall	If a "Material Safety Data Sheet" is required to be prepared and distributed for the mixture or trade name product in accordance with 29 CFR 1910.1200, the notification shall be attached to or otherwise incorporated into such "Material Safety Data Sheet."	3751.02	Federal	40 CFR Part 372	No	Yes	No
3745-100-09	(C)(5)	shall	When the notification is attached to the "Material Safety Data Sheet," the notice shall contain clear instructions that the notification must not be detached from the "Material Safety Data Sheet"	3751.02	Federal	40 CFR Part 372	No	Yes	No
3745-100-09	(C)(5)	must	When the notification is attached to the "Material Safety Data Sheet," the notice shall contain clear instructions that the notification must not be detached from the "Material Safety Data Sheet"	3751.02	Federal	40 CFR Part 372	No	Yes	No
3745-100-09	(C)(5)	shall	.....and that any copying and redistribution of the "Material Safety Data Sheet" shall include copying and redistribution of the notice attached to copies of the "Material Safety Data Sheet" subsequently redistributed.	3751.02	Federal	40 CFR Part 372	No	Yes	No
3745-100-09	(D)	required	Notifications are not required in the following instances:	3751.02	Federal	40 CFR Part 372	No	Yes	No
3745-100-09	(E)	shall	If the person considers the specific identity of a toxic chemical in a mixture or trade name product to be a trade secret under provisions of 29 CFR 1910.1200, the notice shall contain a generic chemical name that is descriptive of that toxic chemical.	3751.02	Federal	40 CFR Part 372	No	Yes	No
3745-100-09	(F)	shall	.....under the "Restatement of Torts," section 757, comment B, the notice shall contain a statement that the chemical is present at a concentration that does not exceed a specified upper-bound concentration value:	3751.02	Federal	40 CFR Part 372	No	Yes	No
3745-100-09	(F)	shall	The notice would indicate that the toxic chemical is present in the mixture in a concentration of no more than fifteen per cent by weight. The upper-bound value chosen shall be no larger than necessary to adequately protect the trade secret.	3751.02	Federal	40 CFR Part 372	No	Yes	No
3745-100-09	(H)	shall	operate separate establishments within a single facility, each such person shall treat the establishment each person operates as a facility for purposes of this rule. The determination under paragraph (A) of this rule shall be made for those establishments.	3751.02	Federal	40 CFR Part 372	No	Yes	No
3745-100-09	(H)	shall	operate separate establishments within a single facility, each such person shall treat the establishment each person operates as a facility for purposes of this rule. The determination under paragraph (A) of this rule shall be made for those establishments.	3751.02	Federal	40 CFR Part 372	No	Yes	No
3745-100-10		required	Paragraph (B) of this rule contains a CAS registry number order list of the same chemicals listed in paragraph (A) of this rule. Paragraph (C) of this rule contains the chemical categories for which reporting is required .	3751.02	Federal	40 CFR Part 372	No	Yes	No
3745-100-11	(B)(14)(a)	shall	An estimate of total releases in pounds (except for dioxin and dioxin-like compounds, which shall be reported in grams) per year (releases of less than one thousand pounds per year may be indicated in ranges,.....	3751.02	Federal	40 CFR Part 372	No	Yes	No
3745-100-11	(B)(14)(b)(i)	shall	Such distribution shall either represent the distribution of the total quantity of dioxin and dioxin-like compounds released to all media from the facility; or its one best media-specific distribution.	3751.02	Federal	40 CFR Part 372	No	Yes	No
3745-100-11	(B)(15)(a)(ii)	shall	An estimate of the amount of the chemical transferred in pounds (except for dioxin and dioxin-like compounds, which shall be reported in...	3751.02	Federal	40 CFR Part 372	No	Yes	No

3745-100-11	(B)(15)((b)(ii)	shall	An estimate of the amount of the chemical in waste transferred in pounds (except for dioxin and dioxin-like compounds, which shall be reported in grams) per year (transfers of less than one thousand pounds may be indicated in ranges, except.....	3751.02	Federal	40 CFR Part 372	No	Yes	No
3745-100-11	(B)(16)(c)	shall	An indication of the concentration of the chemical in the wastestream prior to treatment. An estimate of the efficiency of the treatment, which shall be indicated by a range.	3751.02	Federal	40 CFR Part 372	No	Yes	No
3745-100-11	(C)	shall	.....including revisions and withdrawals of TRI reporting forms, to Ohio EPA shall prepare, certify, and submit their data to Ohio EPA electronically, using the TRI online-reporting software provided by USEPA.	3751.02	Federal	40 CFR Part 372	No	Yes	No
3745-100-11	(C)(2)	shall	Facilities shall submit electronically any revisions or withdrawals of previously submitted TRI reporting forms.	3751.02	Federal	40 CFR Part 372	No	Yes	No
3745-100-11	(C)(3)	shall	The only exception to the TRI electronic reporting requirement relates to TRI submissions that claim a trade secret (including sanitized and unsanitized reporting forms) and revisions and withdrawals of such TRI submissions, which shall be submitted to USEPA on paper.	3751.02	Federal	40 CFR Part 372	No	Yes	No
3745-100-11	(D)	shall	The director shall prescribe and publish a "Fee Calculation Worksheet" which shall be submitted by owners and operators subject to the reporting requirements.	3751.02	Federal	40 CFR Part 372	No	Yes	No
3745-100-11	(D)	shall	The director shall prescribe and publish a "Fee Calculation Worksheet" which shall be submitted by owners and operators subject to the reporting requirements.	3751.02	Federal	40 CFR Part 372	No	Yes	No
3745-100-12	(A)	shall	The owner or operator of a facility required to annually file one or more toxic chemical release forms shall submit with the release form a filing fee of fifty dollars.	3751.02	Federal	40 CFR Part 372	No	Yes	No
3745-100-12	(B)	shall	The owner or operator shall submit an additional fee of fifteen dollars per release form filed, but not exceeding a total additional fee of five hundred dollars	3751.02	Federal	40 CFR Part 372	No	Yes	No
3745-100-12	(C)	shall	The owner or operator of a facility who fails to submit a "Toxic Chemical Release Form" within thirty days after the applicable date prescribed in paragraph (D) of rule 3745-100-07 of the Administrative Code shall submit with the form a late filing fee of fifteen per cent of the total fees due.....	3751.02	Federal	40 CFR Part 372	No	Yes	No
3745-100-12	(D)	shall	Fees collected by the director as required under this rule shall be credited to the "Toxic Chemical Release Reporting Fund" created in section 3751.05 of the Revised Code for the implementation, administration, and enforcement of the program.	3751.02	Federal	40 CFR Part 372	No	Yes	No
3745-100-13		shall	The owner or operator of a facility subject to the reporting requirements that claims a trade secret shall conform to the following:	3751.02	Federal	40 CFR Part 372	No	Yes	No
3745-100-13	(A)	shall	A submitter making a trade secrecy claim under this rule shall submit to entities other than USEPA (for example, the Ohio EPA, local emergency planning committee and local fire department) only the sanitized or public copy of the submission and substantiation.	3751.02	Federal	40 CFR Part 372	No	Yes	No
3745-100-13	(B)(2)	shall	To make a claim, the submitter shall submit to USEPA the following:	3751.02	Federal	40 CFR Part 372	No	Yes	No
3745-100-13	(B)(2)(a)	shall	An unsanitized copy of the toxic release inventory form under section 313 of the act with the information claimed as trade secret clearly identified. To do this, the submitter shall check the box on the form indicating that the chemical identity.....	3751.02	Federal	40 CFR Part 372	No	Yes	No
3745-100-13	(B)(2)(a)	shall	The submitter shall enter the generic class or category that is structurally descriptive of the chemical, as specified in paragraph (C) of this rule.	3751.02	Federal	40 CFR Part 372	No	Yes	No
3745-100-13	(B)(2)(b)	shall	This copy shall be identical to the document in paragraph (B)(1)(a) of this rule, except that the submitter shall delete the chemical identity claimed as a trade secret.	3751.02	Federal	40 CFR Part 372	No	Yes	No
3745-100-13	(B)(2)(b)	shall	This copy shall be identical to the document in paragraph (B)(1)(a) of this rule, except that the submitter shall delete the chemical identity claimed as a trade secret.	3751.02	Federal	40 CFR Part 372	No	Yes	No
3745-100-13	(B)(2)(b)	shall	This copy shall also be submitted to the state official or officials designated to receive this information.	3751.02	Federal	40 CFR Part 372	No	Yes	No
3745-100-13	(B)(3)	shall	If the submitter wishes to claim information in the substantiation as trade secret or business confidential, the submitter shall do so in accordance with 40 CFR 350.7(d).	3751.02	Federal	40 CFR Part 372	No	Yes	No
3745-100-13	(B)(4)	shall	Section 313 claims shall be sent to the address specified in 40 CFR 350.16.	3751.02	Federal	40 CFR Part 372	No	Yes	No
3745-100-13	(D)	shall	If a specific chemical identity is submitted under Title III to USEPA, or to a state emergency response commission, designated state agency, local emergency planning committee or local fire department, without asserting a trade secret claim, the chemical identity shall be considered to have been voluntarily disclosed and not a trade secret.	3751.02	Federal	40 CFR Part 372	No	Yes	No
3745-100-12	(A)	required	The owner or operator of a facility required to annually file one or more toxic chemical release forms shall submit with the release form a filing fee of fifty dollars.	3751.02	Federal	40 CFR Part 372	No	Yes	No
3745-100-12	(D)	required	Fees collected by the director as required under this rule shall be credited to the "Toxic Chemical Release Reporting Fund" created in...	3751.02	Federal	40 CFR Part 372	No	Yes	No
3745-100-14	(B)	required	If an owner or operator of a facility determines that the owner or operator may apply the alternate reporting threshold specified in paragraph (A) of this rule for a specific toxic chemical, the owner or operator is not required to submit a report for that chemical....	3751.02	Federal	40 CFR Part 372	No	Yes	No
3745-100-14	(B)	shall	....the owner or operator is not required to submit a report for that chemical under rule 3745-100-07 of the Administrative Code, but shall submit a certification statement that contains the information required in rule 3745-100-15 of the Administrative Code.	3751.02	Federal	40 CFR Part 372	No	Yes	No
3745-100-14	(B)	required	....the owner or operator is not required to submit a report for that chemical under rule 3745-100-07 of the Administrative Code, but shall submit a certification statement that contains the information required in rule 3745-100-15 of the Administrative Code.	3751.02	Federal	40 CFR Part 372	No	Yes	No
3745-100-14	(B)	shall	The owner or operator of the facility shall also keep records as specified in paragraph (D) of rule 3745-100-03 of the Administrative Code.	3751.02	Federal	40 CFR Part 372	No	Yes	No

3745-100-14	(D)	shall	Each certification statement under this chapter for activities involving a toxic chemical that occurred during a calendar year at a facility shall be submitted to Ohio EPA on or before July first of the next year.	3751.02	Federal	40 CFR Part 372	No	Yes	No
3745-100-15	(B)	shall	Alternate threshold certification statement elements. The following information shall be reported on an alternate threshold certification statement pursuant to rule 3745-100-14 of the Administrative Code:	3751.02	Federal	40 CFR Part 372	No	Yes	No

OAC Rule #	Paragraph	Restriction	Description/Quotation	Statutory Authority	State or Fed Law?	If Fed, crosswalk?	Federally delegated program?	Removal would require state or federal law change?	Requirement on the agency or director?
3745-103-01	(A)	Shall	Except as otherwise provided in this rule, the definitions in rule 3745-15-01 of the Administrative Code shall apply to this chapter.	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 72, Subpart A, § 72.2	yes	yes	no
3745-103-01	(B)(6)	Shall	if the unit is listed in the National Allowance Data Base (NADB), the "1985 actual SO ₂ emissions rate" for the unit shall be the rate specified by the USEPA in the NADB under the data field "SO2RTE."	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 72, Subpart A, § 72.2	yes	yes	no
3745-103-01	(B)(10)	Shall	"Allowable SO ₂ emissions rate" means the most stringent federally enforceable emissions limitation for sulfur dioxide (in pound per MMBtu) applicable to the unit or combustion source for the specified calendar year, or for such subsequent year as determined by the U.S. EPA where such a limitation does not exist for the specified year; provided that, if a phase I or phase II unit is listed in the NADB, the "1985 allowable SO ₂ emission rate" for the phase I or phase II unit shall be the rate specified by the USEPA in the NADB under the data field "1985 annualized boiler SO ₂ emission limit."	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 72, Subpart A, § 72.2	yes	yes	no
3745-103-01	(B)(17)	Shall	Approved clean coal technology demonstration project" means a project using funds appropriated under the United States department of energy's "Clean Coal Technology Demonstration Program," up to a total amount of two billion five hundred million dollars for commercial demonstration of clean coal technology, or similar projects funded through appropriations for USEPA. The federal contribution for a qualifying project shall be at least twenty per cent of the total cost of the demonstration project.	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 72, Subpart A, § 72.2	yes	yes	no
3745-103-01	(B)(18)	Shall	"Arch-fired boiler" means ...This definition shall include only the following units: Holtwood unit 17, Hunlock unit 6, and Sunbury units 1a, 1b, 2a, and 2b.	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 72, Subpart A, § 72.2	yes	yes	no
3745-103-01	(B)(18)	Shall	This definition shall exclude dry bottom turbo fired boilers.	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 72, Subpart A, § 72.2	yes	yes	no
3745-103-01	(B)(30)	Shall	"Coal-fired utility unit" means a utility unit in which the combustion of coal (or any coal-derived fuel) on a Btu basis exceeds 50.0 per cent of its annual heat input during the following calendar year: for phase I units, in calendar year 1990; and, for phase II units, in calendar year 1995 or, for a phase II unit that did not combust any fuel that resulted in the generation of electricity in calendar year 1995, in any calendar year during the period 1990-1995. For purposes of applying rules 3745-103-55 to 3745-103-66 of the Administrative Code, this definition shall apply notwithstanding any other definition in this rule.	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 72, Subpart A, § 72.2	yes	yes	no
3745-103-01	(B)(31)	Shall	Combustion controls" means technology that minimizes NO _x formation by staging fuel and combustion air flows in a boiler. This definition shall include low NO _x burners, overfire air, or low NO _x burners with overfire air.	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 72, Subpart A, § 72.2	yes	yes	no
3745-103-01	(B)(38)	Shall	"Compensating unit" means an affected unit that is not otherwise subject to acid rain emissions limitation or acid rain emissions reduction requirements during phase I and that is designated as a phase I unit in a reduced utilization plan under 40 CFR 72.43; provided that an opt-in source shall not be a compensating unit.	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 72, Subpart A, § 72.2	yes	yes	no
3745-103-01	(B)(40)	Required	Compliance certification" means a submission to the USEPA or the director of Ohio environmental protection agency, as appropriate, that is required by this chapter or	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 72, Subpart A, § 72.2	yes	yes	no
3745-103-01	(B)(43)(b)	Shall	Conditionally valid data" means ....A monitoring system shall pass a probationary calibration error test, in accordance with 40 CFR Part 75, Appendix B, Section 2.1.1, to initiate the conditionally valid data status.	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 72, Subpart A, § 72.2	yes	yes	no
3745-103-01	(B)(43)	Must	one or more quality assurance tests or diagnostic tests must be passed within a specified time period in accordance with paragraph (b) (3) of 40 CFR 75.20.	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 72, Subpart A, § 72.2	yes	yes	no
3745-103-01	(B)(47)	Shall	The term "designated representative" shall be construed to include the alternate designated representative, if any.	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 72, Subpart A, § 72.2	yes	yes	no
3745-103-01	(B)(49)	Shall	"Direct public utility ownership" means direct ownership of equipment and facilities by one or more corporations, the principal business of which is sale of electricity to the public at retail. Percentage ownership of such equipment and facilities shall be measured on the basis of book value.	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 72, Subpart A, § 72.2	yes	yes	no
3745-103-01	(B)(54)	Shall	"Existing unit" means a unit (including a unit subject to section 111 of the Clean Air Act) that commenced commercial operation before November 15, 1990 and that on or after November 15, 1990 served a generator with a nameplate capacity of greater than twenty-five MWe. Existing unit <i>does not</i> include simple combustion turbines or any unit that on or after November 15, 1990 served only generators with a nameplate capacity of twenty-five MWe or less. Any existing unit that is modified, reconstructed, or repowered after November 15, 1990, shall continue to be an existing unit.	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 72, Subpart A, § 72.2	yes	yes	no
3745-103-01	(B)(61)(d)	Must	For the purpose of 40 CFR Part 75, a unit that initially qualifies as gas-fired under paragraph (B)(62)(c)(i) or (B)(62)(c)(ii) of this rule must meet the criteria in paragraph (B)(62)(b) of this rule each year in order to continue to qualify as gas-fired.	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 72, Subpart A, § 72.2	yes	yes	no

3745-103-01	(B)(73)	Shall	"Low NO _x burners" and "low NO _x burner technology" means commercially available combustion modification NO _x controls that minimize NO _x formation by introducing coal and its associated combustion air into a boiler such that initial combustion occurs in a manner that promotes rapid coal devolatilization in a fuel-rich (i.e., oxygen deficient) environment and introduces additional air to achieve a final fuel-lean (i.e., oxygen rich) environment to complete the combustion process. This definition shall include the staging of any portion of the combustion air using air nozzles or registers located inside any waterwall hole that includes a burner.	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 72, Subpart A, § 72.2	yes	yes	no
3745-103-01	(B)(73)	Shall	This definition shall exclude the staging of any portion of the combustion air using air nozzles or ports located outside any waterwall hole that includes a burner (commonly referred to as NO _x ports or separated overfire air ports).	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 72, Subpart A, § 72.2	yes	yes	no
3745-103-01	(B)(63)	Required	Generator" means a device that produces electricity and was or would have been required to be reported as a generating unit pursuant to the United States department of energy form 860 (1990 edition).	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 72, Subpart A, § 72.2	yes	yes	no
3745-103-01	(B)(68)(c)	Required	"Independent power production facility" ...Is a new unit required to hold allowances under Title IV of the Clean Air Act; provided that direct public utility ownership of the equipment comprising the facility does not exceed fifty per cent.	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 72, Subpart A, § 72.2	yes	yes	no
3745-103-01	(B)(73)	Must	Additionally natural gas must either be composed of at least seventy per cent methane by volume or have a gross calorific value between nine hundred fifty and one thousand one hundred Btu per standard cubic foot.	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 72, Subpart A, § 72.2	yes	yes	no
3745-103-01	(B)(91)(c)	Shall	"Owner" means.....However, unless expressly provided for in a leasehold agreement, owner shall not include a passive lessor, or a person who has an equitable interest through such lessor, whose rental payments are not based, either directly or indirectly, upon the revenues or income from the affected unit.	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 72, Subpart A, § 72.2	yes	yes	no
3745-103-01	(B)(92)	Shall	"Operator" means any person who is an owner or who operates, controls, or supervises an affected unit or affected source and shall include, but not be limited to, any holding company, utility system, or plant manager of an affected unit or affected source, combustion source, or process source.	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 72, Subpart A, § 72.2	yes	yes	no
3745-103-01	(B)(91)(d)	Required	With respect to any allowance tracking system general account, any person identified in the submission required by 40 CFR 73.31(c) that is subject to the binding agreement for the authorized account representative to represent that person's ownership interest with respect to allowances.	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 72, Subpart A, § 72.2	yes	yes	no
3745-103-01	(B)(92)	Must	For the purpose of 40 CFR Part 75, a unit that initially qualifies as a peaking unit must meet the criteria in paragraph (B)(95)(a) of this rule each year in order to continue to qualify as a peaking unit	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 72, Subpart A, § 72.2	yes	yes	no
3745-103-01	(B)(94)(c)	Must	Additionally, pipeline natural gas must either be composed of at least seventy per cent methane by volume or have a gross calorific value between nine hundred fifty and one thousand one hundred Btu per standard cubic foot.	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 72, Subpart A, § 72.2	yes	yes	no
3745-103-01	(B)(94)(d)	Required	A unit required to comply with the provisions of 40 CFR Part 75, Subpart H, under a State or Federal NO _x mass emissions reduction program, may, pursuant to 40 CFR 75.74(c)(11), qualify as a peaking unit on an ozone season basis rather than an annual basis,	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 72, Subpart A, § 72.2	yes	yes	no
3745-103-01	(B)(103)	Shall	"Potential electrical output capacity" means the MWe capacity rating for the units which shall be equal to thirty-three per cent of the maximum design heat input capacity of the steam generating unit, as calculated according to 40 CFR Part 72, Appendix D.	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 72, Subpart A, § 72.2	yes	yes	no
3745-103-01	(B)(103)	must	"Repowering extension" means owners or operators of certain affected units, which must have been operating in 1985 or before with 1985 SO ₂ emission rates of 1.2 pounds per MMBtu or greater, may apply for additional phase II allowance allocations for up to four years (the extension period) in exchange for replacing existing boiler technology with new USEPA approved clean coal technology.y	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 72, Subpart A, § 72.2	yes	yes	no
3745-103-01	(B)(127)	Shall	"Source" means any governmental, institutional, commercial, or industrial structure, installation, plant, building, or fa	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 72, Subpart A, § 72.2	yes	yes	no
3745-103-01	(B)(127)	Shall	but shall be treated as being included in the same source as the source that includes such utility units for purposes of section 502(c) of the Clean Air Act.	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 72, Subpart A, § 72.2	yes	yes	no
3745-103-01	(B)(127)	Shall	For purposes of this rule, a "source," including a "source" with multiple units, shall be considered a single "facility."	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 72, Subpart A, § 72.2	yes	yes	no
3745-103-01	(B)(127)	Shall	For purposes of this rule, a "source," including a "source" with multiple units, shall be considered a single "facility."	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 72, Subpart A, § 72.2	yes	yes	no
3745-103-01	(B)(128)	Required	Span" means the highest pollutant or diluent concentration or flow rate that a monitor component is required to be capable of measuring under 40 CFR Part 75.	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 72, Subpart A, § 72.2	yes	yes	no
3745-103-01	(B)(131)	Shall	"State" means one of the forty-eight contiguous states and the District of Columbia and includes any non-federal authorities, including local agencies, interstate associations, and state-wide agencies with approved state operating permit programs. The term "state" shall have its conventional meaning where such meaning is clear from the context.	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 72, Subpart A, § 72.2	yes	yes	no
3745-103-01	(B)(136)(c)	Shall	"Submit" .....Compliance with any submission, service, or mailing deadline shall be determined by the date of dispatch, transmission, or mailing and not the date of receipt.	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 72, Subpart A, § 72.2	yes	yes	no

3745-103-01	(B)(140)	Shall	"Ton" or "tonnage" means any short ton (i.e., two thousand pounds). For the purpose of determining compliance with the acid rain emissions limitations and reduction requirements, total tons for a year shall be calculated as the sum of all recorded hourly emissions (or the tonnage equivalent of the recorded hourly emissions rates) in accordance with 40 CFR Part 75, with any remaining fraction of a ton equal to or greater than 0.50 ton deemed to equal one ton and any fraction of a ton less than 0.50 ton deemed not to equal a ton.	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 72, Subpart A, § 72.2	yes	yes	no
3745-103-01	(B)(151)	Shall	"Vertically fired boiler" means a dry bottom boiler with circular burners, or coal and air pipes, oriented downward and mounted on waterwalls that are horizontal or at an angle. This definition shall include dry bottom roof-fired boilers and dry bottom top-fired boilers, and	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 72, Subpart A, § 72.2	yes	yes	no
3745-103-01	(B)(151)	Shall	shall exclude dry bottom arch-fired boilers and dry bottom turbo-fired boilers.	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 72, Subpart A, § 72.2	yes	yes	no
3745-103-01	(B)(155)	Shall	Wet bottom boiler" shall include: wet bottom wall-fired boilers, including wet bottom turbo-fired boilers; and wet bottom boilers otherwise meeting the definition of vertically fired boilers, including wet bottom arch-fired boilers, wet bottom roof-fired boilers, and wet bottom top-fired boilers.	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 72, Subpart A, § 72.2	yes	yes	no
3745-103-01	(B)(155)	Shall	The term "wet bottom boiler" shall exclude cyclone boilers and tangentially fired boilers.	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 72, Subpart A, § 72.2	yes	yes	no
3745-103-02	(A)	Shall	Each of the following units shall be an affected unit, and	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 72, Subpart A, § 72.6	yes	yes	no
3745-103-02	(A)	Shall	any source that includes such a unit shall be an affected source, subject to the requirements of the acid rain program:	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 72, Subpart A, § 72.6	yes	yes	no
3745-103-02	(B)(4)(a)	Shall	if in any three calendar year period after November 15, 1990, such unit sells to a utility power distribution system an annual average of more than one-third of its potential electrical output capacity and more than two hundred nineteen thousand MWe-hrs actual electric output (on a gross basis), that unit shall be an affected unit, subject to the requirements of the acid rain program.	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 72, Subpart A, § 72.6	yes	yes	no
3745-103-02	(B)(4)(b)	Must	For solid waste incinerators which began operation before January 1, 1985, the average annual fuel consumption of non-fossil fuels for calendar years 1985 through 1987 must be greater than eighty per cent for such an incinerator to be exempt.	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 72, Subpart A, § 72.6	yes	yes	no
3745-103-02	(B)(7)	Shall	For solid waste incinerators which began operation after January 1, 1985, the average annual fuel consumption of non-fossil fuels for the first three years of operation shall be greater than eighty per cent for such an incinerator to be exempt	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 72, Subpart A, § 72.6	yes	yes	no
3745-103-02	(B)(7)	Shall	If, during any three calendar year period after November 15, 1990, such incinerator consume twenty per cent or more (on a Btu basis) fossil fuel, such incinerator shall be an affected source under the acid rain program.	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 72, Subpart A, § 72.6	yes	yes	no
3745-103-02	(B)(4)(b)	Shall	if in any three calendar year period after November 15, 1990, such unit sells to a utility power distribution system an annual average of more than one-third of its potential electrical output capacity and more than two hundred nineteen thousand MWe-hrs actual electric output (on a gross basis), that unit shall be an affected unit, subject to the requirements of the acid rain program.	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 72, Subpart A, § 72.6	yes	yes	no
3745-103-02	(B)9)	Shall	A unit for which an exemption under rule 3745-103-03 or 3745-103-04 of the Administrative Code is in effect. Although such a unit is not an affected unit, the unit shall be subject to the requirements of rule 3745-103-03 or 3745-103-04 of the Administrative Code, as applicable to the exemption.	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 72, Subpart A, § 72.6	yes	yes	no
3745-103-02	(C)(1)	Shall	The petition shall be in writing and include identification of the unit and relevant facts about the unit.	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 72, Subpart A, § 72.6	yes	yes	no
3745-103-02	(C)(1)	Shall	In the petition, the certifying official shall certify, by the official's signature, the statement set forth in paragraph	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 72, Subpart A, § 72.6	yes	yes	no
3745-103-02	(C)(1)	Shall	Within ten business days of receipt of any written determination by the USEPA covering the unit, the certifying official shall provide each owner or operator of the unit, facility, or source with a copy of the petition and a copy of the USEPA's response.	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 72, Subpart A, § 72.6	yes	yes	no
3745-103-03	(B)(1)	Shall	Any new utility unit that meets the requirements of paragraph (A) of this rule and that is not allocated any allowances under 40 CFR Part 73, Subpart B shall be exempt from the acid rain program, except f	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 72, Subpart A, § 72.7	yes	yes	no
3745-103-03	(B)(2)	Shall	The exemption under paragraph (B)(1) of this rule shall be effective on January first of the first full calendar year for which the unit meets the requirements of paragraph (A) of this rule	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 72, Subpart A, § 72.7	yes	yes	no
3745-103-03	(B)(2)	Shall	a certifying official of each owner of the unit shall be submitted to the director and to the USEPA.	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 72, Subpart A, § 72.7	yes	yes	no
3745-103-03	(B)(2)	Shall	The statement, which shall be in a format prescribed by the director and the USEPA,	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 72, Subpart A, § 72.7	yes	yes	no
3745-103-03	(B)(2)	Shall	shall identify the unit, state the nameplate capacity of each generator served by the unit and the fuels currently burned or expected to be burned by the unit and their sulfur content by weight,	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 72, Subpart A, § 72.7	yes	yes	no
3745-103-03	(B)(2)	Shall	and state that the owners and operators of the unit shall comply with paragraph (F) of this rule.	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 72, Subpart A, § 72.7	yes	yes	no
3745-103-03	(C)(1)	Shall	Any new utility unit that meets the requirements of paragraph (A) of this rule and that is allocated one or more allowances under 40 CFR Part 73, Subpart B shall be exempt from the acid rain program, except	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 72, Subpart A, § 72.7	yes	yes	no

