

### Autumn 2013

#### U.S. EPA Modifies Solvent-Contaminated Wipes Rule

U.S. EPA has modified the hazardous waste management regulations for solvent-contaminated wipes under the Resource Conservation and Recovery Act (RCRA). Specifically, this rule revises the definition of solid waste to conditionally exclude solvent-contaminated wipes that are cleaned and reused and revises the definition of hazardous waste to conditionally exclude solvent-contaminated wipes that are disposed. The purpose of this final rule is to provide a consistent regulatory framework that is appropriate to the level of risk posed by solvent-contaminated wipes in a way that maintains protection of human health and the environment, while reducing overall compliance costs for industry, many of which are small businesses.

The rule excludes wipes that are contaminated with solvents listed as hazardous wastes under RCRA that are cleaned or disposed of properly. To be excluded, solvent-contaminated wipes must be managed in closed, labeled containers and cannot contain free liquids when sent for cleaning or disposal. Additionally, facilities that generate solvent-contaminated wipes must comply with certain recordkeeping requirements and may not accumulate wipes for longer than 180 days. **This final rule is effective on Jan. 31, 2014, only in states that do not have RCRA authorization.**

Since Ohio is a RCRA-authorized state, the rule will not be effective until a state rule is adopted and effective. **Ohio EPA anticipates rule adoption to be effective summer 2014.** For information on Ohio EPA's current guidance on the management of solvent-contaminated wipes, go to page 7 of the *Spring 2006 Notifier* at [www.epa.ohio.gov/portals/32/pdf/NotifierSpring06.pdf](http://www.epa.ohio.gov/portals/32/pdf/NotifierSpring06.pdf).

For more information about U.S. EPA's modified rule, visit [www.epa.gov/epawaste/hazard/wastetypes/wasteid/solvents/wipes.htm](http://www.epa.gov/epawaste/hazard/wastetypes/wasteid/solvents/wipes.htm).

To keep updated on Ohio EPA's rulemaking activities and other information, visit <http://ohioepa.custhelp.com/ci/documents/detail/2/subscriptionpage>.

#### Refresher Training Required for U.S. EPA 6H Rule

The Jan. 10, 2011, deadline for complying with U.S. EPA's National Emissions Standards for Paint Stripping and Miscellaneous Surface Coating Operations, or the "6H rule," has long passed. The rule applies to body shops and other facilities that spray-apply coatings that contain chromium, lead, manganese, nickel or cadmium to metal or plastic substrates. In addition to filtered paint booths, HVLP-equivalent guns and non-atomized gun cleaning, the rule requires all painting personnel to be trained on proper spray gun and booth operation, spray techniques and rule compliance.



The 6H rule specifies that painter training or certification is good for up to five years, and painters must undergo refresher training at five-year intervals. Affected facilities may have painters who completed their initial training well in advance of the 6H compliance date. This is a reminder to shop owners and operators that all painting personnel must have painter training certifications on file that are no more than five years old. For more information, contact OCAPP at (800) 329-7518 or go to [www.epa.ohio.gov/ocapp/auto\\_body.aspx](http://www.epa.ohio.gov/ocapp/auto_body.aspx).

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## New Resources Available for Boiler Area Source NESHAP

U.S. EPA Region I, in coordination with headquarters and the other regional offices, developed a Q&A document for the Area Source Boiler NESHAP. The Q&A document can be found at [www.epa.gov/ttn/atw/boiler/imptools/20130725qa.pdf](http://www.epa.gov/ttn/atw/boiler/imptools/20130725qa.pdf).



Presentations from the U.S. EPA Region I Area Source Boiler NESHAP webinars held in June 2013 are located at [www.epa.gov/boilercompliance/r1webinarJune25and27-13.pdf](http://www.epa.gov/boilercompliance/r1webinarJune25and27-13.pdf) and [www.epa.gov/boilercompliance/EPARegionIWebinarforEnergyAssessorsJune5-13.pdf](http://www.epa.gov/boilercompliance/EPARegionIWebinarforEnergyAssessorsJune5-13.pdf).

