



COMPLIANCE & PREVENTION

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New Boiler Rules

On March 21, 2011, the U.S. EPA issued the National Emission Standards for Hazardous Air Pollutants (NESHAP) Subpart JJJJJJ or "6J". The rule limits emissions of hazardous air pollutants (HAP) from existing and new industrial, commercial and institutional boilers that burn coal, biomass or oil. The rule does not apply to hot water heaters, research and development boilers or boilers that burn only natural gas.

The regulation applies to facilities that are considered "area" or non-major sources of HAP. Requirements for boilers vary depending on the size of the boiler, the type of fuel used, and whether the boiler is considered new or existing. Existing boilers are those constructed or reconstructed on or before June 4, 2010. Boilers are considered new if you began construction or reconstruction after June 4, 2010.

If you have existing oil-fired or biomass-fired boilers 10 million Btu per hour or greater, the rule requires you to conduct an energy assessment. For smaller boilers, the rule requires work practices and a biennial performance tune-up. Coal-fired and large new boilers have more stringent emission standards.

Compliance deadlines vary and depend on specific requirements. The compliance deadline for existing smaller boilers subject to work practices, including the tune-up, is March 21, 2012. Existing boilers subject to energy assessments or to emission and operating limits have a deadline of March 21, 2014. New boilers must achieve compliance by May 20, 2011, or upon startup.

All facilities with boilers subject to these requirements need to submit an *Initial Notification* report to U.S. EPA by September 2011. For more information, visit www.epa.gov/ttn/atw/boiler/boilerpg.html.

KEY POINTS FROM THIS ISSUE

- ☑ NESHAP 6J issued March 21
- ☑ NESHAP 6X due July 25

Attention Metal Parts Manufacturers: July 25 Deadline

If your facility manufactures metal parts and is subject to the National Emissions Standards for Hazardous Air Pollutants (NESHAP) Subpart XXXXXX or "6X", you must submit an *Initial Notification* report to U.S. EPA and be in compliance with the rule by July 25, 2011. New facilities, for instance, those built and operated after April 3, 2008 must already be in compliance with the rule.



This federal rule applies to facilities with specific SIC and NAICS codes that perform welding, dry abrasive blasting, dry machining, dry grinding/polishing and surface

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coating operations. The rule requires you to control and minimize particulate (dust) emissions from your operations and to follow best management practices.

U.S. EPA prepared applicability flowcharts, example *Initial Notification* forms, frequently asked questions and other guidance to help industries understand and comply with the rule. For these materials, visit www.epa.gov/ttn/atw/area/arearules.html.

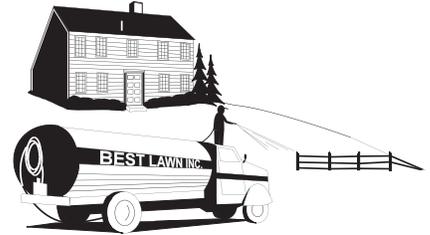
Who Do I Call?

Small businesses interact with many regulatory entities, including Ohio EPA. With so many government agencies, it can be difficult to determine who handles a particular issue. Ohio EPA often receives comments or questions about environmental issues that we can't address because the laws give that authority to other agencies. The purpose of this article is to help small businesses contact the appropriate regulatory entity on their environmental issues.



Ohio Department of Agriculture - (614) 728-6201 - www.agri.ohio.gov

- Food safety
- Permitting of concentrated animal feeding operations
- Pesticide and fertilizer application



Ohio Department of Commerce, State Fire Marshal Division - (800) 686-2878 - www.com.ohio.gov/fire/

- Underground petroleum storage tanks and containment systems

Ohio Department of Health - (614) 466-3543 - www.odh.ohio.gov

- Indoor air pollution (lead, mold, carbon monoxide)
- Issuance of health advisories
- Asbestos abatement certification and licensing
- Residential septic systems (contact local health department)
- Residential wells (contact local health department)
- Radon outreach and licensing
- Water bacteria levels at local beaches
- West Nile virus (carried by mosquitoes)
- Bed bugs
- Radiation protection