3745-103-03	(C)(1)(a)(iii)	Shall	States that the owners or operators of the unit shall comply with paragraph (F) of this rule.	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 72, Subpart A, § 72.7	yes	yes	no
3745-103-03	(C)(1)(a)(iv)	Shall	Surrenders any proceeds for allowances under paragraph (C)(1)(a) (iii) of this rule withheld for the unit under 40 CFR 73.10. A copy of the statement shall be submitted to the USEPA.	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 72, Subpart A, § 72.7	yes	yes	no
3745-103-03	(C)(1)(b)	Shall	Within five business days of receiving a statement in accordance with paragraph (C)(1)(a) of this rule, the USEPA shall either deduct the allowances under paragraph (C)(1)(a)(iii) of this rule or notify the owners and operators that there are insufficient allowances to make such deductions.	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 72, Subpart A, § 72.7	yes	yes	no
3745-103-03	(C)(2)	Shall	The exemption under paragraph (C)(1) of this rule shall be effective on January first of the first full calendar year for which the requirements of paragraphs (A) and (C)(1) of this rule are met	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 72, Subpart A, § 72.7	yes	yes	no
3745-103-03	(C)(2)	Shall	After notification by the USEPA under the second sentence of paragraph (C)(1)(b) of this rule, the director shall amend	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 72, Subpart A, § 72.7	yes	yes	yes
3745-103-03	(D)	Shall	Compliance with the requirement that fuel burned during the year have an annual average sulfur content of 0.05 per cent by weight or less shall be determined as follow	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 72, Subpart A, § 72.7	yes	yes	no
3745-103-03	(D)(2)	Shall	The annual average sulfur content, as percentage by weight, for the gaseous fuel burned shall be calculated as follows:	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 72, Subpart A, § 72.7	yes	yes	no
3745-103-03	(D)(3)	Shall	The annual average sulfur content, as a percentage by weight, shall be calculated using the equation in paragraph (D)(2) of this rule.	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 72, Subpart A, § 72.7	yes	yes	no
3745-103-03	(E)(1)	Shall	A utility unit that was issued a written exemption under this rule and that meets the requirements of paragraph (A) of this rule shall be exempt from the acid rain program, except for the provisions of this rule and rules	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 72, Subpart A, § 72.7	yes	yes	no
3745-103-03	(E)(1)	Shall	and shall be subject to the requirements of paragraphs (A), (D), (E)(2), and (F) of this rule in lieu of the requirements set forth in the written exemption.	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 72, Subpart A, § 72.7	yes	yes	no
3745-103-03	(E)(1)	Shall	The director shall amend under rule 3745-103-18 of the Administrative Code the operating permit covering the source	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 72, Subpart A, § 72.7	yes	yes	yes
3745-103-03	(E)(2)	Shall	a certifying official of each owner of the unit shall submit to the director, a statement (in a format prescribed by the director) meeting the requirements of	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 72, Subpart A, § 72.7	yes	yes	no
3745-103-03	(E)(2)	Shall	The statement shall be submitted by June 30, 1998.	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 72, Subpart A, § 72.7	yes	yes	no
3745-103-03	(E)(2)	Shall	A copy shall be submitted to the USEPA.	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 72, Subpart A, § 72.7	yes	yes	no
3745-103-03	(F)(1)	Shall	The owners and operators and, to the extent applicable, the designated representative of a unit exempt under this rule shall meet both of the following:	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 72, Subpart A, § 72.7	yes	yes	no
3745-103-03	(F)(1)(b)	Must	Comply with the requirements of the acid rain program concerning all periods for which the exemption is not in effect, even if such requirements arise, or must be complied with, after the exemption takes effect.	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 72, Subpart A, § 72.7	yes	yes	no
3745-103-03	(F)(2)(a)	Shall	For purposes of applying 40 CFR Parts 70 and 71, the unit shall not be treated as an affected unit under the acid rain program and	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 72, Subpart A, § 72.7	yes	yes	no
3745-103-03	(F)(2)(a)	Shall	shall continue to be subject to any other applicable requirements under 40 CFR Parts 70 and 71.	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 72, Subpart A, § 72.7	yes	yes	no
3745-103-03	(F)(2)(b)	Shall	The unit shall not be eligible to be an opt-in source	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 72, Subpart A, § 72.7	yes	yes	no
3745-103-03	(F)(3)	Shall	For a period of five years from the date the records are created, the owners and operators of a unit exempt under this rule shall retain at the source that includes the unit records demonstrating that the requirements	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 72, Subpart A, § 72.7	yes	yes	no
3745-103-03	(F)(3)(a)	Shall	Such records shall include,	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 72, Subpart A, § 72.7	yes	yes	no
3745-103-03	(F)(4)(a)	Shall	On the earliest of the following dates, a unit exempt under paragraph (B), (C), or (E) of this rule shall lose its exemption and	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 72, Subpart A, § 72.7	yes	yes	no
3745-103-03	(F)(4)(a)	Shall	for purposes of applying 40 CFR Parts 70 and 71, shall be treated as an affected unit under the acid rain program:	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 72, Subpart A, § 72.7	yes	yes	no
3745-103-03	(F)(4)(b)	Shall	The designated representative for a unit that loses its exemption under this rule shall submit a complete acid rain permit application on the later of January 1, 1998 or sixty days after the first date on which the unit is no longer exempt.	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 72, Subpart A, § 72.7	yes	yes	no
3745-103-03	(F)(4)(c)	Shall	For the purpose of applying monitoring requirements under 40 CFR Part 75, a unit that loses its exemption under this rule shall be treated as a new unit that commenced commercial operation on the first date on which the unit is no longer exempt.	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 72, Subpart A, § 72.7	yes	yes	no
3745-103-04	(B)(1)	Shall	Any affected unit (except for an opt-in source) that is permanently retired shall be exempt from the acid rain program, except for the provisions of this rule, rule	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 72, Subpart A, § 72.8	yes	yes	no
3745-103-04	(B)(2)	Shall	The exemption under paragraph (B)(1) of this rule shall become effective on January first of the first full calendar year during which that the unit is permanently retired.	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 72, Subpart A, § 72.8	yes	yes	no
3745-103-04	(B)(2)	Shall	, a certifying official of each owner of the unit shall submit a statement to the director.	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 72, Subpart A, § 72.8	yes	yes	no

3745-103-04	(B)(2)	Shall	A copy of the statement shall be submitted to USEPA.	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 72, Subpart A, § 72.8	yes	yes	no
3745-103-04	(B)(2)	Shall	The statement shall state (in a format prescribed by the USEPA) that the unit is permanently retired and	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 72, Subpart A, § 72.8	yes	yes	no
3745-103-04	(B)(2)	Shall	shall comply with the requirements of paragraph (D) of this rule.	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 72, Subpart A, § 72.8	yes	yes	yes
3745-103-04	(B)(3)	Shall	After receipt of the notice under paragraph (B)(2) of this rule, the director shall amend under rule	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 72, Subpart A, § 72.8	yes	yes	no
3745-103-04	(C)	Shall	A unit that was issued a written exemption under this rule and that is permanently retired shall be exempt from the acid rain program, except for	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 72, Subpart A, § 72.8	yes	yes	no
3745-103-04	(C)	Shall	and shall be subject to the requirements of paragraph (D) of this rule in lieu of the requirements set forth in the writt	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 72, Subpart A, § 72.8	yes	yes	no
3745-103-04	(C)	Shall	The director shall amend under rule 3745-103-18 of the Administrative Code the operating permit covering the source at which the unit is located, if the source has such a permit, to add the provisions and requirements of the exemption under this paragraph and paragraph (D) of this rule.	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 72, Subpart A, § 72.8	yes	yes	yes
3745-103-04	(D)(1)	Shall	A unit exempted under this rule shall not emit any sulfur dioxide and nitrogen oxides starting on the date the exemption takes effect.	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 72, Subpart A, § 72.8	yes	yes	no
3745-103-04	(D)(1)	Shall	The owners and operators of the unit shall be allocated allowances in accordance with 40 CFR Part 73, Subpart B.	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 72, Subpart A, § 72.8	yes	yes	no
3745-103-04	(D)(2)	Shall	A unit exempt under this rule shall not resume operation unless the designated representative of the source that includes the unit submits a complete acid rain permit application	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 72, Subpart A, § 72.8	yes	yes	no
3745-103-04	(D)(3)	Shall	The owners and operators and, to the extent applicable, the designated representative of a unit exempt under this rule shall comply with the requirements of the acid rain program concerning all periods for which the exemption is not in effect,	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 72, Subpart A, § 72.8	yes	yes	no
3745-103-04	(D)(3)	Must	even if such requirements arise, or must be complied with, after the exemption takes effect.	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 72, Subpart A, § 72.8	yes	yes	no
3745-103-04	(D)(4)(a)	Shall	purposes of applying 40 CFR Parts 70 and 71, the unit shall not be treated as an affected unit under the acid rain program and	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 72, Subpart A, § 72.8	yes	yes	no
3745-103-04	(D)(4)(a)	Shall	shall continue to be subject to any other applicable requirements under 40 CFR Parts 70 and 71.	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 72, Subpart A, § 72.8	yes	yes	no
3745-103-04	(D)(4)(b)	Shall	The unit shall not be eligible to be an opt-in source	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 72, Subpart A, § 72.8	yes	yes	no
3745-103-04	(D)(5)	Shall	For a period of five years from the date the records are created the owners and operators of a unit exempt under this rule shall retain at the source that includes the unit records demonstrating that the unit is permanently retired	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 72, Subpart A, § 72.8	yes	yes	no
3745-103-04	(D)(6)(a)	Shall	On the earlier of the following dates, a unit exempt under paragraph (B) or (C) of this rule shall lose its exemption under the acid rain program and 40 CFR Parts 70 and 71:	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 72, Subpart A, § 72.8	yes	yes	no
3745-103-04	(D)(6)(a)(iii)	Required	The date on which the designated representative is required under paragraph (D)(2) of this rule to submit an acid rain permit application.	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 72, Subpart A, § 72.8	yes	yes	no
3745-103-04	(D)(6)(b)	Shall	For the purpose of applying monitoring requirements under 40 CFR Part 75, a unit that loses its exemption under this rule or the purpose of applying monitoring requirements under 40 CFR Part 75, a unit that loses its exemption under this rule shall be treated as a new unit that commenced commercial operation on the first date on which the unit resumes operation.	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 72, Subpart A, § 72.8	yes	yes	no
3745-103-05	(A)(1)	Shall	The designated representative of each affected source and each affected unit at the source shall do both of the following:	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 72, Subpart A, § 72.9	yes	yes	no
3745-103-05	(A)(2)	Shall	each affected source and each affected unit at the source shall do both of the following:	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 72, Subpart A, § 72.9	yes	yes	no
3745-103-05	(B)(1)	Shall	The owners and operators and, to the extent applicable, designated representative of each affected source and each affected unit at the source shall comply with the monitoring requirements as provided in 40 CFR Part 75 and Section 407 of the Clean Air Act.	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 72, Subpart A, § 72.9	yes	yes	no
3745-103-05	(B)(2)	Shall	The emissions measurements recorded and reported in accordance with 40 CFR Part 75 shall be used to determine compliance by the source or unit, as appropriate, with the acid rain emissions limitations and emissions reduction requirements for sulfur dioxide and nitrogen oxides under the acid rain program.	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 72, Subpart A, § 72.9	yes	yes	no
3745-103-05	(B)(3)	Shall	The requirements of 40 CFR Part 75 shall not affect the responsibility of the owners and operators to monitor emissions of other pollutants or other emissions characteristics at the unit under other applicable requirements of the Clean Air Act and other provisions of the operating permit for the source.	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 72, Subpart A, § 72.9	yes	yes	no
3745-103-05	(C)(1)	Shall	owners and operators of each source and each affected unit at the source shall do both of the following:	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 72, Subpart A, § 72.9	yes	yes	no

3745-103-05	(C)(2)	Shall	Each ton of sulfur dioxide emitted in excess of the acid rain emissions limitations for sulfur dioxide shall constitute a separate violation of this rule.	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 72, Subpart A, § 72.9	yes	yes	no
3745-103-05	(C)(3)	Shall	An affected unit shall be subject to the requirements under paragraph (C)(1) of this rule as one of the following:	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 72, Subpart A, § 72.9	yes	yes	no
3745-103-05	(C)(4)	Shall	Allowances shall be held in, deducted from, or transferred among allowance tracking system accounts in accordance with the acid rain program.	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 72, Subpart A, § 72.9	yes	yes	no
3745-103-05	(C)(5)	Shall	An allowance shall not be deducted in order to comply with the requirements under paragraph (C)(1)(a) of this rule prior to the calendar year for which the allowance was allocated.	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 72, Subpart A, § 72.9	yes	yes	no
3745-103-05	(C)(6)	Shall	No provision of the acid rain program, the acid rain permit application, the acid rain permit, or an exemption under rule... and no provision of law shall be construed to limit the authority of the United States to terminate or limit such authorization.	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 72, Subpart A, § 72.9	yes	yes	no
3745-103-05	(D)	Shall	The owners and operators of the source and each affected unit at the source shall comply with the applicable acid rain emissions limitation for nitrogen oxides.	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 72, Subpart A, § 72.9	yes	yes	no
3745-103-05	(E)(1)	Shall	The designated representative of an affected source that has excess emissions in any calendar year shall submit a proposed offset plan to the USEPA, as required under 40 CFR Part 77, and submit a copy to the director	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 72, Subpart A, § 72.9	yes	yes	no
3745-103-05	(E)(1)	Required	The designated representative of an affected source that has excess emissions in any calendar year shall submit a proposed offset plan to the USEPA, as required under 40 CFR Part 77, and submit a copy to the director.	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 72, Subpart A, § 72.9	yes	yes	no
3745-103-05	(E)(2)	Shall	The owners and operators of an affected source that has excess emissions in any calendar year shall do both of the following:	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 72, Subpart A, § 72.9	yes	yes	no
3745-103-05	(E)(2)(a)	Required	Pay to the USEPA without demand the penalty required , and pay to the USEPA upon demand the interest on that penalty, as required by 40 CFR Part 77.	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 72, Subpart A, § 72.9	yes	yes	no
3745-103-05	(E)(2)(a)	Required	pay to the USEPA upon demand the interest on that penalty, as required by 40 CFR Part 77.	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 72, Subpart A, § 72.9	yes	yes	no
3745-103-05	(E)(2)(b)	Required	Comply with the terms of an approved offset plan, as required by 40 CFR Part 77.	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 72, Subpart A, § 72.9	yes	yes	no
3745-103-05	(F)(1)	Shall	Unless otherwise provided, the owners and operators of the source and each affected unit at the source shall keep on site at the source each of the following documents for a period of five years	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 72, Subpart A, § 72.9	yes	yes	no
3745-103-05	(F)(1)(a)	Shall	certificate of representation for the designated representative for the source and each affected unit at the source and all documents that demonstrate the truth of the statements in the certificate of representation, in accordance with 40 CFR 72.24; provided that the certificate and documents shall be retained on site at the source beyond such five year period until such documents are superseded because of the submission of a new certificate of representation changing the designated representative.	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 72, Subpart A, § 72.9	yes	yes	no
3745-103-05	(F)(1)(b)	Shall	All emissions monitoring information, in accordance with 40 CFR Part 75; provided to the extent that 40 CFR Part 75 provides for a three year period of recordkeeping, the three year period shall apply.	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 72, Subpart A, § 72.9	yes	yes	no
3745-103-05	(F)(1)(c)	Required	Copies of all reports, compliance certifications, and other submissions and all records made or required under the acid rain program.	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 72, Subpart A, § 72.9	yes	yes	no
3745-103-05	(F)(2)	Shall	The designated representative of an affected source and each affected unit at the source shall submit the reports and	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 72, Subpart A, § 72.9	yes	yes	no
3745-103-05	(F)(2)	Required	compliance certifications required under the acid rain program.	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 72, Subpart A, § 72.9	yes	yes	no
3745-103-05	(G)(1)	Shall	Any person who knowingly violates any requirement or prohibition of the acid rain program,..... shall be subject to enforcement by the USEPA pursuant to section 113(C) of the Clean Air Act and by the Ohio EPA pursuant to Chapter 3704. of the Revised Code.	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 72, Subpart A, § 72.9	yes	yes	no
3745-103-05	(G)(2)	Shall	Any person who knowingly makes a false, material statement in any record, submission, or report under the acid rain program shall be subject to criminal enforcement	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 72, Subpart A, § 72.9	yes	yes	no
3745-103-05	(G)(3)	Shall	No permit revision shall excuse any violation of the requirements of the acid rain program that occurs prior to the date that the revision takes effect.	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 72, Subpart A, § 72.9	yes	yes	no
3745-103-05	(G)(4)	Shall	Each affected source and each affected unit shall meet the requirements of the acid rain program.	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 72, Subpart A, § 72.9	yes	yes	no
3745-103-05	(G)(5)	Shall	Any provision of the acid rain program that applies to an affected source, including a provision applicable to the designated representative of an affected source, shall also apply to the owners and operators of such source and of the affected units at the source.	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 72, Subpart A, § 72.9	yes	yes	no
3745-103-05	(G)(6)	Shall	Any provision of the acid rain program that applies to an affected unit, including a provision applicable to the designated representative of an affected unit, shall also apply to the owners and operators of such unit.	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 72, Subpart A, § 72.9	yes	yes	no
3745-103-05	(G)(7)	Shall	Each violation of a provision of rules 3745-103-01 to 3745-103-66 of the Administrative Code and 40 CFR Parts 72, 73, 74, 75, 76, 77, and 78, by an affected source or affected unit, or by an owner or operator or designated representative of such source or unit, shall be a separate violation.	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 72, Subpart A, § 72.9	yes	yes	no

3745-103-05	(H)	Shall	No provision of the acid rain program, an acid rain permit application, an acid rain permit, or an exemption under rule 3745-103-03 or 3745-103-04 of the Administrative Code shall be construed as one of the following:	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 72, Subpart A, § 72.9	yes	yes	no
3745-103-05	(H)(2)	Shall	Limiting the number of allowances a source can hold; provided, that the number of allowances held by the source shall not affect the source's obligation to comply with any other provisions of the Clean Air Act.	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 72, Subpart A, § 72.9	yes	yes	no
3745-103-06	(A)(1)	Shall	Each submission under the acid rain program shall be submitted, signed, and certified by the designated representative for all sources on behalf of which the submission is made.	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 72, Subpart B, § § 72.21-72.25	yes	yes	no
3745-103-06	(A)(2)	Shall	In each submission under the acid rain program, the designated representative shall certify, by the representative's signature:	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 72, Subpart B, § § 72.21-72.25	yes	yes	no
3745-103-06	(A)(2)(a)	Shall	The following statement, which shall be included verbatim in such submission: "I am authorized to make this submission on behalf of the owners and operators of the source or units for which the submission is made."	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 72, Subpart B, § § 72.21-72.25	yes	yes	no
3745-103-06	(A)(2)(b)	Shall	The following statement, which shall be included verbatim in such submission: "I certify under penalty of law that I have personally examined, and am familiar with, the statements and information submitted in this document and all its attachments.	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 72, Subpart B, § § 72.21-72.25	yes	yes	no
3745-103-06	(A)(2)(b)	required	I am aware that there are significant penalties for submitting false statements and information or omitting required statements and information, including the possibility of fine or imprisonment."	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 72, Subpart B, § § 72.21-72.25	yes	yes	no
3745-103-06	(A)(3)	Shall	The director shall accept or act on a submission made on behalf of owners or operators of an affected source and an affected unit only if the submission has been made, signed, and certified in accordance with paragraphs (A)(1) and (A) (2) of this rule.	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 72, Subpart B, § § 72.21-72.25	yes	yes	yes
3745-103-06	(A)(4)	Shall	The designated representative of a source shall serve notice on each owner and operator of the source and of an affected unit at the source all of the following:	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 72, Subpart B, § § 72.21-72.25	yes	yes	no
3745-103-06	(A)(5)	Shall	The designated representative of a source shall provide each owner and operator of an affected unit at the source a copy of any submission or determination under paragraph (A)(4) of this rule, unless the owner or operator expressly waives the right to receive such a copy.	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 72, Subpart B, § § 72.21-72.25	yes	yes	no
3745-103-06	(B)(1)	Shall	Except as provided in 40 CFR 72.23, no objection or other communication submitted to the USEPA or the director concerning the authorization, or any representation, action, inaction, or submission of the designated representative shall affect any representation, action, inaction, or submission of the designated representative, or the finality of any decision by the Ohio EPA, under the acid rain program.	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 72, Subpart B, § § 72.21-72.25	yes	yes	no
3745-103-06	(B)(1)	Required	In the event of such communication, the director is not required to stay any submission or the effect of any action or inaction under the acid rain program.	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 72, Subpart B, § § 72.21-72.25	yes	yes	no
3745-103-06	(B)(2)	Shall	The director shall not adjudicate any private legal dispute concerning the authorization or any submission, action, or inaction of any designated representative, including private legal disputes concerning the proceeds of allowance transfers.	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 72, Subpart B, § § 72.21-72.25	yes	yes	no
3745-103-07	(A)(1)	Shall	The designated representative shall submit a complete acid rain permit application for each source with an affected unit at least six months prior to the expiration of an existing acid rain permit governing the unit during phase II or an opt-in permit	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 72, Subpart C, § 72.30	yes	yes	no
3745-103-07	(A)(2)(a)	Shall	For any source with an existing unit described under paragraph (A)(2) of rule 3745-103-02 of the Administrative Code	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 72, Subpart C, § 72.30	yes	yes	no
3745-103-07	(A)(2)(b)	Shall	For any source with a new unit described under paragraph (A)(3)(a) of rule 3745-103-02 of the Administrative Code, the designated representative shall submit a complete acid rain permit application governing such unit to the director at least twenty-four months before the later of January 1, 2000 or the date on which the unit commences operation.	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 72, Subpart C, § 72.30	yes	yes	no
3745-103-07	(A)(2)(c)	Shall	For any source with a unit described under paragraph (A)(3)(b) of rule 3745-103-02 of the Administrative Code, the designated representative shall submit a complete acid rain permit application governing such unit to the director at least twenty-four months before the later of January 1, 2000 or the date on which the unit begins to serve a generator with a nameplate capacity greater than twenty-five MWe.	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 72, Subpart C, § 72.30	yes	yes	no
3745-103-07	(A)(2)(d)	Shall	For any source with a unit described under paragraph (A)(3)(c) of rule 3745-103-02 of the Administrative Code the designated representative shall submit a complete acid rain permit application governing such unit to the director at least twenty-four months before the later of January 1, 2000 or the date on which the auxiliary firing commences operation.	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 72, Subpart C, § 72.30	yes	yes	no
3745-103-07	(A)(2)(e)	Shall	For any source with a unit described under paragraph (A)(3)(d) of rule 3745-103-02 of the Administrative Code, the designated representative shall submit a complete acid rain permit application governing such unit to the director before the later of January 1, 1998 or March first of the year following the three calendar year period in which the unit sold to a utility power distribution system an annual average of more than one-third of its potential electrical output capacity and more than two hundred nineteen thousand MWe-hrs actual electric output on a gross basis.	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 72, Subpart C, § 72.30	yes	yes	no

3745-103-07	(A)(2)(f)	Shall	For any source with a unit described under paragraph (A)(3)(e) of rule 3745-103-02 of the Administrative Code, the designated representative shall submit a complete acid rain permit application governing such unit to the director before the later of January 1, 1998 or March first of the year following the calendar year in which the facility fails to meet the definition of a "qualifying facility."	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 72, Subpart C, § 72.30	yes	yes	no
3745-103-07	(A)(2)(g)	Shall	For any source with a unit described under paragraph (A)(3)(f) of rule 3745-103-02 of the Administrative Code, the designated representative shall submit a complete acid rain permit application governing such unit to the director before the later of January 1, 1998 or March first of the year following the calendar year in which the facility fails to meet the definition of an "independent power production facility."	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 72, Subpart C, § 72.30	yes	yes	no
3745-103-07	(A)(2)(h)	Shall	For any source with a unit described under paragraph (A)(3)(g) of rule 3745-103-02 of the Administrative Code, the designated representative shall submit a complete acid rain permit application governing such unit to the director before the later of January 1, 1998 or March first of the year following the three calendar year period in which the incinerator consumed twenty per cent or more fossil fuel (on a Btu basis).	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 72, Subpart C, § 72.30	yes	yes	no
3745-103-07	(B)	Shall	A complete acid rain permit application shall be submitted on USEPA form 7610-16.	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 72, Subpart C, § 72.30	yes	yes	no
3745-103-08	(A)	Shall	Once a designated representative submits a timely and complete acid rain permit application, the owners and operators of the affected source and the affected units covered by the permit application shall be deemed in compliance with the requirement to have an acid rain permit	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 72, Subpart C, § 72.32	yes	yes	no
3745-103-08	(A)	Required	provided that any delay in issuing an acid rain permit is not caused by the failure of the designated representative to submit in a complete and timely fashion supplemental information, as required by the director, necessary to issue a permit.	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 72, Subpart C, § 72.32	yes	yes	yes
3745-103-08	(B)	Shall	Prior to the earlier of the date on which an acid rain permit is issued or denied, an affected unit governed by and operated in accordance with the terms and requirements of a timely and complete acid rain permit application shall be deemed to be operating in compliance with the acid rain program.	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 72, Subpart C, § 72.32	yes	yes	no
3745-103-08	(C)	Shall	A complete acid rain permit application shall be binding on the owners and operators and the designated representative of the affected source and	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 72, Subpart C, § 72.32	yes	yes	no
3745-103-08	(C)	Shall	the affected units covered by the permit application and shall be enforceable as an acid rain permit from the date of submission of the complete permit application until the issuance or denial of such permit.	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 72, Subpart C, § 72.32	yes	yes	no
3745-103-08	(D)	Shall	If a permit is appealed under 40 CFR Part 78, issuance or denial of the permit shall occur when the USEPA takes final action subject to judicial review.	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 72, Subpart C, § 72.32	yes	yes	no
3745-103-08	(E)	Shall	40 CFR Part 78 shall govern appeals of any final decision of the USEPA under 40 CFR Parts 72, 73, 74, 75, 76, and 77; provided that matters listed in paragraph (d) of 40 CFR 78.3 and preliminary, procedural, or intermediate decisions, such as draft acid rain permits, may not be appealed.	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 72, Subpart C, § 72.32	yes	yes	no
3745-103-08	(E)	May not	may not be appealed.	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 72, Subpart C, § 72.32	yes	yes	no
3745-103-08	(F)	Shall	Filing an appeal, and exhausting administrative remedies, under 40 CFR Part 78 shall be a prerequisite to seeking judicial review.	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 72, Subpart C, § 72.32	yes	yes	no
3745-103-09	(A)(1)	Shall	A plan for a compliance option that includes units at more than one affected source shall be complete only if both of the following apply:	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 72, Subpart C, § 72.32	yes	yes	no
3745-103-09	(A)(2)	Shall	The director's approval of a plan under paragraph (A)(1) of this rule that includes units in more than one state shall be final only after every permitting authority with jurisdiction over any such unit has approved the plan with the same modifications or conditions, if any.	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 72, Subpart D, § 72.40	yes	yes	no
3745-103-09	(B)(1)	Shall	To activate a conditionally approved acid rain compliance option, the designated representative shall notify the director in writing that the conditionally approved compliance option will actually be pursued beginning January first of a specified year.	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 72, Subpart D, § 72.40	yes	yes	no
3745-103-09	(B)(1)	Shall	Such notification shall be subject to the limitations on activation under rules	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 72, Subpart D, § 72.40	yes	yes	no
3745-103-09	(B)(1)	Shall	If the conditionally approved compliance option includes a plan described in paragraph (A)(1) of this rule, the designated representative of each source governed by the plan shall sign and certify the notification.	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 72, Subpart D, § 72.40	yes	yes	no
3745-103-09	(B)(2)	Shall	The notification under paragraph (B)(1) of this rule shall specify the first calendar year and the last calendar year for which the conditionally approved acid rain compliance option is to be activated	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 72, Subpart D, § 72.40	yes	yes	no
3745-103-09	(B)(2)	Shall	A conditionally approved compliance option shall be activated, if at all, before the date of any enforceable milestone applicable to the compliance option.	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 72, Subpart D, § 72.40	yes	yes	no
3745-103-09	(B)(2)	Shall	The date of activation of the compliance option shall not be a defense against failure to meet the requirements applicable to that compliance option during each calendar year for which the compliance option is activated.	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 72, Subpart D, § 72.40	yes	yes	no

3745-103-09	(C)(1)	Shall	{terminatin of complaince Option] Such notification shall be subject to the limitations on termination under rules	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 72, Subpart D, § 72.40	yes	yes	no
3745-103-09	(C)(1)	Shall	If the compliance option includes a plan described in paragraph (A)(1) of this rule, the designated representative for each source governed by the plan shall sign and certify the notification.	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 72, Subpart D, § 72.40	yes	yes	no
3745-103-09	(C)(2)	Shall	The notification under paragraph (C)(1) of this rule shall specify the calendar year for which the termination will take effect.	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 72, Subpart D, § 72.40	yes	yes	no
3745-103-11	(A)	Shall	Each acid rain permit, including any draft or proposed acid rain permit, shall contain all of the following elements:	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 72, Subpart E, § 72.50	yes	yes	no
3745-103-11	(A)(1)	required	All elements required for a complete acid rain permit application under rule as approved or adjusted by the direct	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 72, Subpart E, § 72.50	yes	yes	no
3745-103-12	NA	Shall	Each affected unit operated in accordance with the acid rain permit that governs the unit and that was issued in conjunction with Title IV of the Clean Air Act, as provided in rules 3745-103-01 to 3745-103-21 of the Administrative Code, and 40 CFR Parts 72, 73, 74, 75, 76, 77, and 78, shall be deemed to be operating in compliance with the acid rain program, except as provided in paragraph (G)(6) of rule 3745-103-05 of the Administrative Code.	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 72, Subpart E, § 72.51	yes	yes	no
3745-103-13	(A)(1)	Shall	The Ohio EPA shall be responsible for administering and enforcing acid rain permits effective in phase II for all affected sources that meet both of the following:	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 72, Subpart G § 72.73	yes	yes	yes
3745-103-13	(A)(2)	Shall	In administering and enforcing acid rain permits, the Ohio EPA shall comply with the procedures for issuance, revision, renewal, and appeal of acid rain permits under this rule and rules	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 72, Subpart G § 72.73	yes	yes	yes
3745-103-13	(B)(1)	Shall	The Ohio EPA, to the extent that it is responsible under paragraph (A) of this rule as of December 31, 1997 (or such later date as the USEPA may establish) for administering and enforcing acid rain permits, shall :	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 72, Subpart G § 72.73	yes	yes	yes
3745-103-13	(B)(2)	Shall	Each acid rain permit issued in accordance with this rule shall have a term of five years commencing on the effective date; provided that, at the discretion of the Ohio EPA, an acid rain permit for phase II issued to a source may have a term of less than five years where necessary to coordinate the term of such permit with the term of an operating permit	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 72, Subpart G § 72.73	yes	yes	no
3745-103-13	(B)(2)	Shall	Each acid rain permit issued in accordance with paragraph (B)(1) of this rule shall take effect by the later of January 1	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 72, Subpart G § 72.73	yes	yes	no
3745-103-14	(B)	Shall	No administrative appeal concerning an acid rain requirement shall result in a stay of any of the following requirements:	3704.03(E)	mandated Federal law, approved state rule	????MAYBE 72.12	yes	yes	no
3745-103-15	(A)	Shall	This rule shall govern revisions to any acid rain permit issued by the director and the acid rain portion of any operating permit issued by the director.	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 72, Subpart H § 72.80	yes	yes	no
3745-103-15	(B)	Shall	rules 3745-103-14 and 3745-103-16 to 3745-103-20 of the Administrative Code shall govern revision of any acid rain program permit provision.	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 72, Subpart H § 72.80	yes	yes	no
3745-103-15	(C)	Shall	The terms of the existing acid rain permit shall apply while the permit revision is pending, except as provided in rule	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 72, Subpart H § 72.80	yes	yes	no
3745-103-15	(D)	Shall	The standard requirements of rule 3745-103-05 of the Administrative Code shall not be modified or voided by a perm	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 72, Subpart H § 72.80	yes	yes	no
3745-103-15	(E)	Shall	ny permit revision involving incorporation of a compliance option that was not submitted for approval and comment during the permit issuance process, or involving a change in a compliance option that was previously submitted, shall meet the requirements for applying for such compliance option	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 72, Subpart H § 72.80	yes	yes	no
3745-103-15	(F)	Shall	Any designated representative who fails to submit any relevant information or who has submitted incorrect information in a permit revision shall , upon becoming aware of such failure or incorrect submittal, promptly submit such supplementary information or corrected information to the director.	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 72, Subpart H § 72.80	yes	yes	no
3745-103-16	(A)	Shall	Permit modifications shall meet both of the following:	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 72, Subpart H § 72.81	yes	yes	no
3745-103-17	(A)	Shall	Fast-track modifications shall follow the following procedures:	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 72, Subpart H § 72.82	yes	yes	no
3745-103-17	(A)(1)	Shall	The designated representative shall serve a copy of the fast-track modification on the USEPA, the director, and any person entitled to a written notice of a draft permit	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 72, Subpart H § 72.82	yes	yes	no
3745-103-17	(A)(1)	Shall	Within five business days of serving such copies, the designated representative shall also give public notice	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 72, Subpart H § 72.82	yes	yes	no
3745-103-17	(A)(2)	Shall	The public shall have a period of thirty days, commencing on the date of publication of the notice, to comment on the fast-track modification.	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 72, Subpart H § 72.82	yes	yes	no
3745-103-17	(A)(2)	Shall	Comments shall be submitted in writing to the director and to the designated representative.	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 72, Subpart H § 72.82	yes	yes	no
3745-103-17	(A)(3)	Shall	The designated representative shall submit the fast-track modification to the director on or before commencement of the public comment period.	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 72, Subpart H § 72.82	yes	yes	no
3745-103-17	(A)(4)	Shall	Within ninety days of the close of the public comment period, the Ohio EPA shall consider the fast-track modification and the comments received and approve, in whole or in part or with changes or conditions as appropriate, or disapprove the modification	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 72, Subpart H § 72.82	yes	yes	yes

