

## USEPA Updates

### Proposed National Emission Standards for Hazardous Air Pollutants Area Source Standards for Nine Metal Fabrication and Finishing Sources

The United States Environmental Protection Agency (USEPA) has proposed National Emission Standards for Hazardous Air Pollutants (NESHAP) for nine metal fabrication and finishing sources.

This rule proposes emission standards in the form of management practices and equipment standards for new and existing operations of **dry abrasive blasting, machining, dry grinding and dry polishing with machines, spray painting** and other **spray coating**, and **welding operations**. According to USEPA, these proposed standards reflect USEPA's determination regarding the generally achievable control technology (GACT) and/or management practices for the nine area source categories.

USEPA estimates that 5,800 metal fabrication and finishing area source facilities are currently operating in the U.S. The analyses of 2002 U.S. Census data also indicates that more than 90% of the metal fabrication and finishing area source categories is comprised of small businesses, based on the Small Business Administration definition. A majority of the metal fabrication and finishing area source facilities are estimated to be in urban areas.

For a more information from USEPA contact Dr. Donna Lee Jones, US Environmental Protection Agency, telephone number: (919) 541-5251; fax number: (919) 541-3207; e-mail address: [jones.donnalee@epa.gov](mailto:jones.donnalee@epa.gov).

### New Standards on Paint Stripping and Surface Coating Operations

On January 9, 2008, the United States Environmental Protection Agency (USEPA) adopted final rules for Paint Stripping and Miscellaneous Surface Coating operations at area sources. Area sources, which are typically small businesses, are sources that emit less than 10 tons per year (tpy) or less of any single hazardous air pollutant (HAP) or 25 tpy or less of any combination of HAP. There are two separate operations that are impacted by this rule:

paint stripping operations that use Methylene Chloride (MeCl) and surface coating operations. **Paint stripping operations** that use (MeCl) must follow best management practices and evaluate their operations to minimize the use of MeCl. If they use more than one ton per year (TPY) of MeCl they must develop a written plan and post the plan wherever MeCl is used.

**Surface coating operations**, including **collision repair and autobody repair shops**, must meet the requirements established in this rule. This includes implementing equipment and management practices that minimize coating usage and that capture toxic particulates. Targeted toxic particulates include: cadmium, chromium, lead, manganese, and nickel.

Management practices that may be used to comply with these rules include:

- confining spray operations in a filtered booth/preparation station,
- using high-volume, low-pressure guns, and
- cleaning spray guns manually or in an enclosed gun washer.

The rule **includes training and certification requirements** for area sources. New sources have 180 days from the date of hiring personnel, or July 7, 2008 whichever is later, to train and certify personnel. Existing sources must have all personnel trained and certified no later than 180 days after hiring or no later than January 10, 2011, whichever is later. Training and certification is valid for five years, and the rule requires that all staff receive refresher training and be recertified every five years.

For more information on this rule you may contact USEPA Region 5 at 312-886-6812.

### **REMINDER: Annual Emissions Reports are due May 1, 2008**

Reports should be sent to the Illinois Environmental Protection Agency at:  
Division of Air Pollution Control  
Air Quality Planning Section (#39)  
1021 North Grand Avenue East  
PO Box 19276  
Springfield, Illinois 62794-9276

## **Additional Recent USEPA Actions**

Due to staffing limitations, the Clean Air Clips have not been published since the Winter 2006 issue. Erin Conley has recently joined the Small Business Environmental Assistance Program and has resumed publication of the Clean Air Clips on a quarterly basis. While the Clean Air Clips were on a break, USEPA has continued to adopt National Emission Standards for Hazardous Air Pollutants (NESHAP) that may impact small businesses. The following is a brief summary of rulemakings that may impact you. You can find a more detailed description of these and other recent rulemakings at <http://www.epa.gov/ttn/oarpg/t3pfpr.html>. For more information on any of these adopted rules you may contact USEPA Region 5 at 312-886-6812.

You may also contact the Small Business Environmental Assistance Program at 800/252-3998 (TDD: 800/785-6055) or via e-mail at [dceo.sbeap@illinois.gov](mailto:dceo.sbeap@illinois.gov)

### **NESHAP for Halogenated Solvent Cleaning Operations**

This rule has been revised to include new emission limits of methylene chloride (MC), trichloroethylene (TCE) and perchloroethylene (PCE) from facilities engaged in halogenated solvent cleaning and that are subject to 40 CFR 63 Subpart T. Annual emissions of PCE, TCE, and MC are determined based on records of the amounts and dates of the solvents added to cleaning machines during the year, the amounts and dates of solvents removed from cleaning machines during the year, and the amounts and dates of the solvents removed from cleaning machines in solid waste. Records of the calculation sheets showing how the annual emissions were determined must be maintained.