Ohio Department of Natural Resources (ODNR) - (614) 265-6565 - www.ohiodnr.com/

- Mining permits
- Oil and gas operations
- Shale development
- Recycling
- State parks
- Stream litter
- Well water draw-down



Public Utilities Commission of Ohio (PUCO) - (800) 686-7826 - www.puco.ohio.gov

- Registered hazardous waste or hazardous material transporters (HAZMAT carrier search)
- Biomass energy

U.S. EPA - www.epa.gov

- Gasoline fuels
- Lead paint
- Ozone layer depletion/refrigerant and air conditioning technician certification
- PCBs
- Pesticides
- Superfund
- Indoor air quality

Municipal or Township Administration - Refer to Ohio Municipal League (www.omlo.org), (800) 561-3597 and Ohio Township Association (www.cpmra.muohio.edu/OTA/OHIO/), (614) 863-0045 for local contact information.

- Zoning code enforcement

MillerCoors Zero Landfill Efforts Exceed Goal

In 2008, the MillerCoors plant in Trenton, Ohio, drafted a five-year plan to minimize the 56 tons of waste going to the Rumpke Sanitary Landfill each month. Within 23 months, their efforts have cut the amount of waste to just 10 tons per month, which they send to a waste-to-energy incinerator near Indianapolis. Most of this was achieved through source separation. Many waste streams at MillerCoors are recycled, but others are reused in interesting ways outside the brewery. For example, spent grain from brewing is sent to local farms to be used as animal feeds. The company also uses recycled glass mulch outside the front entrance as landscaping cover.

In 2010, MillerCoors recycled 135 tons of paper; 1,572 tons of cardboard; 208 tons of plastic; and 286 tons of aluminum. Recycling these and other materials prevented 5,224 metric tons of greenhouse gas emissions. The recycling efforts also saved more than 12 million kilowatt-hours of electricity. This is enough to power more than 12,000 homes per month.

For more information on MillerCoors zero landfill and sustainability efforts in Trenton, contact Kelly Harris, Sustainable Development Coordinator, at (513) 844-4825 or Kelly.Harris@millercoors.com.

Director Visits Residential Solar Installation

Ohio EPA Director Scott J. Nally visited a solar home in New Carlisle on April 22 to highlight the benefits of alternative energy.



"Since today is Earth Day, I wanted to demonstrate how alternative energy projects can have a positive effect on the environment and the economy in Ohio," Nally said. "The alternative energy industry is creating jobs and energy saving opportunities in our state and Ohio EPA will continue to promote this effort."

The solar home is owned by John and Alycia Lee, who recently installed a 7.4 kilowatt solar system consisting of 40 solar panels. It will produce almost 9,000 kilowatt-hours of clean energy each year.

Ohio Hospital Association's P2 University



The Ohio Hospital Association (OHA) recently held its P2 University session on April 6 at Atrium Medical Center in Middletown. The event allows medical personnel experienced in waste reduction and recycling to

train other medical personnel to complete these activities at their facilities.

The training includes a department-by-department review of waste-generating activities; an analysis of ways less waste can be generated; ways that generated waste can be recycled or properly treated and/or disposed; and the economic feasibility of different reduction/recycling alternatives. The training also reviews regulatory aspects of these activities and ways medical facilities can monitor and evaluate the results of their efforts.

To learn more about OHA's P2 University, visit www.ohanet.org/Narrative/P2_University.

Compliance and Prevention Quarterly cost saving information – If half of all Quarterly readers received the newsletter electronically, we could save nearly \$1,000 worth of printing costs each quarter. Plus, it's good for the environment! To receive an electronic copy, please send your e-mail address* to Dave Foulkes at dave.foulkes@epa.ohio.gov or call (800) 329-7518.

*Please include 'Compliance and Prevention Quarterly' in the subject line.

Need Help?

Ohio EPA's Office of Compliance Assistance and Pollution Prevention is a non-regulatory program and one-stop location for information about environmental requirements, compliance concerns and pollution prevention. Services are free. Contact us at (800) 329-7518 or (614) 644-3469. Visit us at www.epa.ohio.gov/ocapp.

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