3745-103-17	(A)(4)	Shall	.A fast-track modification shall be subject to the same provisions for review by the USEPA and the director as are applicable to a permit modification	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 72, Subpart H § 72.82	yes	yes	no
3745-103-18	(A)	Shall	Administrative amendments shall follow the procedures set forth under paragraph (B) of rule 3745-77-08 of the Administrative Code.	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 72, Subpart H § 72.83	yes	yes	no
3745-103-18	(A)	Shall	The director shall submit the revised portion of the permit to the USEPA within ten working days after the date of final action on the request for an administrative amendment.	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 72, Subpart H § 72.83	yes	yes	yes
3745-103-18	(B)(6)	Shall	[Are administrative amendments] Termination of a compliance option in the permit; provided that all requirements for termination of a compliance option shall be subject to the same provisions for review by the USEPA and the director as are applicable to a permit modification	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 72, Subpart H § 72.83	yes	yes	no
3745-103-18	(B)(6)	Shall	this procedure shall not be used to terminate a repowering plan after December 31, 1999;	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 72, Subpart H § 72.83	yes	yes	yes
3745-103-18	(C)(1)	Shall	The director shall take final action on an administrative permit amendment, or for the addition of an alternative emissions limitation demonstration period.	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 72, Subpart H § 72.83	yes	yes	yes
3745-103-18	(D)	Shall	The director shall designate the permit revision under paragraph (B) of this rule as having been made as an administrative permit amendment.	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 72, Subpart H § 72.83	yes	yes	yes
3745-103-18	(D)	Shall	The director shall submit the revised portion of the permit to the USEPA.	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 72, Subpart H § 72.83	yes	yes	yes
3745-103-18	(E)	Shall	An administrative amendment shall not be subject to the provisions for review by the USEPA and affected states	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 72, Subpart H § 72.83	yes	yes	no
3745-103-19	NA	Shall	The following permit revisions shall be deemed to amend automatically, and become a part of the affected unit's acid rain permit by operation of law without any further review:	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 72, Subpart H § 72.84	yes	yes	no
3745-103-20	(A)	Shall	The director shall reopen an acid rain permit for cause whenever any of the following occur:	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 72, Subpart H § 72.85	yes	yes	yes
3745-103-20	(A)(3)	Must	The director determines that the permit must be revised or revoked to assure compliance with acid rain program requirements.	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 72, Subpart H § 72.84	yes	yes	yes
3745-103-20	(B)	Shall	In reopening an acid rain permit for cause, the director shall issue a draft permit changing the provisions,	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 72, Subpart H § 72.84	yes	yes	yes
3745-103-20	(B)	Shall	The draft permit shall be subject to the requirements of rules	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 72, Subpart H § 72.84	yes	yes	no
3745-103-20	(C)	Shall	the director shall reopen an acid rain permit to incorporate nitrogen oxides requirements	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 72, Subpart H § 72.84	yes	yes	yes
3745-103-21	(A)	Shall	The designated representative of a unit governed by an approved repowering plan shall notify the USEPA and the Ohio EPA in writing at least sixty days in advance of the date on which the existing unit is to be removed from operation so that the qualified repowering technology can be installed, or is to be replaced	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 72, Subpart I § 72.84	yes	yes	no
3745-103-21	(B)	Shall	Not later than sixty days after the units repowered under an approved repowering plan commences operation at full load, the designated representative of the unit shall submit a report to the USEPA and the Ohio EPA	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 72, Subpart I § 72.84	yes	yes	no
3745-103-21	(C)	Shall	When the owners and operators decide to terminate good faith efforts to design, construct, and test the qualified repowering technology on the unit to be repowered under an approved repowering plan, then the designated representative shall submit a notice to the USEPA and the Ohio EPA	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 72, Subpart I § 72.84	yes	yes	no
3745-103-24	(A)(1)	Shall	For purposes of applying 40 CFR Parts 72, 73, 75, 77 and 78, each opt-in source shall be treated as an affected unit.	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 74, Subpart A § 74.3	yes	yes	no
3745-103-24	(A)(2)	Shall	40 CFR Part 72 Subparts A, B, G, and H, and rules 3745-103-01, 3745-103-02, 3745-103-03, 3745-103-04, and 3745-103-05 of the Administrative Code, shall apply to this rule.	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 74, Subpart A § 74.3	yes	yes	no
3745-103-24	(B)	Shall	The director shall act in accordance with this rule and rules....	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 74, Subpart A § 74.3	yes	yes	no
3745-103-24	(B)	Shall	To the extent that any requirement of this rule, 40 CFR Part 72, 40 CFR Part 78, and rule 3745-103-13 of the Administrative Code, are inconsistent with the requirements of rule 3745-77-08 of the Administrative Code, 40 CFR Part 71, the requirements of this rule, 40 CFR Part 72, 40 CFR Part 78, rule 3745-103-13 of the Administrative Code, and section 3745.04 of the Revised Code, shall take precedence and	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 74, Subpart A § 74.3	yes	yes	no
3745-103-24	(B)	Shall	shall govern the issuance, denials, revision, reopening, renewal, and appeal of the opt-in permit.	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 74, Subpart A § 74.3	yes	yes	no
3745-103-24	(D)	Shall	A combustion or process source that becomes an affected unit under this rule shall be subject to all the requirements of 40 CFR Part 73, Subparts C and D, consistent with rules	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 74, Subpart A § 74.3	yes	yes	no
3745-103-24	(E)	Shall	A combustion or process source that becomes an affected unit under this rule shall be subject to the requirements of 40 CFR Part 77 applicable to excess emissions of sulfur dioxide and	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 74, Subpart A § 74.3	yes	yes	no
3745-103-24	(E)	Shall	shall not be subject to the requirements of 40 CFR Part 77 applicable to excess emissions of nitrogen oxides.	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 74, Subpart A § 74.3	yes	yes	no

3745-103-24	(F)	Shall	A combustion or process source that becomes an affected unit under this rule shall be subject to all the requirements of 40 CFR Part 75, consistent with rules 3745-103-52 and 3745-103-53 of the Administrative Code.	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 74, Subpart A § 74.3	yes	yes	no
3745-103-25	(A)	Shall	The provisions of rule 3745-103-06 of the Administrative Code shall apply to the designated representative of an opt-	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 74, Subpart A § 74.4	yes	yes	no
3745-103-25	(B)	Shall	If a combustion or process source is located at the same facility as one or more affected units, the combustion or process source shall have the same designated representative as the other affected units at the facility.	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 74, Subpart A § 74.4	yes	yes	no
3745-103-26	(B)	Shall	The director shall be responsible for all of the following activities:	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 74, Subpart B § 74.10	yes	yes	yes
3745-103-26	(A)	Shall	The USEPA shall be responsible for all of the following activities under the opt-in provisions of the acid rain program:	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 74, Subpart B § 74.10	yes	yes	no
3745-103-27	(A)	Shall	The opt-in permit shall be included in the acid rain permit.	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 74, Subpart B § 74.12	yes	yes	no
3745-103-27	(B)	Shall	The opt-in permit provisions shall apply only to the opt-in source and not to any other affected units.	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 74, Subpart B § 74.12	yes	yes	no
3745-103-27	(C)	Shall	Each opt-in permit, including any draft or proposed opt-in permit, shall contain all of the following elements in a format specified by the USEPA:	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 74, Subpart B § 74.12	yes	yes	no
3745-103-27	(C)(1)	Required	All elements required for a complete opt-in permit application	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 74, Subpart B § 74.12	yes	yes	no
3745-103-27	(C)(1)	Required	if applicable, all elements required for a complete opt-in permit renewal application	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 74, Subpart B § 74.12	yes	yes	no
3745-103-27	(C)(3)	Shall	The standard permit requirements as provided under rule 3745-103-05 of the Administrative Code, except that the provisions in paragraph (D) of rule 3745-103-05 of the Administrative Code shall not be included in the opt-in permit.	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 74, Subpart B § 74.12	yes	yes	no
3745-103-27	(D)	Shall	Each opt-in permit shall be deemed to incorporate the definitions of terms under rule 3745-103-01 of the Administra	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 74, Subpart B § 74.12	yes	yes	no
3745-103-27	(E)	Shall	Each opt-in source operated in accordance with the opt-in permit that governs the opt-in source and that was issued	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 74, Subpart B § 74.12	yes	yes	no
3745-103-27	(F)	Shall	An opt-in permit shall be issued for a period of five years and may be renewed	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 74, Subpart B § 74.12	yes	yes	no
3745-103-28	(B)	Shall	The director shall issue or deny opt-in permits or revisions of opt-in permits in accordance with the procedures	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 74, Subpart B § 74.14	yes	yes	yes
3745-103-28	(B)(2)	Shall	monitoring plan shall be determined to be sufficient, for purposes of interim review, if the plan appears to contain information demonstrating that all SO ₂ emissions, NO _x emissions, CO ₂ emissions, and opacity of the combustion or process source are monitored and reported in accordance with 40 CFR Part 75.	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 74, Subpart B § 74.14	yes	yes	no
3745-103-28	(B)(2)	Shall	This interim review of sufficiency shall not be construed as the approval or disapproval of the combustion or process source's monitoring system.	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 74, Subpart B § 74.14	yes	yes	no
3745-103-28	(B)(3)	Shall	the director shall serve the draft opt-in permit or the denial of a draft permit or the draft opt-in permit revisions or the denial of draft opt-in permit revisions on the designated representative of the combustion or process source submitting an opt-in permit application.	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 74, Subpart B § 74.14	yes	yes	yes
3745-103-28	(B)(3)	Shall	A draft permit or draft opt-in permit revision shall not be served or issued if the monitoring plan is determined not to be sufficient.	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 74, Subpart B § 74.14	yes	yes	no
3745-103-28	(B)(4)	Shall	the designated representative of a combustion or process source submitting an opt-in permit application shall submit to the USEPA and the director, in writing, a confirmation or recision of the source's intention to become an opt-in source under this rule.	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 74, Subpart B § 74.14	yes	yes	no
3745-103-28	(B)(4)	Shall	The USEPA shall treat the failure to make a timely submission as a recision of the source's intention to become an opt-in source and as a withdrawal of the opt-in permit application.	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 74, Subpart B § 74.14	yes	yes	no
3745-103-28	(B)(5)	Shall	If the designated representative confirms the combustion or process source's intention to opt in under paragraph (B) of this rule, the director shall give notice of the draft opt-in permit or denial of the draft opt-in permit and an opportunity for public comment	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 74, Subpart B § 74.14	yes	yes	yes
3745-103-28	(B)((6)	Shall	The director shall issue or deny an opt-in permit within eighteen months of receipt of a complete opt-in permit application or such lesser time approved for operating permits	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 74, Subpart B § 74.14	yes	yes	yes
3745-103-28	(B)(7)	Shall	Once a combustion or process source withdraws its application, in order to re-apply, the designated representative shall submit a new opt-in permit application	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 74, Subpart B § 74.14	yes	yes	no
3745-103-28	(D)(1)	Shall	The effective date of the opt-in permit shall be either January first, April first, July first, or October first for a combustion or process source	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 74, Subpart B § 74.14	yes	yes	no
3745-103-28	(D)(1)	Shall	The combustion or process source shall become an opt-in source and an affected unit as of the effective date of the opt-in permit.	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 74, Subpart B § 74.14	yes	yes	no

3745-103-28	(D)(2)	Shall	After the opt-in permit becomes effective, the USEPA shall allocate allowances to the opt-in source	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 74, Subpart B § 74.14	yes	yes	no
3745-103-28	(D)(2)	Shall	If the effective date of the opt-in permit is not January first, allowances for the first year shall be prorated	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 74, Subpart B § 74.14	yes	yes	no
3745-103-28	(E)	Shall	permit before the completion of the monitoring system certificaion....for process sources shall expire one hundred eighty days after the director serves the opt-in permit on the designated representative of the combustion or process source governed by the opt-in permit, unless such monitoring system certification is complete.	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 74, Subpart B § 74.14	yes	yes	no
3745-103-28	(E)	Shall	The designated representative may petition the USEPA and the director to extend this time period in which an opt-in permit expires and shall explain in the petition why such an extension should be granted.	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 74, Subpart B § 74.14	yes	yes	no
3745-103-28	(E)	Shall	The designated representative of a combustion source governed by an expired opt-in permit that seeks to become an opt-in source shall submit a new opt-in permit application.	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 74, Subpart B § 74.14	yes	yes	no
3745-103-29	(A)	Shall	Each complete opt-in permit application for a combustion source shall contain all of the following elements in a format prescribed by the USEPA:	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 74, Subpart B § 74.16	yes	yes	no
3745-103-29	(B)	Shall	The designated representative of the combustion source shall submit a monitoring plan	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 74, Subpart B § 74.16	yes	yes	no
3745-103-31	(B)	Shall	To withdraw from the acid rain program, the designated representative of an opt-in source shall submit to the USEPA and the director a request to withdraw	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 74, Subpart B § 74.18	yes	yes	no
3745-103-31	(B)	Shall	The submission shall be made no later than December first of the calendar year preceding the effective date of withdrawal.	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 74, Subpart B § 74.18	yes	yes	no
3745-103-31	(C)	Must	Conditions for withdrawal. In order for an opt-in source to withdraw, the following conditions must be met:	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 74, Subpart B § 74.18	yes	yes	no
3745-103-31	(C)(1)	Must	By no later than January thirtieth of the first calendar year in which the withdrawal is to be effective, the designated representative must submit to the USEPA an annual compliance certification report	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 74, Subpart B § 74.18	yes	yes	no
3745-103-31	(C)(2)	Must	If the opt-in source has excess emissions in the calendar year before the year for which the withdrawal is to be in effect, the designated representative must submit an offset plan for excess emissions,	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 74, Subpart B § 74.18	yes	yes	no
3745-103-31	(D)	Shall	the USEPA shall deduct allowances required to be deducted under 40 CFR 73.35 and 40 CFR Part 77	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 74, Subpart B § 74.18	yes	yes	no
3745-103-31	(D)	Required	deduct allowances required to be deducted under 40 CFR 73.35 and 40 CFR Part 77	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 74, Subpart B § 74.18	yes	yes	no
3745-103-31	(E)	Shall	An opt-in source that withdraws from the acid rain program shall comply with all requirements under the acid rain program concerning all years for which the opt-in source was an affected unit	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 74, Subpart B § 74.18	yes	yes	no
3745-103-31	(E)	Must	even if such requirements arise, or must be complied with after the withdrawal takes effect.	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 74, Subpart B § 74.18	yes	yes	no
3745-103-31	(F)(1)	Shall	the USEPA shall issue a notification to the director and the designated representative of the opt-in source of the acceptance of the opt-in source's request to withdraw.	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 74, Subpart B § 74.18	yes	yes	no
3745-103-31	(F)(2)	Shall	If the requirements for withdrawal under paragraphs (B) and (C) of this rule are not met or the USEPA's action under paragraph (D) of this rule cannot be completed, the USEPA shall issue a notification to the director and the designated representative of the opt-in source that the opt-in source's request to withdraw is denied.	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 74, Subpart B § 74.18	yes	yes	no
3745-103-31	(F)(2_	Shall	If the opt-in source's request to withdraw is denied, the opt-in source shall remain in the opt-in program and	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 74, Subpart B § 74.18	yes	yes	no
3745-103-31	(F)(2)	Shall	shall remain subject to the requirements for opt-in sources contained in this rule.	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 74, Subpart B § 74.18	yes	yes	no
3745-103-31	(G)(1)	Required	After the USEPA issues a notification under paragraph (F)(1) of this rule that the requirements for withdrawal have been met (including the deduction of the full amount of allowances as required under paragraph (D) of this rule)	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 74, Subpart B § 74.18	yes	yes	no
3745-103-31	(G)(1)	Shall	the director shall amend, in accordance with rules....., the opt-in source's acid rain permit to terminate the opt-in permit, not later than sixty days from the issuance of the notification under paragraph (F) of this rule.	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 74, Subpart B § 74.18	yes	yes	yes
3745-103-31	(G)(2)	Shall	An opt-in source shall continue to be an affected unit until the effective date of the termination.	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 74, Subpart B § 74.18	yes	yes	no
3745-103-31	(I)	May not	Once a combustion or process source withdraws from the acid rain program and its opt-in permit is terminated, a new opt-in permit application for the combustion or process source may not be submitted prior to the date that is four years after the date on which the opt-in permit became effective.	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 74, Subpart B § 74.18	yes	yes	no
3745-103-32	(B)(1)	Must	In order to renew an opt-in permit if the director is the permitting authority for the renewed permit, the designated representative of an opt-in source must submit to the director an opt-in permit application at least eighteen months prior to the expiration of an existing opt-in permit or	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 74, Subpart B § 74.19	yes	yes	no

3745-103-32	(B)(2)	Shall	Each complete opt-in permit application submitted to renew an opt-in permit shall contain the following elements in a format prescribed by the USEPA:	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 74, Subpart B § 74.19	yes	yes	no
3745-103-32	(B)(2)	Shall	Upon receipt of an opt-in permit application submitted to renew an opt-in permit, the director shall issue or deny an opt-in permit	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 74, Subpart B § 74.19	yes	yes	yes
3745-103-32	(B)(2)(b)(1)	Shall	When issuing a renewed opt-in permit, the director shall not alter an opt-in source's allowance allocation	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 74, Subpart B § 74.19	yes	yes	no
3745-103-33	(A)(1)	Shall	The designated representative of a combustion source shall submit either the baseline data specified in paragraphs (A)(2) and (A)(3) of this rule or alternative baseline data under paragraph (C) of this rule.	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 74, Subpart C § 74.20	yes	yes	no
3745-103-33	(A)(1)	Shall	The designated representative shall also submit the calculations under this rule based on such data.	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 74, Subpart C § 74.20	yes	yes	no
3745-103-33	(A)(2)	Shall	The following baseline data shall be submitted for the combustion source for the calendar year	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 74, Subpart C § 74.20	yes	yes	no
3745-103-33	(A)(2)(a)	Shall	quantity : If other fuels [other than coal, oil, natural gas] are used, the combustion source shall specify units of measure.	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 74, Subpart C § 74.20	yes	yes	no
3745-103-33	(A)(2)(b)	Shall	heat content : If other fuels are used, the combustion source shall specify units of measure.	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 74, Subpart C § 74.20	yes	yes	no
3745-103-33	(A)(3)(a)	Shall	For combustion sources that commenced operating prior to January 1, 1985, data under this rule shall be submitted for calendar years 1985, 1986, and 1987.	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 74, Subpart C § 74.20	yes	yes	no
3745-103-33	(A)(3)(b)	Shall	For combustion sources that commenced operation after January 1, 1985, the data under this rule shall be submitted for the first three consecutive calendar years during which the combustion source operated after December 31, 1985.	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 74, Subpart C § 74.20	yes	yes	no
3745-103-33	(B)(1)	Shall	or combustion sources that commenced operation prior to January 1, 1985,.....The baseline shall be calculated as follows:	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 74, Subpart C § 74.20	yes	yes	no
3745-103-33	(B)(1)(a)	Must	For other fuels, the combustion source must specify unit conversion; or	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 74, Subpart C § 74.20	yes	yes	no
3745-103-33	(B)(1)(b)	Must	For other fuels, the combustion source must specify unit conversion.	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 74, Subpart C § 74.20	yes	yes	no
3745-103-33	(B)(2)	Shall	For combustion sources that commenced operation after January 1, 1985, ...The alternative baseline shall be calculated as follows:	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 74, Subpart C § 74.20	yes	yes	no
3745-103-33	(C)(1)	Shall	The alternative baseline for these combustion sources shall be calculated using the equation for alternative baseline in paragraph (B)(2) of this rule and the definition of annual fuel consumption	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 74, Subpart C § 74.20	yes	yes	no
3745-103-33	(C)(2)	Required	A combustion source that cannot submit all required data,	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 74, Subpart C § 74.20	yes	yes	no
3745-103-33	(C)(2)	Shall	A combustion source that cannot submit all required data, in accordance with this rule, shall not be eligible to submit an opt-in permit application.	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 74, Subpart C § 74.20	yes	yes	no
3745-103-34	(A)	Shall	The designated representative of a combustion source shall submit the calculations under this rule	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 74, Subpart C § 74.22	yes	yes	no
3745-103-34	(A)(1)	Shall	For combustion sources that commenced operation prior to January 1, 1985, the calendar year for calculating the actual SO ₂ emissions rate shall be 1985.	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 74, Subpart C § 74.22	yes	yes	no
3745-103-34	(A)(2)	Shall	For combustion sources that commenced operation after January 1, 1985, the calendar year for calculating the actual SO ₂ emissions rate shall be the first year of the three consecutive calendar years of the alternative baseline	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 74, Subpart C § 74.22	yes	yes	no
3745-103-34	(A)(3)	Shall	For combustion sources meeting the requirements of paragraph (C) of rule 3745-103-33 of the Administrative Code, t	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 74, Subpart C § 74.22	yes	yes	no
3745-103-34	(B)	Shall	The SO ₂ emissions factor for each type of fuel consumed during the specified year, ... shall be calculated as follows:	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 74, Subpart C § 74.22	yes	yes	no
3745-103-34	(B)	Must	For other fuels, the combustion source must specify the SO ₂ emissions factor.	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 74, Subpart C § 74.22	yes	yes	no
3745-103-34	(C)	Shall	Annual SO ₂ emissions for the specified calendar year, expressed in pounds, shall be calculated as follows:	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 74, Subpart C § 74.22	yes	yes	no
3745-103-34	(D)	Shall	Annual fuel consumption for the specified calendar year, expressed in MMBtu, shall be calculated as defined under p	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 74, Subpart C § 74.22	yes	yes	no
3745-103-34	(E)	Shall	Actual SO ₂ emissions rate calculation. The actual SO ₂ emissions rate for the specified calendar year, expressed in pounds per MMBtu, shall be calculated as follows:	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 74, Subpart C § 74.22	yes	yes	no
3745-103-35	(A)	Shall	he designated representative of the combustion source shall submit the following data and the calculations under paragraph (C) of this rule based on the submitted data:	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 74, Subpart C § 74.23	yes	yes	no
3745-103-35	(A)(1)	Shall	If the allowable SO ₂ emissions rate is not expressed in pounds per MMBtu, the allowable emissions rate shall be converted to pounds per MMBtu	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 74, Subpart C § 74.23	yes	yes	no
3745-103-35	(B)(1)	Shall	For combustion sources that commenced operation prior to January 1, 1985, the calendar year for the allowable SO ₂ emissions rate shall be 1985.	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 74, Subpart C § 74.23	yes	yes	no

3745-103-35	(B)(2)	Shall	For combustion sources that commenced operation after January 1, 1985, the calendar year for the allowable SO ₂ emissions rate shall be the first year of the three consecutive calendar years of the alternative baseline	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 74, Subpart C § 74.23	yes	yes	no
3745-103-35	(B)(3)	Shall	For combustion sources meeting the requirements of paragraph (C) of rule 3745-103-33 of the Administrative Code, the	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 74, Subpart C § 74.23	yes	yes	no
3745-103-35	(C)	Shall	The allowable SO ₂ emissions rate for the specified calendar year shall be calculated as follows:	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 74, Subpart C § 74.23	yes	yes	no
3745-103-36	NA	Shall	The designated representative shall submit the following data:	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 74, Subpart C § 74.24	yes	yes	no
3745-103-36	(A)	Shall	Current allowable SO ₂ emissions rate of the combustion source, expressed in pounds per MMBtu, which shall be the most stringent federally enforceable emissions limit in effect as of the date of submission of the opt-in application	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 74, Subpart C § 74.24	yes	yes	no
3745-103-36	(A)	Shall	If the allowable SO ₂ emissions rate is not expressed in pounds per MMBtu, the allowable emissions rate shall be converted to pounds per MMBtu	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 74, Subpart C § 74.24	yes	yes	no
3745-103-37	NA	Shall	The designated representative shall submit the following data:	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 74, Subpart C § 74.25	yes	yes	no
3745-103-37	(A)	Shall	Current promulgated SO ₂ emissions limit of the combustion source, expressed in pounds per MMBtu, which shall be the most stringent federally enforceable emissions limit that has been promulgated as of the date of submission of the opt-in permit application and that either is in effect on that date or will take effect after that date.	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 74, Subpart C § 74.25	yes	yes	no
3745-103-37	(A)	Shall	If the promulgated SO ₂ emissions limit is not expressed in pounds per MMBtu, the limit shall be converted to pounds per MMBtu	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 74, Subpart C § 74.25	yes	yes	no
3745-103-39	(A)(2)	Must	[Date of entry.] ...If an opt-in source provided annual data under rule 3745-103-33 of the Administrative Code, the opt-in	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 74, Subpart C § 74.28	yes	yes	no
3745-103-39	(B)(3)(a)	Shall	Prorating by calendar quarter. Remaining calendar quarters" shall be the calendar quarters in the first year for which the opt-in permit will be effective.	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 74, Subpart C § 74.28	yes	yes	no
3745-103-39	(B)(3)(b)	Must	For other fuels, the combustion source must specify unit conversion;	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 74, Subpart C § 74.28	yes	yes	no
3745-103-41	(B)	Shall	The designated representative of the opt-in source shall, on or after the effective date of the opt-in permit, submit a	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 74, Subpart E § 74.40	yes	yes	no
3745-103-42	(A)	Shall	Allowances allocated to an opt-in source shall be assigned a serial number that identifies the allowances as being allocated under an opt-in permit.	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 74, Subpart E § 74.41	yes	yes	no
3745-103-42	(B)(2)	May not	Authorized account representatives may not offer for sale in the advance auctions under 40 CFR 73.70 allowances allocated to opt-in sources.	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 74, Subpart E § 74.41	yes	yes	no
3745-103-43	(A)	Shall	With regard to a transfer request submitted for recordation during the period starting January first and ending with the allowance transfer deadline in the same year, the USEPA shall not record a transfer of an opt-in allowance that is allocated to an opt-in source for the year in which the transfer request is submitted or a subsequent year.	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 74, Subpart E § 74.42	yes	yes	no
3745-103-43	(B)	Shall	With regard to a transfer request during the period starting with the day after an allowance transfer deadline and ending December thirty-first in the same year, the USEPA shall not record a transfer of an opt-in allowance that is allocated to an opt-in source for a year after the year in which the transfer request is submitted.	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 74, Subpart E § 74.42	yes	yes	no
3745-103-44	(A)	Shall	For each calendar year in which an opt-in source is subject to the acid rain emissions limitations, the designated representative of the opt-in source shall submit to the USEPA, no later than sixty days after the end of the calendar year, an annual compliance certification report for the opt-in source.	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 74, Subpart E § 74.43	yes	yes	no
3745-103-44	(B)	Shall	The designated representative shall include all of the following in the annual compliance certification report the following elements, in a format prescribed by the USEPA, concerning the opt-in source and the calendar year covered by the report:	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 74, Subpart E § 74.43	yes	yes	no
3745-103-44	(C)	Shall	the annual compliance certification report under paragraph (A) of this rule, the designated representative shall certify, based on reasonable inquiry of those persons with primary responsibility for operating the opt-in source in compliance with the acid rain program, whether the opt-in source was operated during the calendar year covered by the report in compliance with the requirements of the acid rain program	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 74, Subpart E § 74.43	yes	yes	no
3745-103-44	(C)(5)	Required	a change is required to be reported under paragraph (C)(4) of this rule, specify the nature of the change,	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 74, Subpart E § 74.43	yes	yes	no
3745-103-45	(A)(1)(a)	Shall	Except as provided in paragraph (A)(1)(b) of this rule, annual utilization for the calendar year shall be calculated as follows:	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 74, Subpart E § 74.44	yes	yes	no
3745-103-45	(A)(1)(a)(i)	Shall	"Actual heat input" shall be the actual annual heat input (in MMBtu) of the opt-in source for the calendar year determined in accordance with appendix F of 40 CFR Part 75.	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 74, Subpart E § 74.44	yes	yes	no
3745-103-45	(A)(1)(a)(ii)	Shall	"Reduction from improved efficiency" shall be the sum of the following four elements:	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 74, Subpart E § 74.44	yes	yes	no