## New Reg Nav Tool Explains Stationary Engine Rule



U. S. EPA has released a new Regulation Navigation Tool, known as "Reg Nav", for owners and operators of internal combustion engines subject to the Stationary Spark Ignited and

Compression Ignition Internal Combustion Engine NSPS rules (subparts JJJJ and IIII). The tool asks a series of questions, which produces a printout of the regulatory requirements for a specific engine. The tool can be found at [www.epa.gov/ttn/atw/icengines/imp.html](http://www.epa.gov/ttn/atw/icengines/imp.html).

## Ohio EPA Accepting Nominees for Environmental Excellence Award

Ohio EPA is accepting applications for the new gold-level award in its environmental recognition program. The Encouraging Environmental Excellence (E3) program distinguishes Ohio businesses and other organizations with acknowledgement for completing environmentally beneficial activities, and serves as an incentive to commit to ongoing environmental stewardship. Nominations may be submitted at any time since the application cycle is continual. Once at the gold level, membership duration lasts for three years before the business needs to reapply.

The gold level is the most prestigious recognition level of the E3 program and recognizes businesses and others that exceed regulatory compliance obligations and commit to long-term strategies to reduce waste, lower emissions and improve environmental performance. Any Ohio business of any size may apply. It must have a good environmental

compliance record and have completed above average environmental stewardship activities.

Nominations are evaluated using 15 environmental stewardship criteria developed by Ohio EPA. Nominations may be self-submitted or submitted by a second party. The goal of environmental stewardship is to reduce the impact business activities have on the environment. Businesses that go beyond measures required by any permit or rule produce a better environment, conserve natural resources and produce an economic benefit in the long term.



Gold-level recognition includes:

- E3 flag to hang at a recipient's facility;
- Ohio EPA news release highlighting the entity's environmental accomplishments;
- Invitation to an awards ceremony and possibly a site visit by the Ohio EPA director;
- Report to highlight each recipient's proactive approach to environmental stewardship;
- An opportunity to work with Ohio EPA on regulatory and permitting flexibility options such as expedited permit review, reporting flexibility and reduced inspection frequency; and
- Invitation to the annual member's meeting with the Ohio EPA director.

To date, six facilities have been recognized at the silver level and 11 have been recognized at the bronze level.

To learn more about applying for recognition under the E3 program, visit [www.epa.ohio.gov/ohioe3.aspx](http://www.epa.ohio.gov/ohioe3.aspx), or contact OCAPP at (800) 329-7518. To view a video about the program on Ohio EPA's YouTube Channel, visit <http://youtu.be/Oo3yymuZl2Q>.

## Six Receive Bronze-Level Recognition in Encouraging Environmental Excellence Program

The bronze level of the Encouraging Environmental Excellence (E3) program recognizes organizations committed to environmental excellence by reducing waste, improving efficiency and working continuously to improve as an environmental steward. Recognition provides Ohio businesses and other organizations with credit for completing environmentally beneficial activities, and an incentive to commit to future environmental stewardship efforts.

Bronze-level participants must demonstrate significant progress in one of the following main criteria:

- Impact to the Environment (toxics and/or waste reduction); and/or
- Resource Conservation

Bronze-level participants must also demonstrate some level of progress in at least six of the additional criteria and submit a general statement regarding their environmental compliance standing.

Recently, six companies were recognized as a bronze-level participant in the E3 program.

*Pioneer Automotive Technologies, Inc. – Springboro*

Pioneer Automotive Technologies, Inc., in Springboro is recognized for improving environmental performance with recycling efforts that focused on innovative Styrofoam recycling. The company realized annual cost savings of around \$16,000. Over five years, the “zero waste initiative” reduced the number of times they needed to empty their dumpsters each year from 65 to 2. New machinery was acquired to press waste Styrofoam into ingots that are sold and recycled. Approximately 173,000 pounds of Styrofoam has been recycled to date.

