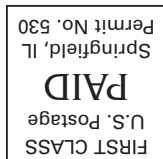




Illinois Department of Commerce and Economic Opportunity  
Small Business Environmental Assistance Program  
620 East Adams Street  
Springfield, Illinois 62701

CLEAN Air Clips



# CLEAN Air Clips

Illinois Department of Commerce and Economic Opportunity, Small Business Environmental Assistance Program

Rod R. Blagojevich • GOVERNOR

**US EPA Updates**

JACK LAVIN • DIRECTOR  
**MAY 2004**

## National Emission Standards for Hazardous Air Pollutants (NESHAP) May Updates

A key component of the Clean Air Act is a requirement that the EPA significantly reduce daily, so-called routine, emissions of air toxics. In the 1990 Clean Air Act Amendments, Congress directed EPA to use a technology-based and performance-based approach to significantly reduce emissions of air toxics from major sources of air pollution, followed by a risk-based approach to address any remaining or residual risks. Under the technology-based approach, EPA develops National Emission Standards for Hazardous Air Pollutants for controlling the routine emissions of air toxics from each major type of facility within an industry group (or source category). These standards, known as maximum achievable control technology (MACT) standards, are based on emissions levels that are already being achieved by the better-controlled and lower-emitting sources in an industry.

### **SURFACE COATING OF PLASTIC PARTS AND PRODUCTS**

On April 19, 2004, the MACT standard for plastic parts and products surface coating operations located at major sources of hazardous air pollutants (HAPs) was published in the Federal Register. The US EPA issued a final rule to reduce toxic air pollutant emissions from plastic parts and products surface coating operations. The surface coating of plastic parts and products is a process of applying a protective, decorative, or functional coating to a plastic substrate. Coating materials include, but are not limited to, paints, stains, sealers, topcoats, basecoats, primers, inks, and adhesives.

### **BOILERS AND PROCESS HEATERS**

On February 26, 2004, USEPA issued a final rule to reduce emission of toxic air pollutants from industrial, commercial and institutional boilers and process heaters. This rule reduces emissions of hydrogen chloride, manganese, lead, arsenic and mercury. Boilers or process heater located at a major source of HAP may be affected by this NESHAP. A major source of HAPs is a source that can emit 10 tons/year of one HAP or 25 tons/year of all HAPs combined. These include emissions from the entire facility, including non-boiler or process heater sources. So if your company is already impacted by a NESHAP, then your boiler or process heater may be impacted by this NESHAP. For a list of units that may not be covered in the rule, including incinerators, secondary lead refining kettles, etc. visit the Web site at: [www.epa.gov/ttn/atw/boiler/boilerpg.html](http://www.epa.gov/ttn/atw/boiler/boilerpg.html)

According to the **proposed final regulations**, existing (built before January 13, 2003) small units (less than 10 mmBtu/hr) with all fuel types and new (built on or after January 13, 2003) small units firing gas fuel only, have no emission limits and no requirements. Existing large units (over 10 mmBtu/hr) using gas and liquid fuel, and new small units using distillate fuel only or

combined with gas fuel have no emission limits but must submit an initial notification. The rest of the boilers and process heaters not listed above may be required to comply with emission limits, install air pollution control equipment, etc. The final rule should be published in the Federal Register by early May.

For additional information about either rule mentioned above, visit the US EPA's Web site at: [www.epa.gov/ttn/atw](http://www.epa.gov/ttn/atw) or contact the Small Business Environmental Assistance Helpline at 800/252-3998 (TDD: 800/785-6055).

## **RISK MANAGEMENT PROGRAM REQUIREMENTS - AMENDMENTS TO THE SUBMISSION SCHEDULE AND DATA REQUIREMENTS**

April 9, 2004 - The US Environmental Protection Agency (EPA) is making several changes to the reporting requirements of its chemical accident prevention regulations under section 112(r) of the Clean Air Act. The final rule requires that, beginning June 21, 2004, chemical facilities subject to the accident prevention regulations submit information on any significant chemical accidents and any changes to emergency contact information on a more timely basis than previously required. The rule also immediately removes the regulatory requirement to include in executive summaries of risk management plans (RMPs) a brief description of the off-site consequence analysis (OCA) for their facilities. In addition, the final rule also requires that, beginning June 21, 2004, covered facilities include three new pieces of information in their RMPs:

- ① the e-mail address for the facility emergency contact;
- ② the name, address and telephone number of the contractor who prepared the RMP;
- ③ and, the purpose of any RMP submission that changes or otherwise affects an earlier RMP submission.

The rule also clarifies that the deadline for updating RMPs that were submitted before or on June 21, 1999, is June 21, 2004, except for those facilities required to update their RMPs as a result of changes at the facility. Finally, EPA is making several related and other revisions to the format for submitting RMPs (RMP\*Submit), including expanding the list of options for possible accident causes to include uncontrolled chemical reactions.