3745-103-45	(A)(1)(a)(iii)	Shall	Reduction from demand side measures that improve the efficiency of electricity consumption" shall be a good faith estimate of the expected kilowatt hour savings during the calendar year for such measures and the corresponding reduction in heat input (in MMBtu) resulting from those measures.	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 74, Subpart E § 74.44	yes	yes	no
3745-103-45	(A)(1)(a)(iii)	Shall	The demand side measures shall be implemented at the opt-in source, in the residence or facility to which the opt-in source delivers electricity for consumption or in the residence or facility of a customer to whom the opt-in source's utility system sells electricity.	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 74, Subpart E § 74.44	yes	yes	no
3745-103-45	(A)(1)(a)(iii)	Shall	The verified amount of such reduction shall be submitted in accordance with paragraph (C)(2) of this rule.	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 74, Subpart E § 74.44	yes	yes	no
3745-103-45	(A)(1)(a)(iv)	Shall	Reduction from demand side measures that improve the efficiency of steam consumption" shall be a good faith estimate of the expected steam savings (in MMBtu) from such measures during the calendar year and the corresponding reduction in heat input (in MMBtu) at the opt-in source as a result of those measures.	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 74, Subpart E § 74.44	yes	yes	no
3745-103-45	(A)(1)(a)(iv)	Shall	The demand side measures shall be implemented at the opt-in source or in the facility to which the opt-in source delivers steam for consumption.	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 74, Subpart E § 74.44	yes	yes	no
3745-103-45	(A)(1)(a)(iv)	Shall	The verified amount of such reduction shall be submitted in accordance with paragraph (C)(2) of this rule.	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 74, Subpart E § 74.44	yes	yes	no
3745-103-45	(A)(1)(a)(v)	Shall	Reduction from improvements in heat rate" shall be a good faith estimate of the expected reduction in heat rate during the calendar year and the corresponding reduction in heat input (in MMBtu) at the opt-in source as a result of all improved unit efficiency measures at the opt-in source and may include supply-side measures listed in appendix A, section 2.1 of 40 CFR Part 73.	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 74, Subpart E § 74.44	yes	yes	no
3745-103-45	(A)(1)(a)(v)	Shall	The verified amount of such reduction shall be submitted in accordance with paragraph (C)(2) of this rule.	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 74, Subpart E § 74.44	yes	yes	no
3745-103-45	(A)(1)(a)(vi)	Shall	"Reduction from improvement in the efficiency of steam production at the opt-in source" shall be a good faith estimate of the expected improvement in the efficiency of steam production	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 74, Subpart E § 74.44	yes	yes	no
3745-103-45	(A)(1)(a)(vi)	Must	In order to claim improvements in the efficiency of steam production, the designated representative of the opt-in source must demonstrate to the satisfaction of the USEPA that the heat rate of the opt-in source has not increased.	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 74, Subpart E § 74.44	yes	yes	no
3745-103-45	(A)(1)(a)(vi)	Shall	The verified amount of such reduction shall be submitted in accordance with paragraph (C)(2) of this rule.	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 74, Subpart E § 74.44	yes	yes	no
3745-103-45	(A)(1)(a)(vii)(a)	Shall	The designated representatives of all such opt-in sources and phase I units shall submit with their annual compliance certification reports a certification signed by all such designated representatives.	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 74, Subpart E § 74.44	yes	yes	no
3745-103-45	(A)(1)(a)(vii)(a)	Shall	The certification shall apportion the total kilowatt hour savings or steam savings among such opt-in sources and phase I units.	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 74, Subpart E § 74.44	yes	yes	no
3745-103-45	(A)(1)(a)(vii)(b)	Shall	For an opt-in source whose opt-in permit becomes effective on a date other than January first, Annual utilization for the first year shall be calculated as follows:	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 74, Subpart E § 74.44	yes	yes	no
3745-103-45	(A)(1)(b)	Shall	Each designated representative shall include in their annual compliance certification report only their share of kilowatt hour savings or steam savings.	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 74, Subpart E § 74.44	yes	yes	no
3745-103-45	(A)(2)	Shall	Average utilization for the calendar year shall be defined as the average of the annual utilization calculated as follows:	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 74, Subpart E § 74.44	yes	yes	no
3745-103-45	(A)(2)(b)	Shall	or the first three calendar years after the effective date of the opt-in permit taking effect on a date other than January first, average utilization shall be calculated as follows:	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 74, Subpart E § 74.44	yes	yes	no
3745-103-45	(A)(2)(c)	Shall	Except as provided in paragraphs (A)(2)(a) and (A)(2)(b) of this rule, average utilization shall be the sum of annual utilization for the calendar year and the revised annual utilization,	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 74, Subpart E § 74.44	yes	yes	no
3745-103-45	(B)(2)	Shall	If the USEPA determines that an opt-in source has reduced utilization for a calendar year during which the opt-in source's opt-in permit is in effect, the USEPA shall deduct allowances	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 74, Subpart E § 74.44	yes	yes	no
3745-103-45	(B)(2)(b)	Shall	The allowances deducted shall have the same or an earlier compliance use date as those allocated under rules 3745-103-33 to 3745-103-39 of the Administrative Code for the calendar year for which the opt-in source has reduced utilization.	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 74, Subpart E § 74.44	yes	yes	no
3745-103-45	(C)(1)	Shall	The designated representative for each opt-in source shall submit an opt-in utilization report for the calendar year	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 74, Subpart E § 74.44	yes	yes	no
3745-103-45	(C)(1)	Shall	that shall include all of the following elements in a format prescribed by the USEPA:	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 74, Subpart E § 74.44	yes	yes	no
3745-103-45	(C)(1)(f)	Shall	The number of allowances that shall be deducted, if any, using the formula in paragraph (B)(2)(a) of this rule and the supporting calculations.	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 74, Subpart E § 74.44	yes	yes	no
3745-103-45	(C)(2)(a)	Shall	If the annual compliance certification report for an opt-in source includes estimates of any reduction in heat input resulting from improved efficiency .., the designated representative shall submit, ... a confirmation report..	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 74, Subpart E § 74.44	yes	yes	no
3745-103-45	(C)(2)(a)	Shall	The confirmation report shall include the following elements in a format prescribed by the USEPA:	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 74, Subpart E § 74.44	yes	yes	no
3745-103-45	(C)(2)(b)(i)	Shall	or all figures under paragraph (C)(2)(a)(i) of this rule, the opt-in source shall provide as part of the confirmation report, documentation (which may follow the USEPA conservation verification protocol) verifying the figures	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 74, Subpart E § 74.44	yes	yes	no

3745-103-45	(C)(2)(b)(ii)(a)	Shall	The designated representatives of all such opt-in sources and phase I units shall submit with their confirmation reports a certification signed by all such designated representatives.	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 74, Subpart E § 74.44	yes	yes	no
3745-103-45	(C)(2)(b)(ii)(a)	Shall	The certification shall apportion the total kilowatt hour savings or steam savings as defined under paragraph (C)(2)(a)(i) of this rule for the calendar year among such opt-in sources.	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 74, Subpart E § 74.44	yes	yes	no
3745-103-45	(C)(2)(b)(ii)(b)	Shall	Each designated representative shall include in the opt-in source's confirmation report only its share of the verified reduction in heat input	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 74, Subpart E § 74.44	yes	yes	no
3745-103-45	(C)(2)(c)(i)	Shall	If an opt-in source shall submit a confirmation report as specified under paragraph (C)(2) of this rule, the USEPA,	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 74, Subpart E § 74.44	yes	yes	no
3745-103-45	(C)(2)(c)(i)	Shall	upon such submittal, shall adjust its determination of reduced utilization for the calendar year for the opt-in source.	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 74, Subpart E § 74.44	yes	yes	no
3745-103-45	(C)(2)(c)(i)	Shall	Such adjustment shall include the recalculation of both annual utilization and average utilization,	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 74, Subpart E § 74.44	yes	yes	no
3745-103-45	(C)(2)(c)(ii)	Shall	If the total..... heat input equals the total estimated in the opt-in source's annual compliance certification report for the calendar year, then the designated representative shall include ... a statement indicating that it is true.	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 74, Subpart E § 74.44	yes	yes	no
3745-103-45	(C)(2)(c)(iii)	Shall	If the total....of the amounts of verified reduction in the opt-in source's heat input is greater ...then the designated representative shall include in the confirmation report the number of allowances to be credited to the compliance account of the source that includes the opt-in source calculated using the following formula:	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 74, Subpart E § 74.44	yes	yes	no
3745-103-45	(C)(2)(c)(iv)	Shall	If the total of the amounts of verified reduction in the opt-in source's heat input included in the confirmation report is less than the total estimated ... then the designated representative shall include ...the number of allowances to be deducted from the compliance account ..., which equals the absolute value of the result of the formula for allowances credited under paragraph (C)(2)(c)(iii) of this rule.	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 74, Subpart E § 74.44	yes	yes	no
3745-103-45	(C)(2)(c)(v)	Shall	Unless paragraph (C)(2)(c)(ii) of this rule applies, the designated representative shall include in the confirmation report the adjusted amount of allowances that would have been held in the opt-in source's compliance subaccount if the deductions made under 40 CFR 73.35(b) had been based on the verified, rather than the estimated, reduction in the opt-in source's heat input, calculated as follows:	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 74, Subpart E § 74.44	yes	yes	no
3745-103-45	(C)(2)(c)(v)	Shall	"Allowances held after deduction" shall be the amount of allowances held in the opt-in source's compliance subaccount after deduction of allowances was made under 40 CFR 73.35(b)	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 74, Subpart E § 74.44	yes	yes	no
3745-103-45	(C)(2)(c)(v)	Shall	Excess emissions" shall be the amount, if any, of excess emissions determined under 40 CFR 73.35(d) for the calendar year based on the annual compliance certification report.	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 74, Subpart E § 74.44	yes	yes	no
3745-103-45	(C)(2)(c)(v)	Shall	"Allowances credited" shall be the amount of allowances calculated under paragraph (C)(2)(c)(iii) of this rule.	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 74, Subpart E § 74.44	yes	yes	no
3745-103-45	(C)(2)(c)(v)	Shall	Allowances deducted shall be the amount of allowances calculated under paragraph (C)(2)(c)(iv) of this rule.	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 74, Subpart E § 74.44	yes	yes	no
3745-103-45	(C)(2)(c)(v)(b)	Shall	If the amount of excess emissions of sulfur dioxide calculated under "adjusted amount of allowances" differs from the amount of excess emissions of sulfur dioxide determined under 40 CFR 73.35 based on the annual compliance certification report, then the designated representative shall include in the confirmation report a demonstration of:	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 74, Subpart E § 74.44	yes	yes	no
3745-103-45	(C)(2)(c)(v)(b)(i)	Shall	The number of allowances that shall be deducted to offset any increase in excess emissions or returned to the account for any decrease in excess emissions.	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 74, Subpart E § 74.44	yes	yes	no
3745-103-45	(C)(2)(c)(v)(b)(ii)	Shall	The amount of the excess emissions penalty, excluding interest, that shall be paid or returned to the account for the change in excess emissions.	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 74, Subpart E § 74.44	yes	yes	no
3745-103-45	(C)(2)(c)(v)(c)	Shall	The USEPA shall deduct immediately from the compliance account of the source that includes the opt-in source the amount of allowances that USEPA or Ohio EPA determines necessary to offset any increase in excess emissions or	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 74, Subpart E § 74.44	yes	yes	no
3745-103-45	(C)(2)(c)(v)(c)	Shall	shall return immediately to the opt-in source's compliance subaccount the amount of allowances determined necessary to account for any decrease in excess emissions.	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 74, Subpart E § 74.44	yes	yes	no
3745-103-45	(C)(2)(c)(v)(d)	Shall	In the absence of such identification, the deduction shall be on a first-in, first-out basis under 40 CFR 73.35(c)(2) and	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 74, Subpart E § 74.44	yes	yes	no
3745-103-45	(C)(2)(c)(v)(d)	Shall	the identification of allowances returned shall be at the USEPA's discretion.	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 74, Subpart E § 74.44	yes	yes	no
3745-103-45	(C)(2)(c)(v)(e)	Shall	If the designated representative of an opt-in source fails to submit on a timely basis a confirmation report, ..., then the USEPA shall reject such estimate and correct it to equal zero in the opt-in source's annual compliance certification report that includes that estimate.	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 74, Subpart E § 74.44	yes	yes	no
3745-103-45	(C)(2)(c)(v)(e)	Shall	The USEPA shall deduct immediately, on a first-in, first-out basis under 40 CFR 73.35(c)(2), the amount of allowances that it determines is necessary to offset any increase in excess emissions of sulfur dioxide that results from the correction and shall require the owners and operators of the opt-in source to pay an excess emission penalty in accordance with 40 CFR Part 77.	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 74, Subpart E § 74.44	yes	yes	no
3745-103-45	(C)(2)(c)(v)(e)	Shall	shall require the owners and operators of the opt-in source to pay an excess emission penalty in accordance with 40 CFR Part 77.	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 74, Subpart E § 74.44	yes	yes	no

3745-103-45	(C)(2)(c)(v)(e)	require	require the owners and operators of the opt-in source to pay an excess emission penalty in accordance with 40 CFR Part 77.	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 74, Subpart E § 74.44	yes	yes	no
3745-103-45	(C)(2)(c)(v)(f)	Shall	If the opt-in source is governed by an approved thermal energy plan.....and if the opt-in source must submit a confirm	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 74, Subpart E § 74.44	yes	yes	no
3745-103-45	(C)(2)(c)(v)(f)	Must	and if the opt-in source must submit a confirmation report as specified under paragraph (C)(2) of this rule,	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 74, Subpart E § 74.44	yes	yes	no
3745-103-45	(C)(2)(c)(v)(f)	Shall	Where, "allowances allocated or acquired" shall be the number of allowances held in the compliance account of the source that includes....	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 74, Subpart E § 74.44	yes	yes	no
3745-103-45	(C)(2)(c)(v)(f)	Shall	"Tons emitted" shall be the total tons of sulfur dioxide emitted by the opt-in source during the calendar year,	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 74, Subpart E § 74.44	yes	yes	no
3745-103-45	(C)(2)(c)(v)(f)	Shall	Allowances transferred to all replacement units" shall be the sum of allowances transferred to all replacement units under an approved thermal energy plan	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 74, Subpart E § 74.44	yes	yes	no
3745-103-45	(C)(2)(c)(v)(f)	Shall	Allowances deducted for reduced utilization" shall be the total number of allowances deducted for reduced utilization	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 74, Subpart E § 74.44	yes	yes	no
3745-103-45	(C)(2)(c)(v)(f)	Required	as calculated in accordance with this rule including any adjustments required under paragraph (C)(2)(c)(v) of this rule.	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 74, Subpart E § 74.44	yes	yes	no
3745-103-47	(A)(1)	Shall	When an opt-in source has permanently shutdown during the calendar year, the designated representative shall notify the USEPA and Ohio EP	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 74, Subpart E § 74.46	yes	yes	no
3745-103-47	(A)(2)	Shall	When an opt-in source has undergone a modification that qualifies as a reconstruction as defined in 40 CFR 60.15, the designated representative shall notify the USEPA	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 74, Subpart E § 74.46	yes	yes	no
3745-103-47	(A)(3)	Shall	When an opt-in source becomes an affected unit , the designated representative shall notify the USEPA and Ohio EPA	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 74, Subpart E § 74.46	yes	yes	no
3745-103-47	(B)(1)(a)	Shall	The USEPA shall deduct allowances equal in number to and with the same or earlier compliance use date as those allocated to the opt-in source... for the calendar year in which the shut down occurs and for all future years following the year in which the shut down occurs.	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 74, Subpart E § 74.46	yes	yes	no
3745-103-47	(B)(1)(b)	Shall	The USEPA shall deduct allowances equal in number to and with the same or earlier compliance use date as those all	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 74, Subpart E § 74.46	yes	yes	no
3745-103-47	(B)(1)(c)	Shall	The USEPA shall deduct allowances equal in number to and with the same or earlier compliance use date as those allocated to the opt-in source..the calendar year in which the opt-in source becomes affected under rul	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 74, Subpart E § 74.46	yes	yes	no
3745-103-47	(B)(1)(d)	Shall	The USEPA shall deduct allowances equal in number to and with the same or earlier compliance use date as those allocated to the opt-in source under rule ...for the calendar year in which the opt-in source's opt-in permit expires and all future years	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 74, Subpart E § 74.46	yes	yes	no
3745-103-48	(A)(1)	Shall	The designated representative of an opt-in source that seeks to qualify for the transfer of allowances based on the replacement of thermal energy by a replacement unit shall submit a thermal energy plan	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 74, Subpart E § 74.47	yes	yes	no
3745-103-48	(A)(1)	Shall	The effective period of the thermal energy plan shall begin at the beginning of the calendar quarter	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 74, Subpart E § 74.47	yes	yes	no
3745-103-48	(A)(2)	Shall	This rule shall apply to any designated representative of an opt-in source	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 74, Subpart E § 74.47	yes	yes	no
3745-103-48	(A)(3)	Shall	Each thermal energy plan shall contain all of the following elements in a format prescribed by the USEPA:	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 74, Subpart E § 74.47	yes	yes	no
3745-103-48	(A)(3)(a)	Shall	The calendar year and quarter that the thermal energy plan takes effect, which shall be the first year and quarter the replacement unit(s) will replace thermal energy of the opt-in source.	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 74, Subpart E § 74.47	yes	yes	no
3745-103-48	(A)(3)(g)	Shall	The allowable SO ₂ emissions rate, expressed in pounds of SO ₂ per MMBtu, of each replacement unit for the calendar year for which the plan shall take effect.	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 74, Subpart E § 74.47	yes	yes	no
3745-103-48	(A)(3)(g)	Shall	When a thermal energy plan is renewed in accordance with paragraph (A)(9) of this rule, the allowable SO ₂ emission rate at each replacement unit shall be the most stringent federally enforceable allowable SO ₂ emissions rate	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 74, Subpart E § 74.47	yes	yes	no
3745-103-48	(A)(3)(g)	Shall	applicable at the time of renewal for the calendar year for which the renewal shall take effect.	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 74, Subpart E § 74.47	yes	yes	no
3745-103-48	(A)(3)(g)	Shall	This rate shall not be annualized.	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 74, Subpart E § 74.47	yes	yes	no
3745-103-48	(A)(3)(m)	Shall	The number of allowances calculated under paragraph (B) of this rule that the opt-in source shall transfer to each replacement unit represented in the thermal energy plan.	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 74, Subpart E § 74.47	yes	yes	no
3745-103-48	(A)(3)(o)	Shall	The designated representative of each replacement unit shall maintain and make available, at the USEPA or the director's request, copies of documents demonstrating that the replacement unit is replacing the thermal energy at the opt-in source.	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 74, Subpart E § 74.47	yes	yes	maybe
3745-103-48	(A)(4)	Shall	The designated representative of the opt-in source seeking to qualify for the transfer of allowances based on the replacement of thermal energy shall submit a thermal energy plan to the director	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 74, Subpart E § 74.47	yes	yes	no
3745-103-48	(A)(4)	Shall	The thermal energy plan shall be signed and certified by the designated representative of the opt-in source	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 74, Subpart E § 74.47	yes	yes	no

3745-103-48	(A)(5)(a)	Shall	If the opt-in source shall be permanently retired as of the effective date of the thermal energy plan,	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 74, Subpart E § 74.47	yes	yes	no
3745-103-48	(A)(5)(a)	Shall	the opt-in source shall not be required to monitor its emissions upon retirement, consistent with 40 CFR 75.67, provided that the following requirements are met:	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 74, Subpart E § 74.47	yes	yes	no
3745-103-48	(A)(5)(a)	Required	the opt-in source shall not be required to monitor	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 74, Subpart E § 74.47	yes	yes	no
3745-103-48	(A)(5)(a)(i)	Shall	The designated representative of the opt-in source shall include in the plan a request for an exemption from the requirements of 40 CFR Part 75 in accordance with 40 CFR 75.67 and	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 74, Subpart E § 74.47	yes	yes	no
3745-103-48	(A)(5)(a)(i)	Shall	shall submit the following statement:	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 74, Subpart E § 74.47	yes	yes	no
3745-103-48	(A)(5)(a)(ii)	Shall	he opt-in source shall not emit any sulfur dioxide or nitrogen oxides after the date specified in the plan.	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 74, Subpart E § 74.47	yes	yes	no
3745-103-48	(A)(5)(b)	Shall	Notwithstanding the monitoring exemption discussed in paragraph (A) (5)(a) of this rule, the designated representative for the opt-in source shall submit the annual compliance certification report	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 74, Subpart E § 74.47	yes	yes	no
3745-103-48	(A)(7)(a)	Shall	An approved thermal energy plan, including any revised or renewed plan that is approved, shall be incorporated into both the opt-in permit for the opt-in source and the acid rain permit for each replacement unit governed by the plan.	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 74, Subpart E § 74.47	yes	yes	yes
3745-103-48	(A)(7)(a)	Shall	Upon approval, the thermal energy plan shall be incorporated into the acid rain permit for each replacement unit pursuant to the requirements for administrative permit amendments	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 74, Subpart E § 74.47	yes	yes	yes
3745-103-48	(A)(7)(b)	Shall	In order to revise an opt-in permit to add an approved thermal energy plan or to change an approved thermal energy plan, the designated representative of the opt-in source shall submit a plan or a revised plan	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 74, Subpart E § 74.47	yes	yes	no
3745-103-48	(A)(8)(a)	Shall	A thermal energy plan shall be in effect until the earlier of the expiration of the opt-in permit for the opt-in source or the year for which a termination of the plan takes effect	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 74, Subpart E § 74.47	yes	yes	no
3745-103-48	(A)(8)(b)	Shall	A notification to terminate a thermal energy plan in accordance with paragraph (C) of rule.. shall be submitted no lat	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 74, Subpart E § 74.47	yes	yes	no
3745-103-48	(A)(8)(b)	Shall	the termination shall take effect.	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 74, Subpart E § 74.47	yes	yes	no
3745-103-48	(B)(1)	Shall	The amount of thermal energy credited towards the transfer of allowances based on the replacement of thermal energy shall equal the qualifying thermal energy and	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 74, Subpart E § 74.47	yes	yes	no
3745-103-48	(B)(1)	Shall	shall be calculated for each replacement unit as follows:	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 74, Subpart E § 74.47	yes	yes	no
3745-103-48	(B)(2)	Shall	The fuel associated with the qualifying thermal energy at each replacement unit shall be calculated as follows:	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 74, Subpart E § 74.47	yes	yes	no
3745-103-48	(B)(2)	Shall	"Qualifying thermal energy" for the replacement shall be as defined in paragraph (B)(1) of this rule; "efficiency constant" for the replacement unit equals 0.85, where the replacement unit is a boiler, and equals 0.80, where the replacement unit is a cogenerator.	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 74, Subpart E § 74.47	yes	yes	no
3745-103-48	(B)(3)	Shall	The number of allowances transferable from the opt-in source to each replacement unit for the replacement of thermal energy shall be calculated as follows:	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 74, Subpart E § 74.47	yes	yes	no
3745-103-48	(B)(3)	Shall	Where, "allowable SO ₂ emission rate" for the replacement unit is as defined in paragraph (A)(3)(g) of this rule; "fuel associated with qualifying thermal energy" shall be as defined in paragraph (B)(2) of this rule;	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 74, Subpart E § 74.47	yes	yes	no
3745-103-48	(C)	Shall	The allowances transferred from the opt-in source to each replacement unit shall not be transferred from the compliance account of the source that includes the replacement unit to any other allowance tracking system account.	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 74, Subpart E § 74.47	yes	yes	no
3745-103-48	(D)(1)(a)	Shall	As required for all opt-in sources, the designated representative of the opt-in source covered by a thermal energy plan shall submit an opt-in utilization report for the calendar year as part of its annual compliance certification report	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 74, Subpart E § 74.47	yes	yes	no
3745-103-48	(D)(1)(a)	Required	As required for all opt-in sources,	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 74, Subpart E § 74.47	yes	yes	no
3745-103-48	(D)(1)(b)	Shall	The designated representative of an opt-in source shall submit a thermal energy compliance report for the calendar year as part of the annual compliance certification report,	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 74, Subpart E § 74.47	yes	yes	no
3745-103-48	(D)(1)(b)	Must	which must include all of the following elements in a format prescribed by the USEPA:	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 74, Subpart E § 74.47	yes	yes	no
3745-103-48	(D)(2)(a)	Shall	The USEPA shall adjust the number of allowances in the compliance account for each source that includes the opt-in source or a replacement unit to reflect any changes between the estimated values submitted in the thermal energy plan pursuant to paragraph (A) of this rule and the actual values	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 74, Subpart E § 74.47	yes	yes	no
3745-103-48	(D)(2)(b)	Shall	If the opt-in source includes in the opt-in utilization report under rule 3745-103-45 of the Administrative Code estima	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 74, Subpart E § 74.47	yes	yes	no
3745-103-48	(D)(3)	Shall	The owners and operators of an opt-in source or a replacement unit governed by an approved thermal energy plan shall be liable for any violation of the plan or this rule	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 74, Subpart E § 74.47	yes	yes	no

3745-103-50	(A)	Shall	The following formula shall be used to determine the total number of allowances to be deducted for the calendar year	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 74, Subpart E § 74.49	yes	yes	no
3745-103-50	(A)(1)	Shall	Except as provided in paragraph (A)(2) of this rule, "tons emitted" shall be the total tons of sulfur dioxide emitted by the opt-in source during the calendar year,	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 74, Subpart E § 74.49	yes	yes	no
3745-103-50	(A)(2)	Shall	If the effective date of the opt-in source's permit took effect on a date other than January first, "tons emitted" for the first calendar year shall be the total tons of sulfur dioxide emitted by the opt-in source during the calendar quarter	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 74, Subpart E § 74.49	yes	yes	no
3745-103-50	(B)	Shall	"Allowances deducted for reduced utilization" shall be the total number of allowances deducted for reduced utilization as calculated i	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 74, Subpart E § 74.49	yes	yes	no
3745-103-51	(A)((2)	May not	An opt-in allowance may not be deducted under paragraph (A)(1) of this rule from any allowance tracking system account other than the account of the source that includes the opt-in source allocated such allowance if either of the following applies:	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 74, Subpart E § 74.50	yes	yes	no
3745-103-51	(B)	Shall	The USEPA shall deduct allowances beginning with those allowances with the latest recorded date of transfer out of the compliance account of the source that includes the opt-in source.	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 74, Subpart E § 74.50	yes	yes	no
3745-103-51	(C)	Shall	When allowances are deducted, the USEPA shall send a written notification to the authorized account representative of each allowance tracking system account from which allowances were deducted. The notification shall state all of the following:	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 74, Subpart E § 74.50	yes	yes	no
3745-103-51	(C)	Shall	The notification shall state all of the following:	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 74, Subpart E § 74.50	yes	yes	no
3745-103-51	(D)	Required	The USEPA may deduct allowances in accordance with paragraph (A) of this rule in an amount required to offset any excess emissions	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 74, Subpart E § 74.50	yes	yes	no
3745-103-51	(D)	Required	in an amount required to be deducted	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 74, Subpart E § 74.50	yes	yes	no
3745-103-52	(A)	Shall	The owner or operator of each combustion source shall meet all of the requirements specified in 40 CFR Part 75 for the owners and operators of an affected unit to install, certify, operate, and maintain a continuous emission monitoring system	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 74, Subpart F § 74.60	yes	yes	no
3745-103-52	(B)	Shall	The owner or operator of each opt-in source shall install, certify, operate, and maintain a continuous emission monitoring system, an excepted monitoring system, or an approved alternative monitoring system in accordance with 40 CFR Part 75.	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 74, Subpart F § 74.60	yes	yes	no
3745-103-53	NA	Shall	The designated representative of a combustion source shall meet all of the requirements specified under 40 CFR Part 75 for a designated representative of an affected unit to submit to the USEPA a monitoring plan that includes the information required in a monitoring plan under 40 CFR 75.53.	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 74, Subpart F § 74.61	yes	yes	no
3745-103-53	NA	Required	that includes the information required in a monitoring plan under 40 CFR 75.53.	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 74, Subpart F § 74.61	yes	yes	no
3745-103-53	NA	Shall	This monitoring plan shall be submitted as part of the combustion sources opt-in permit application	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 74, Subpart F § 74.61	yes	yes	no
3745-103-55	(B)	Required	Administrative Code apply to each affected coal-fired utility unit subject to Section 404(d) or 409(b) of the Clean Air Act on the date the unit is required to meet the acid rain emissions reduction requirement for SO ₂ .	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 76, § 76.1	yes	yes	no
3745-103-55	(C)(1)	Shall	A coal-fired substitution unit that is designated in a substitution plan that is approved by USEPA and active as of January 1, 1995 shall be treated as a phase I coal-fired utility unit for purposes of this rule.	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 76, § 76.1	yes	yes	no
3745-103-55	(C)(1)	Shall	In the event the designation of such unit as a substitution unit is terminated after December 31, 1995, pursuant to 40 CFR 72.41 and the unit is no longer required to meet phase I SO ₂ emissions limitations, the provisions of this part shall continue to apply.	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 76, § 76.1	yes	yes	no
3745-103-55	(C)(1)	Required	and the unit is no longer required to meet phase I SO ₂ emissions limitations	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 76, § 76.1	yes	yes	no
3745-103-55	(C)(2)	Shall	coal-fired substitution unit that is designated in a substitution plan that is not approved by USEPA or not active as of January 1, 1995, or a coal-fired compensating unit, shall be treated as a phase II coal-fired utility unit for purposes of this rule.	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 76, Subpart A § 76.1	yes	yes	no
3745-103-55	(D)	Shall	Notwithstanding the preceding sentence, a coal-fired transfer unit shall be subject to the acid rain emissions limitations for nitrogen oxides beginning on January 1, 1996 if, for that year,	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 76, § 76.1	yes	yes	no
3745-103-56	(A)	Shall	All of the following provisions of this chapter shall apply to rules 3745-103-55 and 3745-103-57 to 3745-103-66 of the Administrative Code:	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 76, § 76.3	yes	yes	no
3745-103-57	(A)	Required	the date on which the unit is required to meet acid rain emission reduction requirements for SO ₂ ,	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 76,\$ 76.5	yes	yes	no
3745-103-57	(A)	Shall	the owner or operator of a phase I coal-fired utility unit with a tangentially fired boiler or a dry bottom wall-fired boiler (other than units applying cell burner technology) shall not discharge, or allow to be discharged, emissions of NO _x to the atmosphere in excess of the following limits	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 76,\$ 76.5	yes	yes	no
3745-103-57	(B)	Shall	The owner or operator shall determine the annual average NO _x emission rate, in pound per MMBtu, using the methods and procedures specified in 40 CFR Part 75.	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 76,\$ 76.5	yes	yes	no

3745-103-57	(C)	Shall	the owner or operator of a coal-fired substitution unit with a tangentially fired boiler or a dry bottom wall-fired boiler	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 76,\$ 76.5	yes	yes	no
3745-103-57	(D)	Shall	The owner or operator of a phase I unit with a cell burner boiler that converts to a conventional wall-fired boiler on or before January 1, 1995 or, for a unit subject to Section 404(d) of the Clean Air Act, the date the unit is required to meet acid rain emissions reduction requirements for SO ₂ shall comply, by such respective date or January 1, 1996, whichever is later,	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 76,\$ 76.5	yes	yes	no
3745-103-57	(D)	Required	the date the unit is required to meet acid rain emissions reduction requirements for SO ₂ shall comply	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 76,\$ 76.5	yes	yes	no
3745-103-57	(E)	Shall	The owner or operator of a phase I unit with a group one boiler that converts to a fluidized bed or other type of utility boiler not included in group one boilers on or before January 1, 1995 or, a unit subject to Section 404(d) of the Clean Air Act, the date the unit is required to meet acid rain emissions reduction requirements for SO ₂ is exempt from the NO _x emissions limitations specified in paragraph (A) of this rule, but shall comply with the NO _x emission limitations for group two boilers	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 76,\$ 76.5	yes	yes	no
3745-103-57	(E)	Required	the date the unit is required to meet acid rain emissions reduction requirements for SO ₂ shall comply,	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 76,\$ 76.5	yes	yes	no
3745-103-58	(A)	Shall	the date on which the unit is required to meet acid rain emission reduction requirements for SO ₂ , the owner or operator of a group two coal-fired boiler with a cell burner boiler, cyclone boiler, a wet bottom boiler, or a vertically fired boiler shall not discharge, or allow to be discharged, emissions of NO _x to the atmosphere in excess of the following limits,	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 76,\$ 76.5	yes	yes	no
3745-103-58	(A)(1)	Required	the date on which the unit is required to meet acid rain emission reduction requirements for SO ₂ ,	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 76, 6.6	yes	yes	no
3745-103-58	(A)(1)	Shall	the owner or operator of a unit with a cell burner boiler that installs non-plug-in combustion controls shall comply with the emission limitation applicable to cell burner boilers.	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 76, 6.6	yes	yes	no
3745-103-58	(B)	Shall	The owner or operator shall determine the annual average NO _x emission rate, in pound per MMBtu, using the methods and procedures specified in 40 CFR Part 75.	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 76, \$ 76.6	yes	yes	no
3745-103-59	(A)	Shall	Beginning January 1, 2000, the owner or operator of a group one, phase II coal-fired utility unit with a tangentially fired boiler or a dry bottom wall-fired boiler shall not discharge, or allow to be discharged, emissions of NO _x to the atmosphere in excess of the following limits,	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 76, \$ 76.7	yes	yes	no
3745-103-59	(B)	Shall	The owner or operator shall determine the annual average NO _x emission rate, in pound per MMBtu, using the methods and procedures specified in 40 CFR Part 75.	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 76, \$ 76.7	yes	yes	no
3745-103-60	(A)(2)	Shall	The owner or operator of a phase II coal-fired utility unit with a group one boiler that elects to become subject to the applicable emission limitation under rule 3745-103-57 of the Administrative Code shall not be subject to rule 3745-103-59 of the Administrative Code until January 2008, provided the designated representative demonstrates that the unit is in compliance with the limitation under rule 3745-103-57	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 76, \$ 76.8	yes	yes	no
3745-103-60	(A)(4)	Shall	The owner or operator of a phase II unit approved for early election shall not submit an application for an alternative	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 76, \$ 76.8	yes	yes	no
3745-103-60	(A)(5)	May not	The owner or operator of a phase II unit approved for early election may not incorporate the unit into an averaging plan prior to January 1, 2000.	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 76, \$ 76.8	yes	yes	no
3745-103-60	(B)	Shall	In order to obtain early election status, the designated representative of a phase II unit with a group one boiler shall have submitted an early election plan to USEPA by January 1, 1997, and	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 76, \$ 76.8	yes	yes	no
3745-103-60	(B)	Shall	USEPA shall have approved such plan.	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 76, \$ 76.8	yes	yes	no
3745-103-60	(C)	Shall	eginning January 1, 2000, the director shall approve any early election plan previously approved by USEPA during phase I, unless the plan is terminated pursuant to paragraph (D)(3) of this rule.	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 76, \$ 76.8	yes	yes	yes
3745-103-60	(D)(1)	Shall	A unit that is governed by an approved early election plan shall be subject to an emissions limitation for NO _x as provided under paragraph (A) (2) of this rule	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 76, \$ 76.8	yes	yes	no
3745-103-60	(D)(2)	Shall	The owners and operators of a unit governed by an approved early election plan shall be liable for any violation of the plan or this rule at that unit. The owners and operators shall be liable, beginning January 1, 2000, for fulfilling the obligations specified in 40 CFR Part 77.	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 76, \$ 76.8	yes	yes	no
3745-103-60	(D)(2)	Shall	The owners and operators shall be liable, beginning January 1, 2000, for fulfilling the obligations specified in 40 CFR Part 77.	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 76, \$ 76.8	yes	yes	no
3745-103-60	(D)(3)	Shall	An approved early election plan shall be in effect only until the earlier of January 1, 2008 or January first of the calendar year for which a termination of the plan takes effect.	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 76, \$ 76.8	yes	yes	no
3745-103-60	(D)(3)(a)	Shall	If the designated representative of the unit under an approved early election plan fails to demonstrate compliance w	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 76, \$ 76.8	yes	yes	yes
3745-103-60	(D)(3)(a)	May not	The designated representative may not submit a new early election plan.	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 76, \$ 76.8	yes	yes	no
3745-103-60	(D)(3)(b)	May not	The designated representative of the unit under an approved early election plan may terminate the plan any year prior to 2008 but may not submit a new early election plan.	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 76, \$ 76.8	yes	yes	no