*U.S.T. Environmental Contractor, Inc. – Baltimore*

U.S.T. is recognized for its material exchange service. Industrial customers help them find other businesses that can reuse or recycle their excess or unneeded materials. The program has been operating for just over six months and has already diverted more than 200 tons from disposal to recycling or reuse. Materials include PVC virgin product, plate glass and cleaning products. Material is recycled for free; in certain cases where the material has value, the earnings are paid back to the customer. Further, U.S.T. has been able to direct pallets of unused cleaning products to Habitat for Humanity, which strengthens the local community. Employee involvement and management commitment has made the program an initial success.

*Cincinnati Marathon, Inc. – Cincinnati*

Cincinnati Marathon is recognized for reducing the environmental footprint of its Cincinnati Flying Pig Marathon event. The marathon started its recycling efforts in 2010 with just 0.057 percent of waste diverted from the landfill. The recycling program has been expanded each year, reaching a landfill diversion rate of more than 65 percent in 2013. The recycling program is coordinated by a Green Committee and implemented by Green Team volunteers. The event received certification as a Green Event by the Council for Responsible Sport and has used the credits outlined in its certification as a guide for sustainability efforts. The event has a training program for volunteers to

improve their efforts and uses social media to share their greening efforts. A section of their Health and Fitness Expo is devoted to the “Greening of the Pig,” which informs the public of sustainable practices. In addition, the Cincinnati Flying Pig Marathon raised more than \$1.2 million for over 300 national and local charities in 2013.

*Agmet, LLC – Oakwood Village and Maple Heights*

Agmet is recognized for its efforts to reduce manufacturing waste generated by its Oakwood and Maple Heights facilities while increasing the amount of materials processed. Agmet has reduced outgoing trash and debris from 1.36 percent of the materials accepted for processing in 2011 to 0.28 percent in 2013. Agmet is working with other recyclers and waste companies to develop programs and identify methods to achieve its goal of 100 percent recycling of all incoming materials by 2015.

*USA Lamp & Ballast Recycling, Inc. – Cincinnati*

USA Lamp is recognized for the improvements it has made to its recycling process that reduce impacts to the environment. The company is currently implementing a new process to remove glass fines from its reclaimed phosphor powder, which is then used in the manufacturing of new lamps. The company recently acquired a state-of-the-art machine to shred and separate certain materials allowing for a higher recovery rate to create a more sustainable process.

*Bridgestone Research – Akron*

Bridgestone Americas Center for Research and Technology is recognized for its resource conservation efforts that include repurposing spent solvents to achieve small quantity generator status, recycling 26.8 tons of cardboard and paper, reducing electricity use by 20 percent, reducing air emissions by 99 percent and reducing water use by 59 percent.

For more information about the Encouraging Environmental Excellence program, visit [www.epa.ohio.gov/ohioE3.aspx](http://www.epa.ohio.gov/ohioE3.aspx) or call OCAPP at (800) 329-7518.

## U.S. EPA Expands List of Safer Chemical Ingredients

U.S. EPA recently added more than 130 chemicals to its Safer Chemical Ingredients List. For the first time, 119 chemicals that use fragrance for commercial and consumer cleaning products have been added to the list.



The list, which now contains 602 chemicals, serves as a resource for manufacturers interested in making safer products; health and environmental advocates seeking to

encourage the use of safer chemicals; and consumers seeking information on the ingredients in safer chemical products. It also serves as a guide for Design for the Environment (DfE) labeled products, which must meet U.S. EPA's rigorous, scientific standards for protecting human health and the environment.

More than 2,500 products are certified under the DfE Standard for Safer Products including all-purpose cleaners, laundry and dishwasher detergents, window cleaners, car and boat care and many other products. The Safer Chemical Ingredients list was created in September 2012 and U.S. EPA continues to update the list with additional fragrances and chemicals. For more information on the Safer Chemical Ingredients List, visit [www.epa.gov/dfe/saferingredients.htm](http://www.epa.gov/dfe/saferingredients.htm).

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](mailto:dave.foulkes@epa.ohio.gov) or call (800) 329-7518.

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

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### 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](http://www.epa.ohio.gov/ocapp).

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