### **NESHAP for the Clay Ceramics Manufacturing, Glass Manufacturing, and Secondary Nonferrous Metals Processing area source categories**

This rule imposes emissions standards that are intended to reflect the generally available control technology or management practices used by sources within the respective area source category. Impacted businesses include:

- Facilities that manufacture ceramic wall and floor tile, vitreous plumbing fixtures, sanitary ware, vitreous china tableware and kitchenware, and/or pottery.
- Area source facilities that manufacture flat glass, glass containers, and other pressed and blown glass and glassware.
- Area source brass and bronze ingot making, secondary magnesium processing or secondary zinc processing plants that melt post-consumer nonferrous metal scrap to make products, including bars, ingots, and blocks, or metal powders.

### **Standards of Performance for Stationary Spark Ignition Internal Combustion Engines and NESHAP for Reciprocating Internal Combustion Engines**

USEPA adopted new source standards of performance for stationary spark ignition internal combustion engines and adopted NESHAP for new and reconstructed stationary reciprocating internal combustion engines that either are located at area sources of hazardous air pollutant emissions or that have a site rating of less than or equal to 500 brake horsepower and are located at major sources of hazardous air pollutant emissions. The compliance date for new sources is July 1, 2008. USEPA has yet to adopt standards for existing sources.

### **NESHAP for Hospital Sterilizers**

USEPA adopted standards to reduce the emissions of ethylene oxide from hospital sterilizer and regulate these sterilizers as area sources. The rule requires hospitals to implement management practices to reduce their emissions of ethylene oxides. The owner or operator of an existing hospital must comply with the final rule by December 29, 2008. The owner or operator of a new hospital must comply with the final rule by December 28, 2007 or upon initial startup, whichever is later.

## **Attention Gasoline Bulk Terminals, Bulk Plants, and Pipeline Facilities**

USEPA has finalized rules for existing and new Gasoline Distribution Bulk Terminals, Bulk Plants, and Pipeline Facilities. Mailings were sent to potentially impacted facilities recently, and **initial notification** must be sent to the Illinois Environmental Protection Agency and USEPA Region 5 by **May 9, 2008**.

### **Biodiesel Fuel Quality & Pump Labeling Seminars**

Back by popular demand, the Small Business Environmental Assistance Program at the Department of Commerce & Economic Opportunity is hosting four statewide seminars on biodiesel fuel quality & pump labeling. Topics include the new Illinois pump labeling law, cold flow characteristics and additives, proper techniques for storage and handling, and ASTM updates. The featured speaker is Hoon Ge, a consultant with MEG Corporation. His company was selected to administer the national 1-800-BIODIESEL hotline where experts advise consumers and other industry members on issues related to biodiesel use.

Workshops are from 10:00 – 2:30, have a \$20 registration fee, and are located as follows:

#### **Tuesday, June 3, 2008**

Lisle Hyatt Regency  
1400 Corporate Drive  
Pavilion Room  
Lisle, Illinois  
630-852-1234  
[www.lisle.hyatt.com](http://www.lisle.hyatt.com)

#### **Wednesday, June 4, 2008**

Stoney Creek Inn  
Room Salon A  
101 18<sup>th</sup> Street  
Moline, IL 61265  
309-524-1159  
[www.stoneycreekinn.com](http://www.stoneycreekinn.com)

#### **Wednesday, June 11, 2008**

Gateway Center  
One Gateway Drive  
Collinsville, IL 62234  
618/345-8998  
[www.gatewaycenter.com](http://www.gatewaycenter.com)

#### **Thursday, June 12, 2008**

Doubletree Hotel & Conference Center  
10 Brickyard Drive  
Bloomington, IL 61701  
309-664-6446  
[www.thedoubletree.com](http://www.thedoubletree.com)

To obtain registration information, call 800-252-3998 or visit the web site at [www.ienconnect.com/enviro](http://www.ienconnect.com/enviro)

### **Alert for DRYCLEANERS**

All Perc Dry Cleaners must submit the Perc Dry Cleaning Compliance Report to the Illinois Environmental Protection Agency by July 28, 2008. A copy of this form can be found in the 2008 Dry Cleaner's Compliance Calendar

**For your free copy of the 2008 calendars, call the SBEAP helpline at 800/252-3998 or send an e-mail with your complete mailing address to:**

[dceo.sbeap@illinois.gov](mailto:dceo.sbeap@illinois.gov)