3745-103-60	(D)(3)(b)	Must	In order to terminate the plan, the designated representative must submit a notice by January first of the year for	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 76, § 76.8	yes	yes	no
3745-103-60	(D)(3)(b)(i)	Shall	If an early election plan is terminated any year prior to 2000, the unit shall meet, beginning January 1, 2000, the applicable emissions limitation for NO _x for phase II units with group one boilers	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 76, § 76.8	yes	yes	no
3745-103-60	(D)(3)(b)(ii)	Shall	If an early election plan is terminated in or after 2000, the unit shall meet, beginning on the effective date of the termination, the applicable emissions limitation for NO _x for phase II units with group one boilers	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 76, § 76.8	yes	yes	no
3745-103-61	(A)(1)	Shall	The designated representative of any source with an affected unit subject to this rule shall submit, by the applicable deadline under paragraph (B) of this rule, a complete acid rain permit application	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 76, § 76.9	yes	yes	no
3745-103-61	(A)(2)	Shall	The original and three copies of the permit application and compliance plan for NO _x emissions for phase II shall be submitted to the director,	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 76, § 76.9	yes	yes	no
3745-103-61	(B)	Shall	For a phase I or phase II unit with a group one or group two boiler, the designated representative shall have submitted a complete permit application and compliance plan for NO _x emissions covering the unit in phase II to the director and USEPA not later than January 1, 1998,	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 76, § 76.9	yes	yes	no
3745-103-61	(B)	Shall	except that early election units also submit an application to USEPA not later than January 1, 1997.	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 76, § 76.9	yes	yes	no
3745-103-61	(C)	Shall	A complete compliance plan for NO _x shall , for each affected unit included in the permit application and subject to this rule, either certify that the unit will comply with the applicable emissions limitation	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 76, § 76.9	yes	yes	no
3745-103-61	(C)	Shall	A complete compliance plan for NO _x for a source shall include all of the following elements in a format prescribed by the director:	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 76, § 76.9	yes	yes	no
3745-103-61	(C)(4)	Required	and any additional information required for the appropriate option in accordance with this rule;	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 76, § 76.9	yes	yes	no
3745-103-61	(D)	Shall	The designated representative of any source with an affected unit subject to this rule shall submit a complete acid rain permit application,	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 76, § 76.9	yes	yes	no
3745-103-62	(A)(2)	Shall	In order for the unit to qualify for an alternative emission limitation, the designated representative shall demonstrate that the affected unit cannot meet the applicable emission limitation...to the satisfaction of the director and the USEPA that of the following applies:	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 76, § 76.10	yes	yes	no
3745-103-62	(B)	Shall	The petitioning process for an alternative emission limitation shall consist of all of the following steps:	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 76, § 76.10	yes	yes	yes
3745-103-62	(C)(1)	Shall	The designated representative of the unit shall submit a petition for an alternative emission limitation demonstration period to the director after the unit has been operated for at least three months after installation of the NO _x emission control system	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 76, § 76.10	yes	yes	no
3745-103-62	(C)(1)	Required	required under paragraph (A)(2) of this rule	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 76, § 76.10	yes	yes	no
3745-103-62	(C)(3)	Must	In order to request continuation of an alternative emission limitation, the designated representative must submit a petition to renew the alternative emission limitation	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 76, § 76.10	yes	yes	no
3745-103-62	(D)	Required	The designated representative of an affected unit that has met the minimum criteria under paragraph (A) of this rule and that has been operated for a period of at least three months following the installation of the required NO _x emission control system may submit to the director a petition for an alternative emission limitation demonstration period.	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 76, § 76.10	yes	yes	no
3745-103-62	(D)	Shall	In the petition, the designated representative shall provide all of the following information in a format prescribed by the director and the USEPA:	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 76, § 76.10	yes	yes	no
3745-103-62	(D)(3)	Required	If an alternative technology is installed, the time period (not less than six consecutive months) prior to installation of the technology to be used for the demonstration required	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 76, § 76.10	yes	yes	no
3745-103-62	(D)6)	Must	The dates of the operating period (which must be at least three months long).	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 76, § 76.10	yes	yes	no
3745-103-62	(D)(11)	Shall	The interim alternative emission limitation shall be derived from the data specified in paragraph (D)(10) of this rule using methods and procedures satisfactory to USEPA.	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 76, § 76.10	yes	yes	no
3745-103-62	(D)(12)	Must	The proposed dates of the demonstration period (which must be at least fifteen months long).	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 76, § 76.10	yes	yes	no
3745-103-62	(D)(13)	Shall	The report shall include the reasons for the NO _x emission control system's failure to meet the applicable emission limitation, and the tests and procedures that will be followed to optimize the NO _x emission control system's performance.	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 76, § 76.10	yes	yes	no
3745-103-62	(E)	Shall	The petition shall include all of the following elements in a format prescribed by the director and the USEPA:	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 76, § 76.10	yes	yes	no

3745-103-62	(E)(3)	Shall	[Certification that the owner(s) or operator have installed in the affected unit all NO _x emission control systems, made any operational modifications, and completed any planned upgrades and/or maintenance]Such certification shall explain any differences between the installed NO _x emission control system and the equipment configuration described in the approved demonstration period plan.	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 76, § 76.10	yes	yes	no
3745-103-62	(E)(8)	Shall	[The minimum NO _x emission rate]This value, which shall be the requested alternative emission limitation,	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 76, § 76.10	yes	yes	no
3745-103-62	(E)(8)	Shall	shall be derived from the data specified in this rule using methods and procedures satisfactory to USEPA and	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 76, § 76.10	yes	yes	no
3745-103-62	(E)(8)	Shall	shall be the lowest annual emission rate the unit can achieve with the installed NO _x emission control system.	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 76, § 76.10	yes	yes	no
3745-103-62	(E)(11)	Shall	the owner or operator of an affected unit with a group one boiler that has installed an alternative technology in addit	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 76, § 76.10	yes	yes	yes
3745-103-62	(E)(11)	Shall	The percentage reduction in NO _x emissions shall be determined using continuous emissions monitoring data for NO _x taken during the time period (under paragraph (D)(3) of this rule) prior to the installation of the NO _x emission control system and during long-term load dispatch operation of the specific boiler.	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 76, § 76.10	yes	yes	no
3745-103-62	(F)(1)(a)	Shall	The director shall disapprove a demonstration period if the requirements of paragraph (A) of this rule were not met during the operating period.	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 76, § 76.10	yes	yes	yes
3745-103-62	(F)(1)(b)	Shall	The demonstration period as approved by the director shall include, as part of the demonstration period, the four month period prior to submission of the alternative emission limitation application in the demonstration period.	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 76, § 76.10	yes	yes	yes
3745-103-62	(F)(1)(c)	Shall	The alternative emission limitation demonstration period shall authorize the affected unit to emit at a rate not greater than the interim alternative emission limitation during the demonstration period	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 76, § 76.10	yes	yes	no
3745-103-62	(F)(1)(e)	Shall	The director shall deny the demonstration period if the designated representative cannot demonstrate that the unit met the requirements of paragraph (A)(2) of this rule.	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 76, § 76.10	yes	yes	yes
3745-103-62	(F)(1)(e)	Shall	In such cases, the director shall require that the owner or operator operate the unit in compliance with the applicable emission limitation	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 76, § 76.10	yes	yes	yes
3745-103-62	(F)(1)(e)	require	In such cases, the director shall require that the owner or operator operate the unit in compliance with the applicable emission limitation	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 76, § 76.10	yes	yes	yes
3745-103-62	(F)(2)(a)	Shall	If the director and the USEPA determine that the requirements in this rule are met, the director and the USEPA shall approve an alternative emission limitation and	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 76, § 76.10	yes	yes	yes
3745-103-62	(F)(2)(a)	Shall	the director shall issue or revise an acid rain permit to apply the approved limitation,	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 76, § 76.10	yes	yes	yes
3745-103-62	(F)(2)(a)	Shall	The permit shall authorize the unit to emit at a rate not greater than the approved alternative emission limitation,	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 76, § 76.10	yes	yes	no
3745-103-62	(F)(2)(b)	Shall	If Ohio EPA or the USEPA disapproves an alternative emission limitation under paragraph (A)(2) of this rule, the owner or operator shall operate the affected unit in compliance with the applicable emission limitation in rule	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 76, § 76.10	yes	yes	no
3745-103-62	(F)(3)(a)	Shall	If, upon review of a petition to renew an approved alternative emission limitation, the director determines that no changes have been made....., the alternative emission limitation shall be renewed.	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 76, § 76.10	yes	yes	no
3745-103-62	(F)(3)(b)	Shall	If the director determines that changes have been made to...the designated representative shall submit, ..., a petition for an alternative emission limitation demonstration period t.....,	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 76, § 76.10	yes	yes	yes
3745-103-62	(F)(3)(b)	Shall	and the director shall approve or deny the petition in accordance with paragraph (F) of this rule.	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 76, § 76.10	yes	yes	yes
3745-103-62	(G)(1)(a)(i)	Shall	Each unit with an approved alternative emission limitation demonstration period shall comply with the interim emission limitation specified in the unit's permit	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 76, § 76.10	yes	yes	no
3745-103-62	(G)(1)(a)(i)	Shall	then the unit shall comply with the standard emission limit under rule[s]	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 76, § 76.10	yes	yes	no
3745-103-62	(G)(1)(a)(i)	Required	on the date the petition was required to be submitted under paragraph (C)(2) of this rule.	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 76, § 76.10	yes	yes	no
3745-103-62	(G)(1)(a)(iii)	Shall	If the approved interim alternative emission limitation applies to a unit for part, but not all, of a calendar year, the unit shall determine compliance for the calendar year in accordance with	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 76, § 76.10	yes	yes	no
3745-103-62	(G)(1)(b)(i)	Shall	A unit with an approved alternative emission limitation demonstration period shall be operated under load dispatch conditions consistent with the operating conditions upon which the design of the NO _x emission control system	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 76, § 76.10	yes	yes	no
3745-103-62	(G)(1)(b)(ii)	Shall	A unit with an approved alternative emission limitation demonstration period shall install all NO _x emission control systems,	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 76, § 76.10	yes	yes	no

3745-103-62	(G)(1)(b)(ii)	Shall	When the owner or operator identifies boiler or NO _x emission control system operating modifications that would produce higher NO _x emission reductions,...the designated representative shall submit an administrative amendmen	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 76, § 76.10	yes	yes	no
3745-103-62	(G)(1)(c)	Shall	A unit with an approved alternative emission limitation demonstration period shall monitor in accordance with 40 CFR Part 75 and	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 76, § 76.10	yes	yes	no
3745-103-62	(G)(1)(c)	Shall	shall conduct all tests required under the approved demonstration period plan.	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 76, § 76.10	yes	yes	no
3745-103-62	(G)(1)(c)	required	conduct all tests required under the approved demonstration period plan.	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 76, § 76.10	yes	yes	no
3745-103-62	(G)(2)(a)(i)	Shall	Each unit with an approved alternative emission limitation shall comply with the alternative emission limitation specified in the unit's permi	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 76, § 76.10	yes	yes	no
3745-103-62	(G)(2)(a)(i)	Shall	If the approved interim or final alternative emission limitation applies to a unit for part, but not all, of a calendar year, the unit shall determine compliance for the calendar year in accordance with the procedures in 40 CFR 76.13(a).	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 76, § 76.10	yes	yes	no
3745-103-63	(A)(1)	Shall	Each affected unit included in an averaging plan for phase II shall be a boiler subject to an emission limitation	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 76, § 76.11	yes	yes	no
3745-103-63	(A)(2)	Shall	Each unit included in an averaging plan shall have an alternative contemporaneous annual emission limitation (pound per MMBtu) and can only be included in one averaging plan.	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 76, § 76.11	yes	yes	no
3745-103-63	(A)(3)	Shall	Each unit included in an averaging plan shall have a minimum allowable annual heat input value	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 76, § 76.11	yes	yes	no
3745-103-63	(A)(4)	Shall	The Btu-weighted annual average emission rate for the units in an averaging plan shall be less than or equal to the Btu-weighted annual average emission rate for the same units had they each been operated, during the same period of time, in compliance with the applicable emission limitations	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 76, § 76.11	yes	yes	no
3745-103-63	(A)(5)	Shall	In order to demonstrate that the proposed plan is consistent with paragraph (A)(4) of this rule, the alternative contemporaneous annual emission limitations and annual heat input values assigned to the units in the proposed averaging plan shall meet the following requirement:	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 76, § 76.11	yes	yes	no
3745-103-63	(A)(5)	Shall	R _{li} shall equal the most stringent applicable emission limitation	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 76, § 76.11	yes	yes	no
3745-103-63	(A)(6)	Shall	For units with an alternative emission limitation, R _{li} shall equal the applicable emissions limitation..., not the alternative emissions limitation.	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 76, § 76.11	yes	yes	no
3745-103-63	(B)(1)(A)(2)	Shall	The designated representative shall submit a copy of the same averaging plan (or the same revision to an approved averaging plan) to any other permitting authority with jurisdiction over a unit in the plan, and to USEPA.	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 76, § 76.11	yes	yes	no
3745-103-63	(B)(1)(A)(3)	Shall	When an averaging plan (or a revision to an approved averaging plan) is not approved, the owner or operator of each unit in the plan shall operate the unit in compliance with the emission limitation that would apply in the absence of the averaging plan (or revision to a plan).	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 76, § 76.11	yes	yes	no
3745-103-63	(C)	Shall	A complete NO _x averaging plan shall include all of the following elements in a format prescribed by the director and the USEPA:	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 76, § 76.11	yes	yes	no
3745-103-63	(C)(3)	Shall	If any of the units identified in the NO _x averaging plan utilize a common stack pursuant to 40 CFR 75.17(a)(2)(i)(b), the same alternative contemporaneous emission limitation shall be assigned to each such unit but different heat input limits may be assigned.	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 76, § 76.11	yes	yes	no
3745-103-63	(D)(1)(b)	Shall	If one or more of the units does not meet the requirements under paragraph (D)(1)(a)(i) of this rule, the designated representative shall demonstrate, in accordance with paragraph (D)(1)(b)(i) of this rule (equation 2) that the actual Btu-weighted annual average emission rate for the units in the plan is less than or equal to the Btu-weighted annual average rate for the same units had they each been operated, during the same period of time,	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 76, § 76.11	yes	yes	no
3745-103-63	(D)(1)(b)(i)	Shall	A group showing of compliance shall be made based on the following equation:	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 76, § 76.11	yes	yes	no
3745-103-63	(D)(1)(b)(i)	Shall	R _{ii} shall equal the most stringent applicable emission limitation under rule 3745-103-04 or 3745-103-06 of the Administrative Code;	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 76, § 76.11	yes	yes	no
3745-103-63	(D)(1)(b)(ii)	Shall	For units with an alternative emission limitation, R _{ii} shall equal the applicable emission limitation under rule 3745-103-57, 3745-103-58, or 3745-103-59 of the Administrative Code, not the alternative emission limitation.	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 76, § 76.11	yes	yes	no
3745-103-63	(D)(1)(c)	Shall	If there is a successful group showing of compliance under paragraph (D)(1) (b)(i) of this rule for a calendar year, then all units in the averaging plan shall be deemed to be in compliance for that year	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 76, § 76.11	yes	yes	no
3745-103-63	(D)(2)(c)	Shall	The owners and operators of a unit governed by an approved averaging plan shall be liable for any violation of the plan or this rule at that unit or any other unit in the plan	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 76, § 76.11	yes	yes	no
3745-103-65	(A)	Shall	A petition for an alternative emission limitation demonstration period ... shall include all of the following information:	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 76, § 76.14	yes	yes	no
3745-103-65	(A)(1)(a)	Shall	This documentation shall include a copy of all bid specifications.	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 76, § 76.14	yes	yes	no

3745-103-65	(A)(2)(d)	Shall	list of any modifications or replacements of equipment that shall be done prior to the completion of the demonstration period for the purpose of reducing emissions of NO _x .	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 76, § 76.14	yes	yes	no
3745-103-65	(A)(2)(e)	Shall	The parametric testing that shall be conducted to determine the reason or reasons if the unit fails to achieve the app	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 76, § 76.14	yes	yes	no
3745-103-65	(A)(2)(e)	Shall	The tests shall include tests in rule...., which may be modified as follows:	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 76, § 76.14	yes	yes	no
3745-103-65	(A)(2)(e)(iii)	Shall	In the event the performance guarantee or the NO _x emission control system specifications require additional tests not listed in rule 3745-103-66 of the Administrative Code, or specify operating conditions not verified by tests listed in rule 3745-103-66 of the Administrative Code, the owner or operator of the unit shall include such additional tests.	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 76, § 76.14	yes	yes	no
3745-103-65	(A)(2)(e)(iii)	require	In the event the performance guarantee or the NO _x emission control system specifications require additional tests not listed	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 76, § 76.14	yes	yes	no
3745-103-65	(B)	Shall	A petition for an alternative emission limitation shall include all of the following information in accordance with para	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 76, § 76.14	yes	yes	no
3745-103-66	(A)	Required	The owner or operator may use the following tests as a basis for the report required by paragraph (E)(7)	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 76, § 76.14	yes	yes	no
3745-103-66	(C)	Shall	In performing the tests specified in paragraph (A) of this rule, the owner or operator shall begin the tests using the equipment settings for which the NO _x emission control system was designed	3704.03(E)	mandated Federal law, approved state rule	40 CFR, Part 76, § 76.15	yes	yes	no

OAC Rule #	Paragraph	Restriction	Description/Quotation	Statutory Authority	State or Fed Law?	If Fed, crosswalk?	Federally delegated program?	Removal would require state or federal law change?	Requirement on the agency or director?
3745-104-01	(A)(1)	Shall	Except as otherwise provided in this rule, the definitions in rule 3745-15-01 of the Administrative Code shall apply to this chapter.	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-01	(B)(17)	requires	"Injury" means any effect on a human that requires medical treatment or hospitalization and that results from either:	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-01	(B)(30)	shall	Any group of vessels that are interconnected, or separate vessels that are located in such a manner that a regulated substance potentially could be involved in a release, shall be considered a single process.	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-01	(B)(37)	required	"Risk management plan " or "RMP" means a risk management plan required in rule 3745-104-38 of the Administrative Code.	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-01	(B)(38)	shall	Properties shall not be considered contiguous solely because of a railroad or pipeline right-of-way.	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-02	(B)(1)	shall	The owner or operator shall document this partial pressure measurement or estimate.	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-02	(B)(2)(a)	shall	...the entire weight of the mixture shall be treated as the regulated substance unless the owner or operator can demonstrate that the mixture itself does not have a national fire protection association flammability hazard rating of four.	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-02	(B)(2)(a)	shall	The demonstration shall be in accordance with the definition of flammability hazard rating four in the NFPA 704	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-02	(B)(2)(a)	shall	The owner or operator shall document the national fire protection association flammability hazard rating.	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-05	(A)	Shall	An owner or operator of a stationary source that has more than a threshold quantity of a regulated substance in a process, as determined by rule 3745-104-02 of the Administrative Code, shall comply with the requirements of this rule no later than the latest of the following dates:	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-05	(C)	Shall	A program two process shall comply with rules 3745-104-17 to 3745-104-23 of the Administrative Code to meet the prevention program requirements.	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-05	(D)	shall	Processes classified as program three as defined by paragraphs (D)(1) and (D)(2) of this rule shall comply with rules 3745-104-24 to 3745-104-35 of the Administrative Code to meet the prevention program requirements.	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-05	(E)	Shall	If at any time a covered process no longer meets the eligibility criteria of its program level, the owner or operator shall comply with the requirements of the new program	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-06	(A)	Shall	The owner or operator of a stationary source subject to this rule shall submit a single RMP	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-06	(A)	Shall	The RMP shall include a registration, as defined in rule 3745-104-42 of the Administrative Code, that reflects all covered processes	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-06	(B)	shall	the owner or operator of a stationary source with a process eligible for program one, as provided in paragraph (B) of rule 3745-104-05 of the Administrative Code, shall :	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-06	(C)	Shall	the owner or operator of a stationary source with a process subject to program two, as provided in paragraph (C) of rule 3745-104-05 of the Administrative Code, shall :	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-06	(D)	shall	the owner or operator of a stationary source with a process subject to program three, as provided in paragraph (D) of rule 3745-104-05 of the Administrative Code shall :	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-07	(A)	Shall	The owner or operator of a stationary source with processes subject to program two or program three shall develop a management system to oversee the implementation of the risk management program elements.	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-07	(B)	Shall	The owner or operator shall assign a qualified person or position that has the overall responsibility for the development, implementation, and integration of the risk management program elements.	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-07	(C)	Shall	the names or positions of these people shall be documented and the lines of authority defined through an organization chart or similar document.	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-08		Shall	... shall prepare a worst-case release scenario analysis as provided in rule 3745-104-10 of the Administrative Code...	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-08		must	The owner or operator of a program two and three process must comply with all requirements of Chapter 3745-104 of the Administrative Code that are applicable to the process program level.	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-09	(A)	Shall	For analyses of offsite consequences, the following endpoints shall be used:	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-09	(B)	Shall	...the owner or operator shall use a wind speed of 1.5 meters per second and F atmospheric stability class.	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-09	(C)	Shall	...the owner or operator shall use the highest daily maximum temperature in the previous three years...	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-09	(D)	Shall	The worst-case release of a regulated toxic substance shall be analyzed assuming a ground level (zero feet) release.	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-09	(E)	Shall	The owner or operator shall use either urban or rural topography as applicable as defined in 40 CFR Part 51...	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-09	(F)	shall	The owner or operator shall ensure that tables or models used for dispersion analysis of regulated toxic substances account for gas density.	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-09	(G)	Shall	For worst case, liquids other than gases liquified by refrigeration only shall be considered to be released...	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-10	(A)	Shall	The owner or operator shall analyze and report in the RMP:	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-10	(A)(2)(c)	Shall	Additional worst-case release scenarios shall be reported if a worst-case release from another covered process(es) at the stationary source	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-10	(B)	Shall	The worst-case release quantity shall be the greater of the following:	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-10	(C)(1)	shall	the owner or operator shall assume that the quantity in the vessel or pipe, as determined under paragraph (B) of this rule, is released as a gas over ten minutes.	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-10	(C)(1)	Shall	The release rate shall be assumed to be the total quantity divided by ten unless passive mitigation systems are in place at the covered process.	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-10	(C)(2)(a)	Shall	the owner or operator shall assume that the substance is released as a gas in ten minutes;	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-10	(C)(2)(b)	Shall	The release rate shall be calculated at the boiling point of the substance	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-10	(D)(1)	Shall	the owner or operator shall assume that the quantity in the vessel or pipe, as determined under paragraph (B) of this rule, is spilled instantaneously to form a liquid pool.	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-10	(D)(1)(a)	Shall	The surface area of the pool shall be determined by assuming that the liquid spreads to one centimeter...	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-10	(D)(1)(a)	Shall	...the surface area of the contained liquid shall be used to calculate the volatilization rate	3753.02	Federal	40 CFR part 68	Yes	Yes	No

3745-104-10	(D)(2)	shall	The volatilization rate shall account for the highest daily maximum temperature occurring in the past three years	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-10	(D)(3)	shall	The rate of release to air shall be determined from the volatilization rate of the liquid pool.	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-10	(E)	Shall	The owner or operator shall assume that the quantity of the substance, as determined under paragraph (B) of this rule...	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-10	(E)	Shall	A yield factor of ten per cent of the available energy released in the explosion shall be used...	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-10	(E)(1)	Shall	...the owner or operator shall assume that the quantity in the vessel or pipe,...	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-10	(E)(2)(a)	Shall	...the owner or operator shall assume that the total quantity of the substance is released as a gas in ten minutes,...	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-10	(E)(2)(b)	shall	The volatilization rate (release rate) shall be calculated at the boiling point of the substance and at the conditions specified in paragraph (D) of this rule.	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-10	(E)(2)(b)	Shall	The owner or operator shall assume that the quantity which becomes vapor in the first ten minutes is involved in the vapor cloud explosion.	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-10	(F)	Shall	The owner or operator shall assume that the quantity of the substance, as determined under paragraph (B)...	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-10	(F)	Shall	A yield factor of ten per cent of the available energy released in the explosion shall be used...	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-10	(F)(1)	Shall	the owner or operator shall assume that the entire quantity in the vessel or pipe, as determined under paragraph (B) of this rule	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-10	(F)(1)	Shall	the volatilization rate shall be calculated at the conditions specified in paragraph (D) of this rule.	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-10	(F)(2)	shall	The owner or operator shall assume that the quantity which becomes vapor in the first ten minutes is involved in the vapor cloud explosion.	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-10	(G)	Shall	The owner or operator shall use the parameters defined in rule 3745-104-09 of the Administrative Code to determine distance to the endpoints.	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-10	(I)	shall	The owner or operator shall select as the worst case for flammable regulated substances...	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-10	(I)	shall	These scenarios shall be based on the following	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-11	(A)	Shall	...subject to program two or program three shall identify and analyze at least one alternative release scenario for each regulated toxic substance...	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-11	(A)	Shall	...held in a covered process and shall identify and analyze at least one alternative release scenario to represent all flammable substances held in covered processes.	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-11	(B)(1)	Shall	For each scenario required under paragraph (A) of this rule, the owner or operator shall select a scenario:	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-11	(C)	Shall	The owner or operator shall use the appropriate parameters defined in rule 3745-104-09 of the Administrative Code	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-11	(E)	Shall	The owner or operator shall consider the following in selecting alternative release scenarios:	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-12	(A)	Shall	The owner or operator shall estimate in the RMP the population within a circle with its center at the point of the release and...	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-12	(B)	shall	Population shall include residential population. The presence of institutions (schools, hospitals, prisons), parks	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-12	(C)	shall	The owner or operator shall use the most recent census data, or other updated information, to estimate the population potentially affected.	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-12	(D)	Shall	Population shall be estimated to two significant digits.	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-13	(A)	shall	The owner or operator shall list in the RMP environmental receptors within a circle...	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-13	(B)	shall	The owner or operator shall rely on information provided on local US geological survey maps or...	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-14	(A)	shall	The owner or operator shall review and update the offsite consequence analyses at least once every five years.	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-14	(B)	shall	....the owner or operator shall complete a revised analysis within six months of the change and submit to USEPA a revised risk management plan as provided in rule 3745-104-49 of the Administrative Code.	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-15		shall	The owner or operator shall maintain the following records on the offsite consequence analyses:	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-15	(A)	shall	assumptions shall include use of any administrative controls and any passive mitigation that were assumed to limit the quantity that could be released.	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-15	(A)	shall	Documentation shall include the anticipated effect of the controls and mitigation on the release quantity and rate.	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-15	(B)	shall	assumptions shall include use of any administrative controls and any mitigation that were assumed to limit the quantity that could be released.	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-15	(B)	shall	Documentation shall include the effect of the controls and mitigation on the release quantity and rate.	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-16	(A)	shall	The owner or operator shall include in the five-year accident history all accidental releases	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-16	(B)	shall	For each accidental release included in the five year accident history, the owner or operator shall report the following information:	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-11	(B)(1)	required	For each scenario required under paragraph (A) of this rule, the owner or operator shall select a scenario:	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-16	(B)	required	Data required .	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-17	(A)	shall	The owner or operator shall compile and maintain the following up-to-date safety information related to the regulated substances, processes, and equipment:	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-17	(B)	shall	The owner or operator shall ensure that the process is designed in compliance with recognized and generally accepted good engineering practices.	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-17	(C)	shall	The owner or operator shall update the safety information if a major change occurs that makes the information inaccurate.	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-18	(A)	shall	The owner or operator shall conduct a review of the hazards associated with the regulated substances, process, and procedures.	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-18	(A)	shall	The review shall identify the following:	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-18	(B)	shall	For processes designed to meet industry standards or federal or state design rules, the hazard review shall , by inspecting all equipment, determine whether the process is designed, fabricated, and operated in accordance with the applicable standards or rules.	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-18	(C)	shall	The owner or operator shall document the results of the review and ensure that problems identified are resolved in a timely manner.(	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-18	(D)	shall	The review shall be updated at least once every five years.	3753.02	Federal	40 CFR part 68	Yes	Yes	No

3745-104-18	(D)	shall	The owner or operator shall also conduct reviews whenever a major change in the process occurs; all issues identified in the review shall be resolved before startup of the changed process.	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-18	(D)	shall	The owner or operator shall also conduct reviews whenever a major change in the process occurs; all issues identified in the review shall be resolved before startup of the changed process.	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-19	(A)	shall	The owner or operator shall prepare written operating procedures that provide clear instructions or steps for safely conducting activities associated with each covered process consistent with the safety information for that process.	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-19	(B)	shall	The procedures shall address the following:	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-19	(C)	shall	The owner or operator shall ensure that the operating procedures are updated, if necessary, whenever a major change occurs and prior to startup of the changed process.	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-19	(B)(7)	required	Consequences of deviations and steps required to correct or avoid deviations;	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-19	(B)(6)	requires	Startup following a normal or emergency shutdown or a major change that requires a hazard review;	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-20	(A)	shall	The owner or operator shall ensure that each employee presently operating a process, and each employee newly assigned to a covered process have been trained or tested competent in the operating procedures provided in rule 3745-104-19	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-20	(B)	shall	Refresher training shall be provided at least every three years, and more often if necessary,	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-20	(D)	shall	The owner or operator shall ensure that operators are trained in any updated or new procedures prior to startup of a process after a major change.	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-20	(A)	required	the owner or operator may certify in writing that the employee has the required knowledge, skills, and abilities to safely carry out the duties and responsibilities as provided in the operating procedures.	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-21	(A)	shall	The owner or operator shall prepare and implement procedures to maintain the ongoing mechanical integrity of the process equipment.	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-21	(B)	shall	The owner or operator shall train or cause to be trained each employee involved in maintaining the on-going mechanical integrity of the process.	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-21	(B)	shall	each such employee shall be trained in the hazards of the process, in how to avoid or correct unsafe conditions, and in the procedures applicable to the employee's job tasks.	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-21	(C)	shall	Any maintenance contractor shall ensure that each contract maintenance employee is trained to perform the maintenance procedures developed under paragraph (A) of this rule.	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-21	(D)	shall	The owner or operator shall perform or cause to be performed inspections and tests on process equipment.	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-21	(D)	shall	The frequency of inspections and tests of process equipment shall be consistent with applicable manufacturers' recommendations, industry standards or codes, good engineering practices, and prior operating experience.	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-21	(D)	shall	Inspection and testing procedures shall follow recognized and generally accepted good engineering practices.	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-22	(A)	shall	The owner or operator shall certify that they have evaluated compliance with the provisions of rules 3745-104-17 to 3745-104-23 of the Administrative Code at least every three years to verify...	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-22	(B)	shall	The compliance audit shall be conducted by at least one person knowledgeable in the process.	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-22	(C)	shall	The owner or operator shall develop a report of the audit findings.	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-22	(D)	shall	The owner or operator shall promptly determine and document an appropriate response to each of the findings...	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-22	(E)	shall	The owner or operator shall retain the two most recent compliance audit reports.	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-23	(A)	shall	The owner or operator shall investigate each incident which resulted in, or could reasonably have resulted in a catastrophic release.	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-23	(B)	shall	An incident investigation shall be initiated as promptly as possible, but not later than forty-eight hours following the incident.	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-23	(C)	shall	A summary shall be prepared at the conclusion of the investigation which includes at a minimum:	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-23	(D)	shall	The owner or operator shall promptly address and resolve the investigation findings and recommendations. Resolutions and corrective actions shall be documented.	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-23	(D)	shall	The owner or operator shall promptly address and resolve the investigation findings and recommendations. Resolutions and corrective actions shall be documented.	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-23	(E)	shall	The findings shall be reviewed with all affected personnel whose job tasks are affected by the findings.	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-23	(F)	shall	Investigation summaries shall be retained for five years.	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-24	(A)	shall	In accordance with the schedule set forth in rule 3745-104-25 of the Administrative Code, the owner or operator shall complete a compilation of written process safety information...	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-24	(A)	shall	This process safety information shall include information pertaining to the hazards of the regulated substances used	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-24	(B)	shall	Information pertaining to the hazards of the regulated substances in the process. This information shall consist of at least the following:	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-24	(C)(1)	shall	Information concerning the technology of the process shall include at least the following:	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-24	(D)(1)	shall	Information pertaining to the equipment in the process shall include:	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-24	(D)(2)	Shall	The owner or operator shall document that equipment complies with recognized and generally accepted good engineering practices.	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-24	(D)(3)	shall	the owner or operator shall determine and document that the equipment is designed, maintained, inspected, tested, and operating in a safe manner.	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-24	(A)	required	...the owner or operator shall complete a compilation of written process safety information before conducting any process hazard analysis required by rule 3745-104-25 of the Administrative Code.	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-24	(B)(7)	required	Note: Material safety data sheets meeting the requirements of 29 CFR 1910.1200(g) may be used to comply with this requirement to the extent they contain the information required by paragraph (B) of this rule.	3753.02	Federal	40 CFR part 68	Yes	Yes	No

3745-104-25	(A)	shall	The owner or operator shall perform an initial process hazard analysis (hazard evaluation) on processes covered by this chapter.	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-25	(A)	shall	The process hazard analysis shall be appropriate to the complexity of the process and shall identify, evaluate, and control the hazards involved in the process.	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-25	(A)	Shall	The process hazard analysis shall be appropriate to the complexity of the process and shall identify, evaluate, and control the hazards involved in the process.	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-25	(A)	shall	The owner or operator shall determine and document the priority order for conducting process hazard analyses...	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-25	(A)	shall	The process hazard analysis shall be conducted as soon as possible, but not later than June 21, 1999.	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-25	(A)	shall	These process hazard analyses shall be updated and revalidated, based on their completion date.	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-25	(B)	shall	The owner or operator shall use one or more of the following methodologies that are appropriate to determine and evaluate the hazards of the process being analyzed.	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-25	(C)	shall	The process hazard analysis shall address:	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-25	(D)	shall	The process hazard analysis shall be performed by a team with expertise in engineering and process operations, and the team shall include at least one employee who has experience and knowledge specific to the process being evaluated.	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-25	(D)	shall	The process hazard analysis shall be performed by a team with expertise in engineering and process operations, and the team shall include at least one employee who has experience and knowledge specific to the process being evaluated.	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-25	(E)	shall	The owner or operator shall establish a system to promptly address the team's findings and recommendations;	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-25	(F)	shall	...the process hazard analysis shall be updated and revalidated by a team meeting the requirements in paragraph (D) of this rule,...	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-25	(G)	shall	The owner or operator shall retain process hazards analyses and updates or revalidations for each process covered by this section	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-25	(D)	must	Also, one member of the team must be knowledgeable in the specific process hazard analysis methodology being used.	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-26	(A)	shall	The owner or operator shall develop and implement written operating procedures that provide clear instructions for safely conducting activities...	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-26	(A)	shall	...involved in each covered process consistent with the process safety information referenced in rule 3745-104-24 of the Administrative Code and shall address at least the following elements.	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-26	(B)	shall	Operating procedures shall be readily accessible to employees who work in or maintain a process.	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-26	(C)	shall	The operating procedures shall reflect current operating practice, including changes that result from changes in process chemicals, technology, and equipment, and changes to stationary sources.	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-26	(C)	shall	The owner or operator shall certify annually that these operating procedures are current and accurate.	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-26	(D)	shall	The owner or operator shall develop and implement safe work practices	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-26	(A)(1)(d)	required	Emergency shutdown including the conditions under which emergency shutdown is required	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-26	(A)(2)(b)	required	Steps required to correct or avoid deviation.	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-27	(A)(1)	shall	Each employee presently involved in operating a process, and each employee before being involved in operating a newly assigned process, shall be trained in an overview of the process	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-27	(A)(1)	shall	The training shall include but not be limited to emphasis on the specific safety and health hazards, emergency operations including shutdown, and safe work practices applicable to the employee's job tasks.	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-27	(B)	shall	Refresher training shall be provided at least every three years...	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-27	(C)	shall	The owner or operator shall ascertain that each employee involved in operating a process has received and understood the training required by this rule.	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-27	(C)	shall	The owner or operator shall prepare a record which contains the identity of the employee, the...	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-27	(A)(2)	required	In lieu of initial training for those employees already involved in operating a process on June 21, 1999 an owner or operator may certify in writing that the employee has the required knowledge, skills, and abilities to	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-27	(C)	required	The owner or operator shall ascertain that each employee involved in operating a process has received and understood the training required by this rule.	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-28	(B)	shall	The owner or operator shall establish and implement written procedures to maintain the on-going integrity of process equipment.	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-28	(C)	shall	The owner or operator shall train each employee involved in maintaining the on-going integrity of process equipment...	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-28	(D)(1)	shall	Inspections and tests shall be performed on process equipment.	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-28	(D)(2)	shall	Inspection and testing procedures shall follow recognized and generally accepted good engineering practices.	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-28	(D)(3)	shall	The frequency of inspections and tests of process equipment shall be consistent with applicable manufacturers' recommendations...	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-28	(D)(4)	Shall	The owner or operator shall document each inspection and test that has been performed on process equipment.	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-28	(D)(4)	shall	The documentation shall identify the date of the inspection or test, the name of the person who performed the inspection...	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-28	(E)	Shall	The owner or operator shall correct deficiencies in equipment that are outside acceptable limits	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-28	(F)(1)	shall	the owner or operator shall assure that equipment as it is fabricated is suitable for the process application for which it will be used.	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-28	(F)(2)	shall	Appropriate checks and inspections shall be performed to assure that equipment is installed properly and consistent with design specifications...	3753.02	Federal	40 CFR part 68	Yes	Yes	No

3745-104-28	(F)(3)	shall	The owner or operator shall assure that maintenance materials,...	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-29	(A)	shall	The owner or operator shall establish and implement written procedures to manage changes, except...	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-29	(B)	shall	The procedures shall include all of the following:	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-29	(C)	shall	Employees, maintenance and contract employees whose job tasks will be affected by a change in the process shall be informed of...	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-29	(D)	shall	...such information shall be updated accordingly.	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-29	(E)	shall	...procedures or practices shall be updated accordingly.	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-29	(D)	required	If a change covered by this paragraph results in a change in the process safety information required	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-29	(E)	required	If a change covered by this paragraph results in a change in the operating procedures or practices required ...	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-30	(A)	shall	The owner or operator shall perform a pre-startup safety review for new stationary sources and...	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-30	(B)	shall	The pre-startup safety review shall confirm that prior to the introduction of regulated substances to a process:...	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-30	(A)	require	...when the modification of the covered process is significant enough to require a change in the process safety information.	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-31	(A)	shall	The owner or operator shall certify that he or she has evaluated compliance with the provisions of rules 3745-104-24 to 3745-104-35...	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-31	(B)	shall	The compliance audit shall be conducted by at least one person knowledgeable in the process.	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-31	(C)	shall	A report of the findings of the audit shall be developed.	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-31	(D)	shall	The owner or operator shall promptly determine and document an appropriate....	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-31	(E)	shall	The owner or operator shall retain the two most recent compliance audit reports.	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-32	(A)	shall	The owner or operator shall investigate each incident that resulted in...	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-32	(B)	shall	An incident investigation shall be initiated as promptly as possible...	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-32	(C)	shall	An incident investigation team shall be established and consist of at least one person...	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-32	(D)	shall	A report shall be prepared at the conclusion of the investigation. The report shall include at a minimum:	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-32	(D)	shall	A report shall be prepared at the conclusion of the investigation. The report shall include at a minimum:	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-32	(E)	shall	The owner or operator shall establish a system to promptly address and resolve the incident report findings and recommendations.	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-32	(E)	shall	Resolutions and corrective actions shall be documented.	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-32	(F)	shall	The report shall be reviewed with all affected personnel whose job tasks are relevant to the incident findings	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-32	(G)	shall	Incident investigation reports shall be retained for five years.	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-33	(A)	shall	The owner or operator shall develop a written plan of action...	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-33	(B)	shall	The owner or operator shall consult with employees and their representatives	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-33	(C)	shall	The owner or operator shall provide to employees and their representatives access	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-33	(A)	required	The owner or operator shall develop a written plan of action regarding the implementation of the employee participation required by this rule.	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-33	(C)	required	The owner or operator shall provide to employees and their representatives access to process hazard analyses and to all other information required to be developed under this rule.	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-34	(A)	shall	The owner or operator shall issue a hot work permit to...	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-34	(B)	shall	The permit shall document that the fire prevention and protection requirements...	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-34	(B)	shall	...it shall indicate the date(s) authorized for hot work...	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-34	(B)	shall	The permit shall be kept on file at the facility until completion of the hot work operations.	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-35	(B)(1)	shall	The owner or operator, prior to selecting a contractor, shall obtain and evaluate...	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-35	(B)(2)	shall	The owner or operator shall inform the contractor of the known potential fire,...	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-35	(B)(3)	shall	The owner or operator shall explain to the contractor the applicable provisions...	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-35	(B)(4)	shall	The owner or operator shall develop and implement safe work practices	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-35	(B)(5)	shall	The owner or operator shall periodically evaluate the performance of the contractor....	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-35	(C)(1)	shall	The contractor shall assure that each contract employee is trained...	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-35	(C)(2)	shall	The contractor shall assure that each contract employee is instructed in the known potential fire...	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-35	(C)(3)	shall	The contractor shall document that each contract employee has received and understood the training required by this section....	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-35	(C)(3)	shall	The contractor shall prepare a record that contains the identity of the contract employee...	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-35	(C)(4)	shall	The contractor shall assure that each contract employee follows the safety rules...	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-35	(C)(5)	shall	The contractor shall advise the owner or operator of any unique hazards presented by the contractor's work...	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-35	(C)(3)	required	The contractor shall document that each contract employee has received and understood the training required by this section.	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-35	(C)(4)	required	The contractor shall assure that each contract employee follows the safety rules of the stationary source including the safe work practices required by paragraph...	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-36	(A)	shall	Except as provided in paragraph (B) of this rule, the owner or operator of a stationary source with program two and program three processes shall comply	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-37	(A)	shall	The owner or operator shall develop and implement an emergency response program for the purpose of protecting public health and the environment.	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-37	(A)	shall	Such program shall include the following elements:	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-37	(A)(1)	shall	An emergency response plan, which shall be maintained at the stationary source and contain at least the following elements:	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-37	(B)	shall	...includes the elements provided in paragraph (A) of this rule, shall satisfy the requirements of this section if the owner or operator also complies with paragraph (C) of this rule.	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-37	(C)	shall	The emergency response plan developed under paragraph (A)(1) of this rule shall be coordinated with the community emergency response plan developed...	3753.02	Federal	40 CFR part 68	Yes	Yes	No

3745-104-37	(C)	shall	...the owner or operator shall promptly provide to the local emergency response officials information necessary for developing and implementing the community emergency response plan.	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-38	(A)	shall	The owner or operator shall submit a single RMP that includes the information required...	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-38	(A)	shall	The RMP shall be submitted in a method and format to a central point as specified by USEPA as of the date of submission.	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-38	(B)	shall	The owner or operator shall submit the first RMP no later than the latest of the following:	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-38	(B)(3)	shall	A copy of the initial RMP shall also be submitted to Ohio EPA.	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-38	(C)	shall	The owner or operator for which an RMP was submitted before June 21, 2004, shall revise the RMP to include the information required by paragraphs	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-38	(C)	shall	Any such submission shall also include the information required by paragraph (B)(20) of rule 3745-104-42...	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-38	(D)	shall	Subsequent submissions of RMPs shall be in accordance with rule 3745-104-49 of the Administrative Code.	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-38	(D)	shall	A copy of subsequent submissions shall also be submitted to Ohio EPA, but only when the subsequent...	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-38	(A)	required	The owner or operator shall submit a single RMP that includes the information required by rules 3745-104-41 to 3745-104-48...	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-38	(C)	required	The owner or operator for which an RMP was submitted before June 21, 2004, shall revise the RMP to include the information required by paragraphs (B)(6) and (B)(14)...	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-38	(C)	required	Any such submission shall also include the information required by paragraph (B)(20) of rule 3745-104-42...	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-38	(C)	required	Any such submission shall also include the information required by paragraph (B)(20) of rule 3745-104-42 of the Administrative Code (indicating that the submission is a correction to include the information required by paragraphs (B)(6) and (B)(14)...	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-38	(E)	must	...the owner or operator must seek protection of the information as a trade secret exclusively in the manner set forth in rules 3745-104-39 and 3745-104-40 of the Administrative Code.	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-39	(A)	shall	Such information shall be designated trade secret only after the director,...	3753.02	Federal	40 CFR part 68	Yes	Yes	Yes
3745-104-39	(C)	shall	...an owner or operator asserting a claim for trade secret protection with respect to information contained in its RMP shall submit to Ohio EPA...	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-39	(C)(2)	shall	sanitized (redacted) copy of the RMP, with the notation "trade secret" substituted for the information claimed as trade secret, except that a generic category or class name shall be substituted...	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-39	(A)	required	Except as provided in paragraph (B) of this rule, an owner or operator of a stationary source required to report or...	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-39	(B)(1)	required	Registration required by paragraphs (B)(1) to (B)(6), (B)(8) and (B)(10) to (B)(13) of rule 3745-104-42 of the Administrative Code and NAICS code...	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-39	(B)(2)	required	Offsite consequence analysis data required by paragraphs (B)(4) and (B)(9)...	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-39	(B)(3)	required	Accident history data required by rule 3745-104-44 of the Administrative Code.	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-39	(B)(4)	required	Prevention program data required by paragraphs (A)(1), (A)(3), and (A)(5) to (A)(11) of rule 3745-104-45...	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-39	(B)(5)	required	Prevention program data required by paragraphs (A)(1), (A)(3), and (A)(5) to (A)(15)...	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-39	(B)(6)	required	Emergency response program data required by rule 3745-104-47 of the Administrative Code....	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-40	(C)	shall	The owner, operator, or senior official with management responsibility of the stationary source shall sign a certification	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-40	(A)	must	An owner or operator claiming that information is trade secret information must substantiate that claim by providing documentation that demonstrates...	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-40	(B)	must	If information that is submitted as part of the substantiation is claimed as trade secret, the owner or operator must provide a sanitized and unsanitized version of the substantiation.	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-41		shall	The owner or operator shall provide in the RMP an executive summary that includes a brief description of the following elements:	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-42	(A)	shall	The owner or operator shall complete a single registration form as required by USEPA and include it in the RMP.	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-42	(A)	shall	The form shall cover all regulated substances handled in covered processes.	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-42	(B)	shall	The registration form shall include the following data:	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-42	(A)	required	The owner or operator shall complete a single registration form as required by USEPA and include it in the RMP.	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-42	(B)(20)(a)	required	Updates and re-submissions required under paragraph (B) of rule 3745-104-49 of the Administrative Code;	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-42	(B)(20)(c)	required	De-registrations required under paragraph (C) of rule 3745-104-49 of the Administrative Code; and	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-43	(A)	shall	The owner or operator shall submit in the RMP the following information:	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-43	(A)(2)	shall	If additional worst-case scenarios for toxics or flammables are required by paragraph (A)(2)(c) of rule 3745-104-10 of the Administrative Code, the owner or operator shall submit the same information on the additional scenario(s).	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-43	(A)(2)	shall	The owner or operator of program two and three processes shall also submit information	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-43	(A)(2)	required	...If additional worst-case scenarios for toxics or flammables are required by paragraph (A)(2)(c) of rule 3745-104-10 of the Administrative Code, the owner or operator...	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-43	(B)	required	For each worst case release scenario and/or alternative release scenario required by paragraph (A)...	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-44		shall	The owner or operator shall submit in the RMP the information provided..	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-45	(A)	shall	For each program two process, the owner or operator shall provide in the RMP the information...	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-45	(A)	shall	...but shall indicate to which processes the information applies.	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-45	(A)(4)	shall	The date of completion of the most recent hazard review or update and for each such review the RMP shall contain:	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-45	(A)(3)	required	The date of the most recent review or revision of the safety information required by rule 3745-104-17 of the Administrative Code	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-46	(A)	shall	For each program three process, the owner or operator shall provide the information indicated in paragraphs (A)(1) to (A)(15) of this rule.	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-46	(A)	shall	...the owner or operator may provide the information only once, but shall indicate to which processes the information applies.	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-47	(A)	shall	The owner or operator shall provide in the RMP the following information:	3753.02	Federal	40 CFR part 68	Yes	Yes	No

3745-104-47	(B)	shall	The owner or operator shall provide the name and telephone number of the local agency with which emergency response activities...	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-47	(C)	shall	The owner or operator shall list in the RMP other federal or state emergency plan requirements to which the stationary source is subject.	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-48	(A)	shall	For program one processes, the owner or operator shall submit in the RMP the certification statement...	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-48	(B)	shall	For all other covered processes, the owner or operator shall submit in the RMP a single certification	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-49	(A)	shall	The owner or operator shall review and update the RMP...	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-49	(B)	shall	The owner or operator shall revise and update the RMP submitted...	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-49	(C)	shall	Within six months of the date a stationary source is no longer subject to this rule, the owner or operator shall submit a de-registration...	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-49	(D)	shall	The owner or operator shall correct the RMP as follows:	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-49	(D)(1)	shall	For any accidental release meeting the five year accident history reporting criteria of rule 3745-104-16 of the Administrative Code and occurring after April 9, 2004, the owner or operator shall submit the data...	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-49	(D)(2)	shall	...owner or operator shall submit a correction of that information.	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-49	Rule Title	required	Risk management plan: updates and required corrections.	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-49	(B)(1)	required	Within five consecutive years of its initial submission or each most recent update required by paragraphs (B)(2) to (B)(7)...	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-49	(D)(1)	required	...the owner or operator shall submit the data required under rule 3745-104-44, paragraph (A)(9) of rule 3745-104-45 and paragraph (A)(11) of rule 3745-104-46...	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-49	(D)(2)	required	Beginning June 21, 2004, within one month of any change in the emergency contact information required under paragraph...	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-49	(B)(5)	requires	Within six months of a change that requires a revised PHA or hazard review;	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-49	(B)(6)	requires	Within six months of a change that requires a revised offsite consequence...	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-50		shall	The owner or operator shall maintain records supporting...	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-51		required	The RMP required in rules 3745-104-38 to 3745-104-49 of the...	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-52	(A)	shall	The Title V or 40 CFR Part 71 permit for the stationary source shall contain:...	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-52	(B)	shall	The owner or operator shall submit any additional relevant information requested by Ohio EPA.	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-52	(C)	shall	...the owner or operator or the director shall initiate permit revision or reopening according...	3753.02	Federal	40 CFR part 68	Yes	Yes	Yes
3745-104-52	(A)(2)	require	Conditions that require the source owner or operator to submit:...	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-53	(A)	shall	an owner or operator who is required to submit a risk management plan under this chapter shall pay annually....	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-53	(A)(3)	shall	Propane shall be considered a regulated substance subject to the fee levied...	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-53	(A)(3)	shall	Anhydrous ammonia shall be considered a regulated substance...	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-53	(B)	shall	The fees assessed under this rule for the year 1999 shall be collected no later than January 3, 2000.	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-53	(B)	shall	Each year thereafter, the fees shall be collected no later than September first of each subsequent year....	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-53	(B)	shall	The fees assessed for a stationary source shall be based upon the regulated substances...	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-53	(C)	shall	...paragraph (B) of this rule shall submit with the risk management plan a late filing fee...	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-53	(A)	required	Except as provided in paragraph (D) of this rule, an owner or operator who is required ...	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-53	(C)	required	An owner or operator who is required to submit a risk management plan under this chapter...	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-42	(B)(20)(b)	require	... providing missing data elements or reflecting facility ownership changes, and which do not require an update and resubmission as specified in paragraph (B) of...	3753.02	Federal	40 CFR part 68	Yes	Yes	No
3745-104-39	(B)	may not	Notwithstanding the provisions of rule 3745-49-03 of the Administrative Code, an owner or operator may not claim as a trade secret the following information:	3753.02	Federal	40 CFR part 68	Yes	Yes	No

OAC Rule #	Paragraph	Restriction	Description/Quotation	Statutory Authority	State or Fed Law?	If Fed, crosswalk?	Federally delegated program?	Removal would require state or federal law change?
3745-110-01	A	shall	...the definitions in rule 3745-15-01 of the Administrative Code shall apply to this chapter.	3704.03	State			No
3745-110-01	32	shall	NOx, including air pollution control equipment... shall be treated as part of its design if the limitation or the effect...	3704.03	State			No
3745-110-01	5	required	"British thermal unit" or "Btu" means the amount of heat required to raise one pound of water one degree Fahrenheit.	3704.03	State			No
3745-110-01	35	required	"Reheat furnace" means a furnace in which metal ingots, billets, slabs, beams, blooms and other similar products are heated to bring them to the temperature required for hot-working.	3704.03	State			No
3745-110-02	A	shall	...the requirements of this chapter shall apply to any stationary souce of NOx emisions that meets one of the following conditions:	3704.03	State			No
3745-110-02	2b	shall	...any new or modified source issued a permit-to-install after January 1, 2008, shall comply with the requirements of this chapter.	3704.03	State			No
3745-110-02	2b Comment	shall	...the new source described under this paragraph shall comply with the new source performance standards...	3704.03	State			No
3745-110-03	B	shall	...no owner or operator of a mid-size boiler shall allow or permit the discharge into the ambient air of any NOx...	3704.03	State			No
3745-110-03	C	shall	...no owner or operator of a large boiler shall allow or permit the discharge into the ambient air of any NOx...	3704.03	State			No
3745-110-03	D	shall	...no owner or operator of a very large boiler shall allow or permit the discharge into the ambient air of any NOx...	3704.03	State			No
3745-110-03	E	shall	...no owner or operator of a stationary combustion turbine shall allow or permit the discharge into the ambient air of any NOx...	3704.03	State			No
3745-110-03	F	shall	...no owner or operator of a stationary intenral combustion engine shall allow or permit the discharge into the ambient air of any NOx...	3704.03	State			No
3745-110-03	G	shall	...no owner or operator of a reheat furnace with a maximum heat input capacity of greater than 50.0 mmBtu/hr shall allow or permit the discharge into the ambient air of any NOx...	3704.03	State			No
3745-110-03	H	shall	The emission limits specified in paragraphs (A) to (G) of this rule or pursuant to paragraph (J) of this rule shall be based on the following:	3704.03	State			No
3745-110-03	I1	shall	Any proposed emission averaging program shall comply with all of the following requiements:	3704.03	State			No
3745-110-03	I2	shall	Any emission averaging program approved by the director shall be submitted to and approved by the USEPA as a revision of the Ohio state implementation plan.	3704.03	State			No
3745-110-03	I2	shall not	An emission averaging program shall not be federally enforceable until the USEPA approves the program as part of the Ohio state implementation plan.	3704.03	State			No
3745-110-03	J1	shall	...the owner or operator shall conduct a detailed engineering study to determine the tehncial and economic feasibility of reducing the NOx emissions...	3704.03	State			No
3745-110-03	J1	shall	The detailed engineering study shall be conducted by an engineering consulting firm or other person or persons experienced in the field of air pollution control...	3704.03	State			No
3745-110-03	J1	shall	...persons experienced in the field of air pollution control, and it shall provide the following information:	3704.03	State			No
3745-110-03	J1b	shall	The name, title, address and telephone number of the owner of operator's representative within the copmany who shall be the contact person for this facility...	3704.03	State			No
3745-110-03	J1n	shall	In the engineering study, all calculations of the NOx emissions, including all assumptions made, shall be documented clearly and in detail.	3704.03	State			No
3745-110-03	J1n	shall	...cost-effectiveness estimates shall be calculated in a manner that is consistent with the OEPA...	3704.03	State			No
3745-110-03	J2	shall	Any definition of RACT and schedule of compliance for an affected source that are approved by the director shall be submitted to and approved by the USEPA as a revision of the Ohio state implementation plan.	3704.03	State			No
3745-110-03	J3	shall	...the source shall no longer be subject to the emission limit(s) contained in paragraphs (A) to (G) of this rule.	3704.03	State			No
3745-110-03	J4	shall	...the director shall so notify the owner or operator, and the owner or operator shall conduct a full RACT engineering study in accordance...	3704.03	State			No
3745-110-03	J4	shall	...the director shall so notify the owner or operator, and the owner or operator shall conduct a full RACT engineering study in accordance...	3704.03	State			No
3745-110-03	K	shall not	The requirements of paragraphs (A) to (G) of this rule shall not apply to the following sources:	3704.03	State			No
3745-110-03	K2	shall	...operator of the emergency standby engine, boiler, or turbine shall maintain for a period of not less than three years, in a bound log book...	3704.03	State			No
3745-110-03	L	shall	The variance application shall be prepared in accordance with the provisions specified in rule 3845-31-09 of the Administrative Code...	3704.03	State			No
3745-110-03	L	shall	...the Administrative Code and shall only be granted provided the requirements of paragraph (C)(1)(b) of rule 3745-31-09 of the Administrative Code are met.	3704.03	State			No
3745-110-03	M	shall	...facility located at 6000 Canal road, Cuyahoga Heights, Ohio shall comply with the following NOx emission limitiations:	3704.03	State			No
3745-110-03	M1	shall not	Boiler B002, rated at sixty-nine mmBtu/hr, shall not exceed a NOx emission rate of 0.15 lb/mmBtu	3704.03	State			No
3745-110-03	M2	shall not	Boiler B003, rated at 92.99 mmBtu/hr, shall not exceed a NOx emission rate of 0.15 lb/mmBtu	3704.03	State			No
3745-110-03	N	shall	...facility located at 3060 Eggers avenue, Cleveland, Ohio shall comply with the following NOx emission limitations	3704.03	Federal	CAA section 182	P046 - SIP	Yes
3745-110-03	O	shall	...facility located at 1807 East 28th street, Lorain, Ohio shall comply with the following NOx emission limitations	3704.03	State			No
3745-110-03	O1	shall not	Walking beam furnace P071, rated at two hundred six mmBtu/hr, shall not exceed a NOx emission rate of 0.15 lb/mmBtu	3704.03	State			No
3745-110-03	O2	shall	Bloom reheat furnace P081, rated at 421.6 mmBtu/hr, shall not exceed a NOx emission rate of 0.132 lb/mmBtu	3704.03	State			No
3745-110-03	P	shall	...facility located at 2199 East 28th street, Lorain, Ohio shall comply with the following NOx emission limitations	3704.03	State			No

3745-110-03	P1	shall not	Number 3 seamless mill Q and T tempering furnace P003, rated at one hundred twelve mmBtu/hr, shall not exceed 0.068 lb/mmBtu	3704.03	State			No
3745-110-03	P2	shall not	Number 3 seamless mill number 2 reheat furnace P037, rated at 58.8 mmBtu/hr, shall not exceed 0.15 lb/mmBtu	3704.03	State			No
3745-110-03	P3	shall not	Number 4 seamless mill reheat furnace P040, rated at 50.9 mmBtu/hr, shall not exceed 0.15 lb/mmBtu	3704.03	State			No
3745-110-03	Q	shall	...facility located at 4300 East 29th street, Cuyahoga Heights, Ohio shall comply with the following NOx emission limitation	3704.03	State			No
3745-110-03	Q	shall not	Bar mill reheat furnace P029, rated at 165.0 mmBtu/hr, shall not exceed 0.11 lb/mmBtu.	3704.03	State			No
3745-110-03	R	shall	...facility located at 120 Pine street, Elyria, Ohio shall comply with the following NOx emission limitations	3704.03	State			No
3745-110-03	R1	shall not	Calciners P009, P010, P080, P102, and P103 shall not exceed 1.86 lbs/hr (200.0 ppmvd) when operating...	3704.03	State			No
3745-110-03	R2	shall not	Calciners P009, P010, P080, P102, and P103 shall not exceed 3.4 lbs/hr (250.0 ppmvd) when operating...	3704.03	State			No
3745-110-03	S	shall	...facility located at 15 Williams street, Grand River, Ohio shall comply with the following NOx emission limitation	3704.03	State			No
3745-110-03	S	shall not	...maximum process wieght rate of 54.5 tons/hr of limestone per kiln, shall not exceed a NOx emission rate of 6.0 lbs/ton of lime produced.	3704.03	State			No
3745-110-03	T	shall	...facility located at 36790 Giles road, Grafton, Ohio shall comply with the following NOx emission limitation	3704.03	State			No
3745-110-03	T	shall not	Hazardous waste incinerator N001, with a rated maximum capacity of 26,057.0 lbs/hr of waste materials, shall not exceed 158.1 lbs/hr...	3704.03	State			No
3745-110-03	U	shall	...facility located at 240 West Emerling avenue, Akron, Ohio shall comply with the following NOx emission limitation	3704.03	State			No
3745-110-03	U	shall not	NOx emissions from the coal-fired boiler B008, rated at 115.0 mmBtu/hr, shall not exceed 0.67 llb/mmBtu.	3704.03	State			No
3745-110-03	A	must	...owner or operator of a smaller boiler must annually perform a tune-up and maintain, in a permanently bound log book...	3704.03	Federal	CAA section 110(l)	SIP	Yes
3745-110-03	H2	must	The block hourly heat-input weighted average emission rate must be calculated for each one-hour period...	3704.03	State			No
3745-110-03	H2	must	The thirty-day rolling heat input-weighted average must be the average of the twenty-four-hour daily heat input-weighted NOx emission rate.	3704.03	State			No
3745-110-03	l1f	must	Owners or operators must submit a report to the director by March thirty-first of each year demonstrating that the equivalent reduction...	3704.03	State			No
3745-110-03	A3	require	Any other information which the Ohio environmental protection agency may require as a condition of approval of any permit for the boiler.	3704.03	Federal	CAA section 110(l)	SIP	Yes
3745-110-03	l1c	required	...reductions in NOx emissions that are equal to or greater than the actual emission reductions that would be required by this rule if an emission averaging program...	3704.03	State			No
3745-110-03	J1h	required	A detailed engineering discussion is not required for those control measures which are not applicable to a particular source.	3704.03	State			No
3745-110-03	J4a	required	All information required by paragraphs (J)(1)(a), (J)(1)(d), (J)(1)(e), and (J)(1)(g) of this rule.	3704.03	State			No
3745-110-03	J4	may not	...the director determines that the information does not or may not indicate that the definition of the best available technology satisfises the requirements...	3704.03	State			No
3745-110-04	A1	shall	...rule 3745-110-03 of the Administrative Code and which is not subject to paragraph (A)(2) of this rule shall either...	3704.03	State			No
3745-110-04	A1a	shall	Such certification shall include: equipment description, Ohio environmental protection agency permit application number(s)...	3704.03	State			No
3745-110-04	A1a	shall	The certification shall also include an application for a permit-to-operate such source...	3704.03	State			No
3745-110-04	A1b	shall	Such application shall include a compliance program which will bring the source into compliance with all the requirements...	3704.03	State			No
3745-110-04	A2	shall	...paragraph (J) of rule 3745-110-03 of the Administrative Code shall submit a complete RACT study...	3704.03	State			No
3745-110-04	B	shall	...alternative schedule for implementing the RACT, shall achieve and demonstrate compliance with said emission limitations...	3704.03	State			No
3745-110-04	B	shall	...but in no event later than the following, and shall maintain complaince thereafter:	3704.03	State			No
3745-110-04	B1a	required	...if combustion modifications are required to demonstrate compliance with the applicable NOx emission limitations;	3704.03	State			No
3745-110-04	B1b	required	...if add-on controls are required to demonstrate compliance with the applicable emission limitations.	3704.03	State			No
3745-110-04	B2a	required	...if combustion modifications are required to demonstrate compliance with the applicable emission limitations;	3704.03	State			No
3745-110-04	B2b	required	...if add-on controls are required to demonstrate compliance with the applicable emission limitations.	3704.03	State			No
3745-110-05	A	shall	...rule 3745-110-03 of the Administrative Code shall demonstrate compliance with the applicable emission limit(s) by performing emission tests...	3704.03	State			No
3745-110-05	B	shall	...compliance with an applicable emission limitation shall meet the requirements of Performance Specification 2...	3704.03	State			No
3745-110-05	C	shall	For the compliance demonstrations performed pursuant to paragraph (A) of this rule, the owner or operator shall obtain any additional test data...	3704.03	State			No
3745-110-05	C	shall	Compliance demonstrations shall be performed that are representative of the normal operating modes...	3704.03	State			No
3745-110-05	C	shall	...including fuel types or fuel blends employed and shall exclude periods of startup, shutdown, malfunction, and low load operating conditions.	3704.03	State			No
3745-110-05	D	shall	...compliance demonstrations shall be performed while the affected boiler is operating at or as close as possible to its maximum permitted operating capacity.	3704.03	State			No
3745-110-05	E	shall	...compliance demonstrations shall be performed while the affected stationary combustion turbine is operating at or as close as possible to its maximum permitted operating capacity.	3704.03	State			No
3745-110-05	F	shall	...compliance demonstrations shall be performed while the affected internal combustion engine is operating at or as close as possible to its maximum permitted operating capacity.	3704.03	State			No
3745-110-05	G	shall	...compliance demonstrations shall be performed while the affected reheat furnace is operating at or as close as possible to its maximum permitted operating capacity.	3704.03	State			No

3745-110-05	C	required	...concurrent with the required compliance demonstration in order to convert the emission test results or monitoring data to the units of the applicable limit.	3704.03	State			No
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OAC Rule #	Paragraph	Restriction	Description/Quotation	Statutory Authority	State or Fed Law?	If Fed, crosswalk?	Federally delegated program?	Removal would require state or federal law change?	Requirement on the agency or director?
3745-111-01	(A)	shall	Except as otherwise provided in this rule, the definitions in rule 3745-31-01 of the Administrative Code shall apply to this chapter.	3704.03(F)	State	CAA Section 173; 40 CFR 51.165	No	No	No
3745-111-01	(F)	required	"Reasonable further progress" or "RFP" means any incremental emission reductions required to fulfill the requirements of paragraphs (b)(1)(A) and (c)(2)(B) of Section 182 of the Clean Air Act or specified in the Ohio state implementation plan.	3704.03(F)	State	CAA Section 173; 40 CFR 51.166	No	No	No
3745-111-01	(G)	required	"Surplus" means emission reductions made below an applicable source baseline which are below allowable emission rates and are not relied upon in the Ohio state implementation plan or required attainment demonstration of the national ambient air quality standards and have not been required by any applicable laws.	3704.03(F)	State	CAA Section 173; 40 CFR 51.167	No	No	No
3745-111-01	(G)	required	"Surplus" means emission reductions made below an applicable source baseline which are below allowable emission rates and are not relied upon in the Ohio state implementation plan or required attainment demonstration of the national ambient air quality standards and have not been required by any applicable laws.	3704.03(F)	State	CAA Section 173; 40 CFR 51.168	No	No	No
3745-111-02	(A)(1)	shall	The purpose of this chapter is to establish a voluntary statewide ERC banking program for the purpose of enabling the acquisition of offsets that shall be implemented in accordance with this chapter.	3704.03(F)	State	CAA Section 173; 40 CFR 51.169	No	No	No
3745-111-02	(A)(2)	shall	Nothing in this chapter shall be construed to be a mandatory requirement except when a person, as specified in paragraph (B)(2) of this rule, chooses to voluntarily participate in the ERC banking program.	3704.03(F)	State	CAA Section 173; 40 CFR 51.170	No	No	No
3745-111-02	(A)(2)	shall	At such time, the requirements of this chapter shall apply.	3704.03(F)	State	CAA Section 173; 40 CFR 51.171	No	No	No
3745-111-02	(A)(3)	shall	Nothing in this chapter shall be construed to restrict the director's authority to attain and maintain the national ambient air quality standards of the Ohio state implementation plan requirements.	3704.03(F)	State	CAA Section 173; 40 CFR 51.172	No	No	No
3745-111-02	(A)(4)	shall	Nothing in this chapter shall be construed to restrict the use of offsets consistent with Chapter 3745-31 of the Administrative Code; Section 173 of the Clean Air Act; 40 CFR Part 51; 40 CFR Part 51, Appendix S; or 40 CFR Part 52.	3704.03(F)	State	CAA Section 173; 40 CFR 51.173	No	No	No
3745-111-02	(B)(2)(b)	shall	For any ERC generating source that voluntarily participates in the ERC banking program located outside the state of Ohio, this chapter and paragraph (A) of rule 3745-31-27 of the Administrative Code shall be applicable.	3704.03(F)	State	CAA Section 173; 40 CFR 51.174	No	No	No
3745-111-02	(C)(1)	shall	The generation, transfer and use of ERCs shall be consistent with the Ohio state implementation plan, the Clean Air Act, rules promulgated under the Clean Air Act, this chapter, and Chapter 3745-31 of the Administrative Code.	3704.03(F)	State	CAA Section 173; 40 CFR 51.175	No	No	No
3745-111-02	(C)(2)	shall	The use of verified ERCs in a nonattainment area shall result in emission reductions consistent with the requirements for reasonable further progress for the nonattainment area and any attainment demonstration specified in the Ohio state implementation plan.	3704.03(F)	State	CAA Section 173; 40 CFR 51.176	No	No	No
3745-111-02	(C)(3)	shall	Emission reductions made to correct violations or inaccurate reporting of any applicable emission standard of limitation or emission reduction resulting from a source, process, or process equipment in violation shall not be eligible to generate ERCs to be used or transferred under this chapter.	3704.03(F)	State	CAA Section 173; 40 CFR 51.177	No	No	No
3745-111-02	(C)(5)	shall	Nothing in this chapter shall be construed to obviate the need to obtain a permit-to-install or PTIO under Chapter 3745-31 of the Administrative Code, or a Title V permit under Chapter 3745-77 of the Administrative Code.	3704.03(F)	State	CAA Section 173; 40 CFR 51.178	No	No	No
3745-111-02	(C)(3)	required	Emission reductions in excess of what is required to correct a violation may be eligible to generate ERCs if they meet the requirements contained in this chapter and Chapter 3745-31 of the Administrative Code.	3704.03(F)	State	CAA Section 173; 40 CFR 51.179	No	No	No
3745-111-02	(C)(3)	shall not	Emission reductions made to correct violations or inaccurate reporting of any applicable emission standard of limitation or emission reduction resulting from a source, process, or process equipment in violation shall not be eligible to generate ERCs to be used or transferred under this chapter.	3704.03(F)	State	CAA Section 173; 40 CFR 51.180	No	No	No
3745-111-02	(C)(5)	prohibited	The use of verified ERCs which would be inconsistent with the requirements contained in Chapter 3745-31 of the Administrative Code is prohibited .	3704.03(F)	State	CAA Section 173; 40 CFR 51.181	No	No	No
3745-111-03	(A)	shall	When voluntarily participating in the ERC banking program, ERCs shall be generated by the following emission reduction techniques:	3704.03(F)	State	CAA Section 173; 40 CFR 51.182	No	No	No
3745-111-03	(A)(5)	shall	The incidental emissions reduction of air pollutants contained in paragraph (B)(1) of rule 3745-111-02 of the Administrative Code resulting from reductions of a collateral pollutant required under the Clean Air Act shall be permitted, provided the emission reduction meets the requirements of this chapter.	3704.03(F)	State	CAA Section 173; 40 CFR 51.183	No	No	No
3745-111-03	(A)(6)	shall	Acceptable mobile source ERC generation that reduces actual emissions shall be approved by the director on a case-by-case basis.	3704.03(F)	State	CAA Section 173; 40 CFR 51.184	No	No	No
3745-111-03	(B)	shall	The emission baseline from which ERCs may be generated shall be established to determine the amount of actual emissions from an air contaminant source, process, or process equipment for the purpose of generating ERCs that result in actual emission reductions.	3704.03(F)	State	CAA Section 173; 40 CFR 51.185	No	No	No
3745-111-03	(B)	shall	The emission baseline shall be expressed in tons of pollutant emitted per year.	3704.03(F)	State	CAA Section 173; 40 CFR 51.186	No	No	No
3745-111-03	(B)(1)	shall	In establishing the baseline used to calculate ERCs, the Ohio EPA shall consider emission characteristics and operating conditions which include, at a minimum, the emission rate, capacity utilization, hours of operations and seasonal emission rate variations, in accordance with the following:	3704.03(F)	State	CAA Section 173; 40 CFR 51.187	No	No	Yes
3745-111-03	(B)(1)(c)	shall	The baseline emissions rate shall not exceed the allowable emissions rate taking into consideration the definition under paragraph (G) of rule 3745-111-01 of the Administrative Code.	3704.03(F)	State	CAA Section 173; 40 CFR 51.188	No	No	No
3745-111-03	(B)(2)	shall	The baseline determination requirements under rule 3745-31-24 of the Administrative Code shall apply.	3704.03(F)	State	CAA Section 173; 40 CFR 51.189	No	No	No
3745-111-03	(C)(1)	shall	When participating in the ERC banking program, emission monitoring and quantification protocols to quantify emissions, emission reductions, and the generation of ERCs shall be reliable, enforceable, and replicable and may include the following:	3704.03(F)	State	CAA Section 173; 40 CFR 51.190	No	No	No

3745-111-03	(C)(1)(f)	shall	Measurement methods, procedures, and calculations shall be approved by the director.	3704.03(F)	State	CAA Section 173; 40 CFR 51.191	No	No	Yes
3745-111-03	(D)(1)	shall	When participating in the ERC banking program, an ERC generation notification shall be submitted in a form and manner prescribed by the director and shall include the following information, at a minimum:	3704.03(F)	State	CAA Section 173; 40 CFR 51.192	No	No	No
3745-111-03	(D)(1)	shall	When participating in the ERC banking program, an ERC generation notification shall be submitted in a form and manner prescribed by the director and shall include the following information, at a minimum:	3704.03(F)	State	CAA Section 173; 40 CFR 51.193	No	No	No
3745-111-03	(E)(1)(a)(i)	shall	Participate in the banking program which shall include submittal of information required under paragraph (D)(1)(a) of this rule for approval of verified ERCs.	3704.03(F)	State	CAA Section 173; 40 CFR 51.194	No	No	No
3745-111-03	(E)(1)(a)(ii)	shall	Participate in the ERC banking program which shall include submittal of information required under paragraph (D)(1)(b) of this rule for approval of un-verified ERCs.	3704.03(F)	State	CAA Section 173; 40 CFR 51.195	No	No	No
3745-111-03	(E)(2)	shall	Any owner or operator who does not respond to the above shutdown notification shall subject the ERCs to paragraph (E)(2)(d) of this rule provided the conditions of paragraphs (E)(2)(a) to (E)(2)(c) of this rule are met.	3704.03(F)	State	CAA Section 173; 40 CFR 51.196	No	No	No
3745-111-03	(E)(2)(d)	shall	The facility shall forfeit possession of the ERCs to Ohio EPA, upon the date the permanent shutdown is certified with, or verified by Ohio EPA for use at the director's discretion.	3704.03(F)	State	CAA Section 173; 40 CFR 51.197	No	No	No
3745-111-03	(E)(2)(d)	shall	Forfeited ERCs shall be made available free of charge by Ohio EPA to a stationary source, at the director's discretion, for use as emission offsets provided the use of ERCs meet the requirements of Chapter 3745-31 of the Administrative Code and this chapter.	3704.03(F)	State	CAA Section 173; 40 CFR 51.198	No	No	No
3745-111-03	(E)(2)(d)	shall	In the event the new or modified stationary source is not installed, the ERCs shall be forfeited back to Ohio EPA.	3704.03(F)	State	CAA Section 173; 40 CFR 51.199	No	No	No
3745-111-03	(A)(2)	required	Permanent curtailment in production or operating hours at an existing air contaminant source or facility operating in accordance with applicable laws, provided the curtailment results in an actual emissions reduction and is not otherwise required to comply with the Clean Air Act.	3704.03(F)	State	CAA Section 173; 40 CFR 51.200	No	No	No
3745-111-03	(A)(3)	required	The installation and operation of pollution control equipment that reduces emissions below the level required from an existing air contaminant source or facility to less than that required by applicable laws.	3704.03(F)	State	CAA Section 173; 40 CFR 51.201	No	No	No
3745-111-03	(A)(3)	required	The installation and operation of pollution control equipment that reduces emissions below the level required from an existing air contaminant source or facility to less than that required by applicable laws.	3704.03(F)	State	CAA Section 173; 40 CFR 51.202	No	No	No
3745-111-03	(A)(4)	required	Technologies, materials or processes or process equipment modifications which are not otherwise required by the Clean Air Act.	3704.03(F)	State	CAA Section 173; 40 CFR 51.203	No	No	No
3745-111-03	(A)(5)	required	The incidental emissions reduction of air pollutants contained in paragraph (B)(1) of rule 3745-111-02 of the Administrative Code resulting from reductions of a collateral pollutant required under the Clean Air Act shall be permitted, provided the emission reduction meets the requirements of this chapter.	3704.03(F)	State	CAA Section 173; 40 CFR 51.204	No	No	No
3745-111-03	(E)(1)(a)(i)	required	Participate in the banking program which shall include submittal of information required under paragraph (D)(1)(a) of this rule for approval of verified ERCs.	3704.03(F)	State	CAA Section 173; 40 CFR 51.205	No	No	No
3745-111-03	(E)(1)(a)(ii)	required	Participate in the ERC banking program which shall include submittal of information required under paragraph (D)(1)(b) of this rule for approval of un-verified ERCs.	3704.03(F)	State	CAA Section 173; 40 CFR 51.206	No	No	No
3745-111-03	(B)(1)(c)	shall not	The baseline emissions rate shall not exceed the allowable emissions rate taking into consideration the definition under paragraph (G) of rule 3745-111-01 of the Administrative Code.	3704.03(F)	State	CAA Section 173; 40 CFR 51.207	No	No	No
3745-111-03	(B)(1)(b)	may not	The baseline emissions rate may not be inconsistent with the emissions reported in the most recently filed or amended version of all relevant emission statements for the baseline period filed pursuant to Chapter 3745-78 of the Administrative Code for which fees have been paid, when applicable.	3704.03(F)	State	CAA Section 173; 40 CFR 51.208	No	No	No
3745-111-03	(D)(1)(a)(ii)	prohibit	[Comment: identifying an intended use does not obligate the generator to that identified use and does not prohibit the generator from requesting a change to the identified use while the ERCs are in the bank The intended use information will provide information to the public regarding which ERCs are available for transfer.]	3704.03(F)	State	CAA Section 173; 40 CFR 51.209	No	No	No
3745-111-04	(A)	shall	The use of ERCs from an existing air contaminant source or facility for the purpose of offsetting emissions of a proposed major stationary source or major modification (whether or not under the same ownership) shall meet the requirements contained in rule 3745-31-22 of the Administrative Code, including that there will be reasonable progress, as determined by the director, toward attainment of the applicable national ambient air quality standard.	3704.03(F)	State	CAA Section 173; 40 CFR 51.210	No	No	No
3745-111-04	(A)(1)	shall	The owner or operator of the proposed air contaminant source or facility shall secure approval from the director to use the ERCs for the purpose of offsetting emissions prior to the time of use.	3704.03(F)	State	CAA Section 173; 40 CFR 51.211	No	No	No
3745-111-04	(A)(3)	shall	ERCs that are used shall be surplus and quantifiable at the time of use in accordance with paragraphs (E) and (G) of rule 3745-111-01 of the Administrative Code.	3704.03(F)	State	CAA Section 173; 40 CFR 51.212	No	No	No
3745-111-04	(A)(4)	shall	An owner or operator proposing new or increased emissions shall demonstrate that sufficient offsetting ERCs, at the ratio specified in rule 3745-31-26 of the Administrative Code have been acquired from a nonattainment area that meets the requirements of paragraph (B) of this rule.	3704.03(F)	State	CAA Section 173; 40 CFR 51.213	No	No	No
3745-111-04	(B)	shall	Location of offsetting emissions shall meet the requirements of rule 3745-31-25 of the Administrative Code, paragraph (B) of rule 3745-31-26 of the Administrative Code, and rule 3745-31-27 of the Administrative Code.	3704.03(F)	State	CAA Section 173; 40 CFR 51.214	No	No	No
3745-111-04	(C)(1)	shall	Transfer and use of ERCs for the purpose of offsetting emissions shall meet the administrative procedures of rule 3745-31-27 of the Administrative Code.	3704.03(F)	State	CAA Section 173; 40 CFR 51.215	No	No	No
3745-111-04	(C)(2)	shall	The emission offsets shall come from existing mobile sources.	3704.03(F)	State	CAA Section 173; 40 CFR 51.216	No	No	No
3745-111-04	(C)(2)	shall	The use of mobile source ERCs under this paragraph shall be approved by the director on a case-by-case basis.	3704.03(F)	State	CAA Section 173; 40 CFR 51.217	No	No	No
3745-111-04	(E)	shall	When participating in the ERC banking program, an ERC transfer or use notification shall be submitted in a form and manner prescribed by the director and shall include the following information, at a minimum, except paragraph (E)(6) of this rule shall be optional:	3704.03(F)	State	CAA Section 173; 40 CFR 51.218	No	No	No

3745-111-04	(E)	shall	When participating in the ERC banking program, an ERC transfer or use notification shall be submitted in a form and manner prescribed by the director and shall include the following information, at a minimum, except paragraph (E)(6) of this rule shall be optional:	3704.03(F)	State	CAA Section 173; 40 CFR 51.219	No	No	No
3745-111-04	(E)	shall	When participating in the ERC banking program, an ERC transfer or use notification shall be submitted in a form and manner prescribed by the director and shall include the following information, at a minimum, except paragraph (E)(6) of this rule shall be optional:	3704.03(F)	State	CAA Section 173; 40 CFR 51.220	No	No	No
3745-111-04	(E)	shall	When participating in the ERC banking program, an ERC transfer or use notification shall be submitted in a form and manner prescribed by the director and shall include the following information, at a minimum, except paragraph (E)(6) of this rule shall be optional:	3704.03(F)	State	CAA Section 173; 40 CFR 51.221	No	No	No
3745-111-04	(E)(6)	shall	The cost, in dollars per ton, of ERCs transferred or used shall be optional.	3704.03(F)	State	CAA Section 173; 40 CFR 51.222	No	No	No
3745-111-04	(F)	shall	Consistent with the requirements of Chapter 3745-31 of the Administrative Code, the Ohio EPA shall provide the public with notice of owners or operators proposing to use verified ERCs at the time they are made federally enforceable.	3704.03(F)	State	CAA Section 173; 40 CFR 51.223	No	No	Yes
3745-111-04	(C)(2)	must	The use of mobile source ERCs must be submitted as a Ohio state implementation plan revision or must be contained in a federally enforceable permit.	3704.03(F)	State	CAA Section 173; 40 CFR 51.224	No	No	No
3745-111-04	(C)(2)	must	The use of mobile source ERCs must be submitted as a Ohio state implementation plan revision or must be contained in a federally enforceable permit.	3704.03(F)	State	CAA Section 173; 40 CFR 51.225	No	No	No
3745-111-04	(A)(2)	may not	ERCs may not be used in an area with a higher nonattainment classification than the one in which they were generated.	3704.03(F)	State	CAA Section 173; 40 CFR 51.226	No	No	No
3745-111-04	(A)(5)	may not	ERCs generated in another state may not be used at a facility within the state of Ohio unless the facility's generated ERCs are enforceable by the neighboring state and by the Ohio EPA in accordance with this chapter and paragraph (A) of rule 3745-31-27 of the Administrative Code.	3704.03(F)	State	CAA Section 173; 40 CFR 51.227	No	No	No
3745-111-04	(D)(2)	may not	Verified ERCs generated in accordance with paragraph (A)(1) of rule 3745-111-03 of the Administrative Code, resulting from the permanent shutdown of an existing air contaminant source or facility, may not be transferred or used prior to Ohio EPA receiving notification from the responsible official of a Title V facility, as defined in rule 3745-77-01 of the Administrative Code, or from the person with signatory authority under rule 3745-31-02 of the Administrative Code for a facility that is not Title V, certifying the permanence of the shutdown.	3704.03(F)	State	CAA Section 173; 40 CFR 51.228	No	No	No
3745-111-04	(D)(3)	may not	Verified ERCs generated in accordance with paragraphs (A)(2) to (A)(7) of rule 3745-111-03 of the Administrative Code, may not be transferred until the ERCs are permanent and federally enforceable in accordance with paragraph (C)(2) of rule 3745-111-02 of the Administrative Code.	3704.03(F)	State	CAA Section 173; 40 CFR 51.229	No	No	No
3745-111-04	(E)(3)	prohibit	[Comment: identifying an intended use does not obligate the person receiving the ERCs to that identified use and does not prohibit the person receiving the ERCs from requesting a change to the identified use while the ERCs are in the bank. The intended use information will provide information to the public regarding which ERCs are available for transfer.]	3704.03(F)	State	CAA Section 173; 40 CFR 51.230	No	No	No
3745-111-05	Paragraph U	shall	The Ohio EPA shall establish a voluntary ERC banking system to track the deposit and withdrawal of ERCs and the generation, transfer and use of ERCs in accordance with this chapter.	3704.03(F)	State	CAA Section 173; 40 CFR 51.231	No	No	Yes
3745-111-05	(A)	shall	The Prior to deposit of ERCs into the banking system, the Ohio EPA shall do one of the following:	3704.03(F)	State	CAA Section 173; 40 CFR 51.232	No	No	Yes
3745-111-05	(B)	shall	The banking system shall identify the following:	3704.03(F)	State	CAA Section 173; 40 CFR 51.233	No	No	No
3745-111-05	(B)(6)	shall	The ERC generation date entered in the banking system shall reflect the anticipated date of emissions reduction and shall be amended as necessary to reflect the actual emissions reduction date.	3704.03(F)	State	CAA Section 173; 40 CFR 51.234	No	No	No
3745-111-05	(B)(6)	shall	The ERC generation date entered in the banking system shall reflect the anticipated date of emissions reduction and shall be amended as necessary to reflect the actual emissions reduction date.	3704.03(F)	State	CAA Section 173; 40 CFR 51.235	No	No	No
3745-111-05	(C)(1)	shall	Upon registration and deposit of verified ERCs into the ERC banking system an ERC certificate with a unique ERC certificate number shall be generated by the director to the verified ERC holder.	3704.03(F)	State	CAA Section 173; 40 CFR 51.236	No	No	No
3745-111-05	(C)(2)	shall	If the owner of an ERC certificate uses or transfers ERCs to a new owner in part or whole, the director shall generate an ERC certificate to the new owner reflecting the transferred amount of ERCs and, if applicable, shall issue an ERC certificate to the current owner reflecting the amount of ERCs remaining after the transfer or use.	3704.03(F)	State	CAA Section 173; 40 CFR 51.237	No	No	Yes
3745-111-05	(C)(2)	shall	If the owner of an ERC certificate uses or transfers ERCs to a new owner in part or whole, the director shall generate an ERC certificate to the new owner reflecting the transferred amount of ERCs and, if applicable, shall issue an ERC certificate to the current owner reflecting the amount of ERCs remaining after the transfer or use.	3704.03(F)	State	CAA Section 173; 40 CFR 51.238	No	No	No
3745-111-05	(C)(2)	shall	Upon issuance of a permit allowing the use of verified ERCs for the purpose of offsetting emissions, or upon transfer of ERCs, the banking transactions shall be updated in the banking system, including identifying any remaining ERCs available for transferring or use after the transaction.	3704.03(F)	State	CAA Section 173; 40 CFR 51.239	No	No	No
3745-111-05	(D)	shall	Nothing in this rule shall prohibit the transfer of ERCs that do not meet the requirements of paragraph (D) of rule 3745-111-04 of the Administrative Code if the ERCs are withdrawn from the banking system.	3704.03(F)	State	CAA Section 173; 40 CFR 51.240	No	No	No
3745-111-05	(D)	shall	Upon withdrawal, all ERC certificates shall be terminated and the ERCs shall be withdrawn from the banking system.	3704.03(F)	State	CAA Section 173; 40 CFR 51.241	No	No	No
3745-111-05	(D)	shall	Upon withdrawal, all ERC certificates shall be terminated and the ERCs shall be withdrawn from the banking system.	3704.03(F)	State	CAA Section 173; 40 CFR 51.242	No	No	No
3745-111-05	(E)	shall	The director shall publish a list of deposited ERCs into the banking system that are available for transfer and use on the Ohio EPA website and the list shall be updated on a thirty day basis, at a minimum.	3704.03(F)	State	CAA Section 173; 40 CFR 51.243	No	No	Yes
3745-111-05	(E)	shall	The director shall publish a list of deposited ERCs into the banking system that are available for transfer and use on the Ohio EPA website and the list shall be updated on a thirty day basis, at a minimum.	3704.03(F)	State	CAA Section 173; 40 CFR 51.244	No	No	No

3745-111-05	(F)	shall	The Ohio EPA shall maintain supporting documentation, including permit decisions, generator information and other information required to sufficiently characterize the emissions, which shall allow the Ohio EPA and ERC users to determine if the ERCs are suitable for use at a specific facility.	3704.03(F)	State	CAA Section 173; 40 CFR 51.245	No	No	Yes
3745-111-05	(F)	shall	The Ohio EPA shall maintain supporting documentation, including permit decisions, generator information and other information required to sufficiently characterize the emissions, which shall allow the Ohio EPA and ERC users to determine if the ERCs are suitable for use at a specific facility.	3704.03(F)	State	CAA Section 173; 40 CFR 51.246	No	No	No
3745-111-05	(F)	required	The Ohio EPA shall maintain supporting documentation, including permit decisions, generator information and other information required to sufficiently characterize the emissions, which shall allow the Ohio EPA and ERC users to determine if the ERCs are suitable for use at a specific facility.	3704.03(F)	State	CAA Section 173; 40 CFR 51.247	No	No	No
3745-111-05	(G)(2)	shall not	Information on the identity of any party involved in the ERC transactions and data used to calculate the purchase price of the ERCs shall not be included in the publication.	3704.03(F)	State	CAA Section 173; 40 CFR 51.248	No	No	No
3745-111-05	(D)	prohibit	Nothing in this rule shall prohibit the transfer of ERCs that do not meet the requirements of paragraph (D) of rule 3745-111-04 of the Administrative Code if the ERCs are withdrawn from the banking system.	3704.03(F)	State	CAA Section 173; 40 CFR 51.249	No	No	No

OAC Rule #	Paragraph	Restriction	Description/Quotation	Statutory Authority	State or Fed Law?	If Fed, crosswalk?	Federally delegated program?	Removal would require state or federal law change?	Requirement on the agency or director?
3745-112-01	(A)	shall	Except as otherwise provided in this rule, the definitions in rule 3745-15-01 of the Administrative Code shall apply to this chapter.	3704.03(E)	Fed	CAA Section 182	Yes/SIP	No	No
3745-112-01	(B)(2)	shall	For the purpose of paragraph (B)(2) of this rule, the term adhesive shall mean a substance used to bond one or more materials.	3704.03(E)	Fed	CAA Section 182	Yes/SIP	No	No
3745-112-01	(B)(7)	shall not	The presence of, and representations about, a product's fragrance and ability to deodorize (resulting from surface application) shall not constitute a claim of air freshening.	3704.03(E)	Fed	CAA Section 182	Yes/SIP	No	No
3745-112-01	(B)(32)	shall	As used in this paragraph consumer product shall also refer to aerosol adhesives, including aerosol adhesives used for consumer, industrial, and commercial uses.	3704.03(E)	Fed	CAA Section 182	Yes/SIP	No	No
3745-112-01	(B)(119)	shall	Whenever a principal display panel appears more than once, all requirements pertaining to the principal display panel shall pertain to all such principal display panels.	3704.03(E)	Fed	CAA Section 182	Yes/SIP	No	No
3745-112-02		shall	Except as provided in rule 3745-112-04 of the Administrative Code, this chapter shall apply to any person who sells, supplies, offers for sale, or manufactures consumer products on or after January 1, 2009, for use in the state of Ohio.	3704.03(E)	Fed	CAA Section 182	Yes/SIP	No	No
3745-112-03	(A)	shall	Except as provided in rules 3745-112-04 and 3745-112-07 of the Administrative Code, no person shall sell, supply, offer for sale, or manufacture.....	3704.03(E)	Fed	CAA Section 182	Yes/SIP	No	No
3745-112-03	(B)	shall	No person shall sell, supply, offer for sale, or manufacture for sale in the state of Ohio any antiperspirant...	3704.03(E)	Fed	CAA Section 182	Yes/SIP	No	No
3745-112-03	(C)(1)	shall	For consumer products for which the label, packaging, or accompanying literature specifically states that the product should be diluted with water or non-VOC solvent prior to use, the VOC content limits specified in the table of this rule shall apply to the product only after....	3704.03(E)	Fed	CAA Section 182	Yes/SIP	No	No
3745-112-03	(C)(1)	shall not	For purposes of this rule, minimum recommended dilution shall not include recommendations...	3704.03(E)	Fed	CAA Section 182	Yes/SIP	No	No
3745-112-03	(C)(2)	shall	For consumer products for which the label, packaging, or accompanying literature states that the product should be diluted with any VOC solvent prior to use, the VOC content limits specified in the table of this rule shall apply to the product only after the maximum recommended dilution has taken place.	3704.03(E)	Fed	CAA Section 182	Yes/SIP	No	No
3745-112-03	(F)	shall	No person shall sell, supply, or offer for sale after January 1, 2009 any charcoal lighter material...	3704.03(E)	Fed	CAA Section 182	Yes/SIP	No	No
3745-112-03	(G)(1)	shall	Except as otherwise provided in rules 3745-112-04 and 3745-112-07 of the Administrative Code, no person shall sell, supply, offer for sale...	3704.03(E)	Fed	CAA Section 182	Yes/SIP	No	No
3745-112-03	(G)(2)	shall	In order to qualify as a special purpose spray adhesive the product must meet one or more of the definitions specified in rule 3745-112-01 of the Administrative Code, but if the product label indicates that the product is suitable for use on any substrate or application not listed in this definition, then the product shall be classified as either a web spray adhesive or a mist spray adhesive.	3704.03(E)	Fed	CAA Section 182	Yes/SIP	No	No
3745-112-03	(G)(2)	shall	If a product meets more than one of the definitions specified in rule 3745-112-01 of the Administrative Code for a special purpose spray adhesive, and is not classified as a web spray adhesive or mist spray adhesive under this paragraph, then the VOC content limit for the product shall be the lowest applicable VOC content limit specified in the table of this rule.	3704.03(E)	Fed	CAA Section 182	Yes/SIP	No	No
3745-112-03	(H)	shall	No person shall sell, supply, offer for sale, or manufacture for use in Ohio any floor wax stripper unless the following requirements are met:	3704.03(E)	Fed	CAA Section 182	Yes/SIP	No	No
3745-112-04	(A)	shall not	This rule shall not apply to any consumer product manufactured in the state of Ohio solely for shipment and use outside of the state of Ohio.	3704.03(E)	Fed	CAA Section 182	Yes/SIP	No	No
3745-112-04	(B)	shall not	The provisions of this rule shall not apply to a manufacturer or distributor who sells, supplies, or offers for sale in the state of Ohio...	3704.03(E)	Fed	CAA Section 182	Yes/SIP	No	No
3745-112-04	(C)	shall not	The MVOC content standards specified in paragraph (A) of rule 3745-112-03 of the Administrative Code for antiperspirants or deodorants, shall not apply to ethanol.	3704.03(E)	Fed	CAA Section 182	Yes/SIP	No	No
3745-112-04	(D)	shall not	The VOC limits specified in paragraph (A) of rule 3745-112-03 of the Administrative Code shall not apply to fragrances...	3704.03(E)	Fed	CAA Section 182	Yes/SIP	No	No
3745-112-04	(D)	shall not	...by weight, contained in any consumer product and shall not apply to colorants up to a combined level of two per cent, by weight, contained in any antiperspirant or deodorant.	3704.03(E)	Fed	CAA Section 182	Yes/SIP	No	No
3745-112-04	(E)	shall not	The VOC limits specified in paragraph (A) of rule 3745-112-03 of the Administrative Code shall not apply to any LVP-VOC.	3704.03(E)	Fed	CAA Section 182	Yes/SIP	No	No
3745-112-04	(F)	shall not	The requirements in paragraph (A) of rule 3745-112-03 of the Administrative Code for antiperspirants or deodorants shall not apply to those VOCs that contain more than ten carbon atoms per molecule...	3704.03(E)	Fed	CAA Section 182	Yes/SIP	No	No
3745-112-04	(G)	shall not	The requirements specified in paragraph (A) of rule 3745-112-05 of the Administrative Code shall not apply to consumer products registered under the Federal Insecticide, Fungicide, and Rodenticide Act.	3704.03(E)	Fed	CAA Section 182	Yes/SIP	No	No
3745-112-04	(H)	shall not	The VOC limits specified in paragraph (A) of rule 3745-112-03 of the Administrative Code shall not apply to air fresheners that are comprised entirely of fragrance,...	3704.03(E)	Fed	CAA Section 182	Yes/SIP	No	No
3745-112-04	(I)	shall not	The VOC limits specified in paragraph (A) of rule 3745-112-03 of the Administrative Code shall not apply to insecticides containing at least ninety-eight per cent para-dichlorobenzene, by weight.	3704.03(E)	Fed	CAA Section 182	Yes/SIP	No	No
3745-112-04	(J)	shall not	The VOC limits specified in paragraph (A) of rule 3745-112-03 of the Administrative Code shall not apply to adhesives sold in containers of one fluid ounce or less.	3704.03(E)	Fed	CAA Section 182	Yes/SIP	No	No
3745-112-04	(K)	shall not	The VOC limits specified in paragraph (A) of rule 3745-112-03 of the Administrative Code shall not apply to bait station insecticides.	3704.03(E)	Fed	CAA Section 182	Yes/SIP	No	No
3745-112-04	(M)	shall not	An innovative products exemption or ACP as outlined in paragraph (L) of this rule shall not be valid for use in Ohio unless all the following requirements are met:	3704.03(E)	Fed	CAA Section 182	Yes/SIP	No	No

3745-112-04	(N)	shall	Any submittal made pursuant to paragraph (M)(4) of this rule shall be sent to the director and the envelope or package shall be labeled as follows:	3704.03(E)	Fed	CAA Section 182	Yes/SIP	No	No
3745-112-04	(N)	shall	Any submittal made pursuant to paragraph (M)(4) of this rule shall be sent to the director and the envelope or package shall be labeled as follows:	3704.03(E)	Fed	CAA Section 182	Yes/SIP	No	No
3745-112-05	(A)(1)	shall	Each manufacturer of a consumer product subject to rule 3745-112-03 of the Administrative Code shall clearly display on each consumer product container...	3704.03(E)	Fed	CAA Section 182	Yes/SIP	No	No
3745-112-05	(A)(2)	shall not	A manufacturer who uses the following code to indicate the date of manufacture shall not be subject to the requirements of paragraph (B) of this rule,...	3704.03(E)	Fed	CAA Section 182	Yes/SIP	No	No
3745-112-05	(A)(3)	shall	This date or code shall be displayed on each consumer product container or package no later than January 1, 2009.	3704.03(E)	Fed	CAA Section 182	Yes/SIP	No	No
3745-112-05	(A)(4)	shall	The date or date-code information shall be located on the container or inside the cover/cap...	3704.03(E)	Fed	CAA Section 182	Yes/SIP	No	No
3745-112-05	(A)(5)	shall not	The requirements of this provision shall not apply to products containing no VOCs, or containing VOCs at 0.10 per cent, by weight, or less.	3704.03(E)	Fed	CAA Section 182	Yes/SIP	No	No
3745-112-05	(B)(3)	shall	No person shall erase, alter, deface, or otherwise remove...	3704.03(E)	Fed	CAA Section 182	Yes/SIP	No	No
3745-112-05	(C)(1)	shall	...3745-112-03 of the Administrative Code, then the lowest VOC limit shall apply.	3704.03(E)	Fed	CAA Section 182	Yes/SIP	No	No
3745-112-05	(C)(2)	shall	...for which a lower VOC content limit is specified in the table of rule 3745-112-03 of the Administrative Code, then the lowest VOC limit shall apply.	3704.03(E)	Fed	CAA Section 182	Yes/SIP	No	No
3745-112-05	(D)(1)	shall	...product subject to this chapter shall ensure that all products clearly display the following information on each product container that is manufactured on or after the effective date for the category specified in the table of rule 3745-112-03 of the Administrative Code:	3704.03(E)	Fed	CAA Section 182	Yes/SIP	No	No
3745-112-05	(D)(1)(a)	shall	The product category as specified in paragraph (A) of rule 3745-112-03 of the Administrative Code or an abbreviation of the category shall be displayed;	3704.03(E)	Fed	CAA Section 182	Yes/SIP	No	No
3745-112-05	(D)(1)(b)	shall	The applicable VOC standard for the product that is specified in the table of rule 3745-112-03 of the Administrative Code, except for energized electrical cleaner, expressed as a per cent, by weight, shall be displayed	3704.03(E)	Fed	CAA Section 182	Yes/SIP	No	No
3745-112-05	(D)(1)(b)	shall	...the product shall be labeled with the term ACP or ACP product;	3704.03(E)	Fed	CAA Section 182	Yes/SIP	No	No
3745-112-05	(D)(1)(c)	shall	If the product is classified as a special purpose spray adhesive, the applicable substrate and/or application or an abbreviation of the substrate/application that qualifies the product as special purpose shall be displayed	3704.03(E)	Fed	CAA Section 182	Yes/SIP	No	No
3745-112-05	(D)(2)	shall	The information required in paragraph (A)(1) of this rule shall be displayed on the product container such that it is readily observable...	3704.03(E)	Fed	CAA Section 182	Yes/SIP	No	No
3745-112-05	(D)(3)	shall	No person shall remove, alter, conceal, or deface the information required in paragraph (D)(1) of this rule prior to final sale of the product.	3704.03(E)	Fed	CAA Section 182	Yes/SIP	No	No
3745-112-06	(A)(8)	shall	All information from all companies shall be submitted within the timeframe specified in paragraph (A) of this rule;	3704.03(E)	Fed	CAA Section 182	Yes/SIP	No	No
3745-112-07	(A)	shall	The variance application shall set forth:	3704.03(E)	Fed	CAA Section 182	Yes/SIP	No	No
3745-112-07	(B)	shall	No variance shall be granted unless all of the following findings are made:	3704.03(E)	Fed	CAA Section 182	Yes/SIP	No	Yes
3745-112-07	(C)	shall	Any variance order shall specify a final compliance date by which the requirements of rule 3745-112-03 of the Administrative Code will be achieved. Any variance order shall contain a condition that specifies increments of progress necessary to assure timely compliance, and such other conditions that the director finds necessary.	3704.03(E)	Fed	CAA Section 182	Yes/SIP	No	Yes
3745-112-07	(C)	shall	Any variance order shall specify a final compliance date by which the requirements of rule 3745-112-03 of the Administrative Code will be achieved. Any variance order shall contain a condition that specifies increments of progress necessary to assure timely compliance, and such other conditions that the director finds necessary.	3704.03(E)	Fed	CAA Section 182	Yes/SIP	No	Yes
3745-112-08	(A)	shall	Upon the written request of the director, any manufacturer of a chemically formulated consumer product subject to the requirements of this rule shall test any of its products...	3704.03(E)	Fed	CAA Section 182	Yes/SIP	No	No
3745-112-08	(A)	shall	Such testing shall be performed utilizing the test methods specified in paragraphs (B) to (G) of this rule, as applicable.	3704.03(E)	Fed	CAA Section 182	Yes/SIP	No	No
3745-112-08	(B)	shall	Testing to determine compliance with the VOC content limitations specified in the table of rule 3745-112-03 of the Administrative Code, shall be performed using:	3704.03(E)	Fed	CAA Section 182	Yes/SIP	No	No
3745-112-08	(C)(2)	shall	For the purposes of this section, the VOC content of a product shall be calculated according to the following equation:	3704.03(E)	Fed	CAA Section 182	Yes/SIP	No	No
3745-112-08	(C)(3)	shall	...the results of CARB method 310 shall take precedence over the calculations based on product records...	3704.03(E)	Fed	CAA Section 182	Yes/SIP	No	No
3745-112-08	(D)	shall	Testing to determine whether a product is a liquid or a solid shall be performed using ASTM D4359-90(2000)e1.	3704.03(E)	Fed	CAA Section 182	Yes/SIP	No	No
3745-112-08	(E)	shall	Testing to determine distillation points of petroleum distillate-based charcoal lighter materials shall be performed using ASTM D86-05.	3704.03(E)	Fed	CAA Section 182	Yes/SIP	No	No
3745-112-01	(B)(83)	must	Such determination must be in accordance with paragraphs (L) and (M) of rule 3745-112-04 of the Administrative Code for a chemically formulated consumer product, and be issued by:	3704.03(E)	Fed	CAA Section 182	Yes/SIP	No	No
3745-112-01	(B)(95)	must	antiperspirants; or products that must be purchased with a doctor's prescription.	3704.03(E)	Fed	CAA Section 182	Yes/SIP	No	No
3745-112-03	(F)	must	Any manufacturer claiming such a certification on this basis must submit to the director a copy of the certification decision (i.e., the executive order), including all conditions established by CARB applicable to the certification.	3704.03(E)	Fed	CAA Section 182	Yes/SIP	No	No
3745-112-03	(G)(2)	must	In order to qualify as a special purpose spray adhesive the product must meet one or more of the definitions specified in rule 3745-112-01 of the Administrative Code,	3704.03(E)	Fed	CAA Section 182	Yes/SIP	No	No
3745-112-03	(G)(3)	must	All aerosol adhesives must comply with the labeling requirements specified in rule 3745-112-05 of the Administrative Code.	3704.03(E)	Fed	CAA Section 182	Yes/SIP	No	No
3745-112-03	(H)(1)	must	The label of each non-aerosol floor wax stripper must specify a dilution ratio...	3704.03(E)	Fed	CAA Section 182	Yes/SIP	No	No
3745-112-03	(H)(2)	must	If a non-aerosol floor wax stripper is also intended to be used for removal of heavy build-up of polish, the label of that floor wax stripper must specify a dilution ratio...	3704.03(E)	Fed	CAA Section 182	Yes/SIP	No	No

3745-112-05	(B)(1)	must	If a manufacturer uses a code indicating the date of manufacture, for any consumer product subject to the applicable standard specified in the table of rule 3745-112-03 of the Administrative Code an explanation of the date portion of the code must be filed with the Ohio environmental protection agency no later than January 1, 2009.	3704.03(E)	Fed	CAA Section 182	Yes/SIP	No	No
3745-112-05	(B)(2)	must	If a manufacturer changes any code indicating the date of manufacture for any consumer product subject to paragraph (B)(1) of this rule, an explanation of the modified code must be submitted to the Ohio environmental protection agency...	3704.03(E)	Fed	CAA Section 182	Yes/SIP	No	No
3745-112-05	(D)(1)(d)	must	If the manufacturer or responsible party uses an abbreviation as allowed by paragraph (D) of this rule, an explanation of the abbreviation must be filed with the director before the abbreviation is used.	3704.03(E)	Fed	CAA Section 182	Yes/SIP	No	No
3745-112-08	(B)(2)	must	An alternative method which is shown to accurately determine the concentration of VOCs in a product. Such methods must first be approved in writing by the director.	3704.03(E)	Fed	CAA Section 182	Yes/SIP	No	Yes
3745-112-08	(C)(1)	must	These records must be kept for at least five years;	3704.03(E)	Fed	CAA Section 182	Yes/SIP	No	No
3745-112-05	(B)(4)	may not	Date code explanations for codes indicating the date of manufacture are public information and may not be claimed as confidential.	3704.03(E)	Fed	CAA Section 182	Yes/SIP	No	No
3745-112-08	(C)(1)	may not	Compliance determinations based on these records may not be used unless...	3704.03(E)	Fed	CAA Section 182	Yes/SIP	No	No
3745-112-01	(B)(2)(d)	require	Reactive adhesives include adhesives that require a hardener or catalyst in order for the bond to occur.	3704.03(E)	Fed	CAA Section 182	Yes/SIP	No	No
3745-112-01	(B)(44)	requires	Double phase aerosol air freshener means an aerosol air freshener with the liquid contents in two or more distinct phases that requires the product container be shaken before use to mix the phases, producing an emulsion.	3704.03(E)	Fed	CAA Section 182	Yes/SIP	No	No
3745-112-01	(B)(80)	require	Herbicide means a pesticide product designed to kill or retard a plant's growth, but excludes products that are for agricultural use; or restricted materials that require a permit for use and possession.	3704.03(E)	Fed	CAA Section 182	Yes/SIP	No	No
3745-112-01	(B)(84)	requires	Insecticide means a pesticide product that is designed for use against insects or other arthropods, but excluding products that are: for agricultural use; or for a use which requires a structural pest control license under Chapter 901:5-11 of the Administrative Code; or restricted materials that require a permit for use and possession.	3704.03(E)	Fed	CAA Section 182	Yes/SIP	No	No
3745-112-01	(B)(84)	require	Insecticide means a pesticide product that is designed for use against insects or other arthropods, but excluding products that are: for agricultural use; or for a use which requires a structural pest control license under Chapter 901:5-11 of the Administrative Code; or restricted materials that require a permit for use and possession.	3704.03(E)	Fed	CAA Section 182	Yes/SIP	No	No
3745-112-01	(B)(137)	require	Single phase aerosol air freshener means an aerosol air freshener with the liquid contents in a single homogeneous phase and which does not require that the product container be shaken before use.	3704.03(E)	Fed	CAA Section 182	Yes/SIP	No	No
3745-112-01	(B)(139)(g)	require	Automotive engine compartment adhesive means an aerosol adhesive designed for use in motor vehicle under-the-hood applications which require oil and plasticizer resistance, as well as high shear strength, at temperatures of two hundred to two hundred seventy-five degrees Fahrenheit.	3704.03(E)	Fed	CAA Section 182	Yes/SIP	No	No
3745-112-01	(B)(140)	require	Spot remover means any product labeled to clean localized areas, or remove localized spots or stains on cloth or fabric such as drapes, carpets, upholstery, and clothing, that does not require subsequent laundering	3704.03(E)	Fed	CAA Section 182	Yes/SIP	No	No
3745-112-03	(H)(3)	required	The terms light build-up, medium build-up or heavy build-up are not specifically required , as long as comparable terminology is used.	3704.03(E)	Fed	CAA Section 182	Yes/SIP	No	No
3745-112-05	(D)(2)	required	The information required in paragraph (A)(1) of this rule shall be displayed...	3704.03(E)	Fed	CAA Section 182	Yes/SIP	No	No
3745-112-05	(D)(3)	required	No person shall remove, alter, conceal, or deface the information required in paragraph (D)(1) of this rule prior to final sale of the product.	3704.03(E)	Fed	CAA Section 182	Yes/SIP	No	No
3745-112-06	(A)	require	Upon ninety days written notice, the director may require any responsible party...	3704.03(E)	Fed	CAA Section 182	Yes/SIP	No	Yes
3745-112-06	(A)	require	If the responsible party does not have, or does not provide, the information requested by the director, the director may require the reporting...	3704.03(E)	Fed	CAA Section 182	Yes/SIP	No	Yes
3745-112-08	(G)	require	The director may require any manufacturer that is required to perform testing pursuant to paragraph (A) of this rule to provide to the director product samples that are duplicates of the samples tested.	3704.03(E)	Fed	CAA Section 182	Yes/SIP	No	Yes
3745-112-08	(G)	required	The director may require any manufacturer that is required to perform testing pursuant to paragraph (A) of this rule to provide to the director product samples that are duplicates of the samples tested.	3704.03(E)	Fed	CAA Section 182	Yes/SIP	No	No

OAC Rule #	Paragraph	Restriction	Description/Quotation	Statutory Authority	State or Fed Law?	If Fed, crosswalk?	Federally delegated program?	Removal would require state or federal law change?	Requirement on the agency or director?
3745-113-01	Intro	shall	Except as otherwise provided in this rule, the definitions in rule 3745-15-01 of the Administrative Code shall apply to this chapter:	3704.03(E)	State		No	No	
3745-113-01	(E)	shall	Exempt compound means a compound identified as exempt under the definition of VOC. Exempt compounds content of a coating shall be determined by USEPA method 24, ASTM D3960 or SCAQMD method 303-91.	3704.03(E)	State		No	No	
3745-113-01	F(2)	shall	The fire-resistive coating shall be tested in accordance with ASTM E119.	3704.03(E)	State		No	No	
3745-113-01	F(3)	shall	The fire-retardant coating shall be tested in accordance with ASTM E84.	3704.03(E)	State		No	No	
3745-113-01	R(3)	shall not	Metallic pigmented roof coatings, which qualify as metallic pigmented coatings, shall not be considered in this category, but shall be considered to be in the metallic pigmented coatings category.	3704.03(E)	State		No	No	
3745-113-01	R(3)	shall	Metallic pigmented roof coatings, which qualify as metallic pigmented coatings, shall not be considered in this category, but shall be considered to be in the metallic pigmented coatings category.	3704.03(E)	State		No	No	
3745-113-01	A(5)	must	To qualify as an antifouling coating, the coating must be registered with both USEPA under the Federal Insecticide, Fungicide and Rodenticide Act contained in 7 USC 136 to 136y and with Ohio EPA.	3704.03(E)	State		No	No	
3745-113-01	F(2)	must	The fire-resistive coating and the testing agency must be approved by building code officials.	3704.03(E)	State		No	No	
3745-113-01	F(3)	must	The fire-retardant coating and the testing agency must be approved by building code officials.	3704.03(E)	State		No	No	
3745-113-01	N(4)	must	These coatings must be resistant to long-term (service life) cumulative radiation exposure [ASTM method D4082], relatively easy to decontaminate, and resistant to various chemicals to which the coatings are likely to be exposed [ASTM method D3912].	3704.03(E)	State		No	No	
3745-113-01	S(7)	require	Solicit means to require for use or to specify, by written or oral contract.	3704.03(E)	State		No	No	
3745-113-03	A	shall	On or after January 1, 2009, any person subject to this chapter in accordance with rule 3745-113-02 of the Administrative Code shall ensure that the AIM coatings meet the following limits:	3704.03(E)	State		No	No	
3745-113-03	A(2)	shall	... any representation is made that indicates that the coating meets the definition of or is recommended for use for more than one of the coating categories listed in the table of paragraph (A) of this rule, then the most restrictive VOC content limit shall apply.	3704.03(E)	State		No	No	
3745-113-03	B	shall	All AIM coating containers used to apply the contents therein to a surface directly from the container by pouring, siphoning, brushing, rolling, padding, ragging, or other means, shall be closed when not in use.	3704.03(E)	State		No	No	
3745-113-03	B	shall	Containers of any VOC-containing materials used for thinning and cleanup shall also be closed when not in use.	3704.03(E)	State		No	No	
3745-113-03	C	shall	No person who applies or solicits the application of any AIM coating shall apply a coating that is thinned to exceed the applicable VOC limit specified in the table of paragraph (A)(3) of this rule.	3704.03(E)	State		No	No	
3745-113-03	D	shall	No person shall apply or solicit the application of any rust preventive coating for industrial use, unless such a rust preventive coating complies with the industrial maintenance coating VOC limit specified in the table of paragraph (A)(3) of this rule.	3704.03(E)	State		No	No	
3745-113-03	D	shall	No person shall sell or offer for sale any rust preventative coating for application to any nonmetallic substrate, nor shall any person apply a rust preventative coating to any nonmetallic substrate.	3704.03(E)	State		No	No	
3745-113-03	D	shall	No person shall sell or offer for sale any rust preventative coating for application to any nonmetallic substrate, nor shall any person apply a rust preventative coating to any nonmetallic substrate.	3704.03(E)	State		No	No	
3745-113-03	E	shall	For any coating that does not meet any of the definitions for the specialty coatings categories listed in the table of paragraph (A) of this rule, the VOC content limit shall be determined by classifying the coating as a flat coating, non-flat coating, or non-flat-high-gloss coating as defined in paragraphs (D), (L)(2), and (M)(1) of rule 3745-113-01 of the Administrative Code and the corresponding flat or non-flat coating limit shall apply.	3704.03(E)	State		No	No	
3745-113-03	E	shall	For any coating that does not meet any of the definitions for the specialty coatings categories listed in the table of paragraph (A) of this rule, the VOC content limit shall be determined by classifying the coating as a flat coating, non-flat coating, or non-flat-high-gloss coating as defined in paragraphs (D), (L)(2), and (M)(1) of rule 3745-113-01 of the Administrative Code and the corresponding flat or non-flat coating limit shall apply.	3704.03(E)	State		No	No	
3745-113-03	A(3)	required	This paragraph does not apply to any coating that does not display the date or date code required by paragraph (A) of rule 3745-113-04 of the Administrative Code.	3704.03(E)	State		No	No	
3745-113-04	A	shall	Effective January 1, 2009, each manufacturer of any AIM coatings subject to this rule shall display the following information on the coating container (or label) in which the coating is sold or distributed:	3704.03(E)	State		No	No	
3745-113-04	A(1)	shall	Date code: The date the coating was manufactured, or a date code representing the date, shall be indicated on the label, lid, or bottom of the container.	3704.03(E)	State		No	No	
3745-113-04	A(1)	shall	If the manufacturer uses a date code for any coating, the manufacturer shall file an explanation of each code with the director.	3704.03(E)	State		No	No	
3745-113-04	A(2)	shall	Thinning recommendations: A statement of the manufacturer's recommendation regarding thinning of the coating shall be indicated on the label or lid of the container.	3704.03(E)	State		No	No	
3745-113-04	A(2)	shall	If thinning of the coating prior to use is not necessary, the recommendation shall specify that the coating is to be applied without thinning.	3704.03(E)	State		No	No	
3745-113-04	A(3)	shall	VOC content: Each container of any coating subject to this rule shall display either the maximum or the actual VOC content of the coating, as supplied, including the maximum thinning as recommended by the manufacturer.	3704.03(E)	State		No	No	
3745-113-04	A(3)	shall	VOC content shall be displayed in grams of VOC per liter of coating.	3704.03(E)	State		No	No	
3745-113-04	A(3)	shall	VOC content displayed shall be calculated using product formulation data, or shall be determined using the test methods in paragraph (A)(2) of rule 3745-113-06 of the Administrative Code.	3704.03(E)	State		No	No	
3745-113-04	A(3)	shall	VOC content displayed shall be calculated using product formulation data, or shall be determined using the test methods in paragraph (A)(2) of rule 3745-113-06 of the Administrative Code.	3704.03(E)	State		No	No	
3745-113-04	A(3)	shall	The equations in paragraph (A)(1) of rule 3745-113-06 of the Administrative Code shall be used to calculate VOC content.	3704.03(E)	State		No	No	

3745-113-04	A(4)	shall	The label or the lid of the container in which the coating is sold or distributed shall display one or more of the following descriptions:	3704.03(E)	State		No	No	
3745-113-04	A(5)	shall	The labels of all clear brushing lacquers shall prominently display the statements "For brush application only," and "This product must not be thinned or sprayed."	3704.03(E)	State		No	No	
3745-113-04	A(6)	shall	The labels of all rust preventive coatings shall prominently display the statement "For metal substrates only."	3704.03(E)	State		No	No	
3745-113-04	A(7)	shall	The labels of all specialty primers, sealers, and undercoaters shall prominently display one or more of the following	3704.03(E)	State		No	No	
3745-113-04	A(8)	shall	The labels of all quick dry enamels shall prominently display the words "Quick Dry" and the dry hard time.	3704.03(E)	State		No	No	
3745-113-04	A(9)	shall	The labels of all non-flat -high-gloss coatings shall prominently display the words "High Gloss."	3704.03(E)	State		No	No	
3745-113-04	A(10)	shall	The labels of all clear topcoat faux finishing coatings shall prominently display the statement "This product can only be sold or used as part of a faux finishing coating system."	3704.03(E)	State		No	No	
3745-113-04	A(5)	must	The labels of all clear brushing lacquers shall prominently display the statements "For brush application only," and "This product must not be thinned or sprayed."	3704.03(E)	State		No	No	
3745-113-05	A	shall	Each manufacturer of a product subject to a VOC content limit in paragraph (A)(1) of rule 3745-113-03 of the Administrative Code, shall keep records demonstrating compliance with the VOC content limits.	3704.03(E)	State		No	No	
3745-113-05	A	shall	Such records shall clearly list each product by name (and identifying number, if applicable) as shown on the product label and in applicable sales and technical literature, the VOC content as determined in rule 3745-113-06 of the Administrative Code, the name and chemical abstract service (CAS) number of the VOC constituents in the product, the dates of the VOC content determinations, and the coating category and the applicable VOC content limit.	3704.03(E)	State		No	No	
3745-113-05	A	shall	These records shall be kept for a period not less than five years and shall be made available to the director within ninety days of request.	3704.03(E)	State		No	No	
3745-113-05	A	shall	These records shall be kept for a period not less than five years and shall be made available to the director within ninety days of request.	3704.03(E)	State		No	No	
3745-113-05	B	shall	A responsible official from each manufacturer shall upon request of the director, provide data concerning the distribution and sales of coatings subject to a VOC content limit in paragraph (A)(1) of rule 3745-113-03 of the Administrative Code.	3704.03(E)	State		No	No	
3745-113-05	B	shall	The responsible official shall within ninety days provide information including, but not limited to the following:	3704.03(E)	State		No	No	
3745-113-06	A	shall	For the purpose of determining compliance with the VOC content limits in the table of paragraph (A)(1) of rule 3745-113-03 of the Administrative Code, the VOC content of a coating shall be determined by using the procedures described in paragraph (A)(1)(a) or (A)(1)(b) of this rule, as appropriate.	3704.03(E)	State		No	No	
3745-113-06	A	shall	The VOC content of a tint base shall be determined without colorant that is added after the tint base is manufactured.	3704.03(E)	State		No	No	
3745-113-06	A (2)	shall	The exempt compounds content shall be determined by SCAQMD method 303-91 (Revised August 1996).	3704.03(E)	State		No	No	
3745-113-06	A(4)	shall	Analysis of methacrylate multi-component coatings used as traffic marking coatings shall be conducted according to a modification of USEPA method 24 contained in 40 CFR 59, Subpart D, Appendix A.	3704.03(E)	State		No	No	
3745-113-06	A(2)	require	The director may require the manufacturer to conduct an analysis using USEPA method 24.	3704.03(E)	State		No	No	Yes

OAC Rule #	Paragraph	Restriction	Description/Quotation	Statutory Authority	State or Fed Law?	If Fed, crosswalk?	Federally delegated program?	Removal would require state or federal law change?	Requirement on the agency or director?
3745-114-01	A	require	the director may require a permit-to-install, issued in accordance with Chapter 3745-31 of the Administrative Code, for any new or modified air contaminant sources that emit a toxic air contaminant...	3704.03(F)	state required		no	yes - state	