For additional information, contact the Emergency Planning and Community Right-to-Know Hotline at 800/424-9346; (TDD 800/ 535-7672) or visit DCEO's Web site at: [www.illinoisbiz.biz/bus/sba.html](http://www.illinoisbiz.biz/bus/sba.html) and click on "Risk Management Plans - Important Information for 2004" or contact DCEO's helpline at 800/252-3998.

## SMALL BUSINESS WEEK MAY 19 - 24, 2004

FOR ACTIVITIES IN YOUR AREA, CONTACT YOUR LOCAL SMALL BUSINESS DEVELOPMENT CENTER AT 800/252-2923 OR VISIT DCEO'S WEB SITE AT: [WWW.ILLINOISBIZ.BIZ](http://www.illinoisbiz.biz)

### 2004 Illinois Governor's Pollution Prevention Awards

Presented by the Waste Management and Research Center

Are you proud of the Pollution Prevention activities of your company or organization? Would you like those efforts to receive the recognition they deserve? The Waste Management and Research Center (WMRC) is accepting applications for the 2004 Governor's Pollution Prevention Awards. Applications must be postmarked or submitted electronically by May 21, 2004, for consideration.

For 18 years, WMRC has presented the Governor's Awards to companies and organizations in Illinois that have demonstrated a commitment to environmental excellence through the practice of pollution prevention. To be considered for an award, projects should meet the description of Pollution Prevention (P2). Pollution prevention is in-process recycling, clean technologies, raw materials substitutions, and/or preventative maintenance. Pollution prevention is not end-of-pipe treatment, off-site recycling, incineration, and/or disposal. Recycling accomplishments should only be considered supplementary material to demonstrate further commitment to environmental practices. For more information, visit the Web site at: [www.wmrc.uiuc.edu](http://www.wmrc.uiuc.edu) or contact Bob Iverson at 217/333-8946 or via e-mail at [biverson@wmrc.uiuc.edu](mailto:biverson@wmrc.uiuc.edu).

### Note from Ombudsman Don Squires...

#### ILLINOIS EPA LAUNCHES CITIZEN E-COMPLAINT FORM ON WEB SITE

*Will Speed Investigations of Environmental Concerns*

Citizens will now be able to report pollution and other environmental concerns electronically, speeding up investigations by the Illinois Environmental Protection Agency. The E-Complaint form will be acknowledged and forwarded to the appropriate regional office the same business day it is received online. While many of these complaints are now and likely will continue to be made directly by citizens to their nearest IL EPA regional field office, the new E-Complaint system will provide a fast and efficient way to assist citizens and help address environmental problems before they become worse. The complainant's identity will be kept confidential unless they request otherwise. In tandem with the E-Complaints, environmental questions and complaints may also be made by phone through an expanded toll-free Environmental Helpline at 888/372-1996. To file electronically, visit the IL EPA's Web site at: [www.epa.state.il.us/pollution-complaint](http://www.epa.state.il.us/pollution-complaint)

#### **Lead-Based Paint Pre-Renovation Education Rule (Lead PRE): Things You Should Know**

Anyone who owns, manages, or performs work that disturbs more than 2 sq/ft of painted surface on housing built before 1978 must comply with the Lead PRE Rule. The rule requires that residential rental property owners/managers, general contractors, special trade contractors including painters, plumbers, carpenters, and electricians and anyone who is compensated for work disturbing paint in pre-1978 housing distribute the lead pamphlet "Protect Your Family from Lead in Your Home" to the owners or occupants of the residence. In addition, a confirmation of receipt of the pamphlet from the owners or occupants or a certificate of mailing from the post office must be obtained before starting renovation/repair work. If work is done in common areas of multi family housing, renovation notices must be distributed to tenants. Records must be retained for 3 years. For more information regarding the Lead PRE rule or to receive copies of the brochures, "Protect Your Family from Lead in Your Home" or "The Lead-Based Paint Pre-Renovation Education Rule Handbook" call the DCEO's Small Business Environmental Assistance Helpline at 800/252-3998.

### RADON, WHAT IS IT?

Radon is a radioactive element that is part of the radioactive decay chain of naturally-occurring uranium in soil. Radon is invisible, odorless and cannot be tasted. Unlike carbon monoxide and many other home pollutants, radon's adverse health effect, lung cancer, is usually not produced immediately. Thus you may be exposed to radon for many years without ever suspecting its presence in your home.

The USEPA action level for radon is 4.0 picocuries per liter of air (pCi/L). The risk of developing lung cancer at 4.0 pCi/L is estimated at about 2 lung cancer deaths per 1000 persons. That is why US EPA and Illinois Department of Emergency Management Agency (IEMA's) - Division of Nuclear Safety recommend reducing your radon level if the concentration is 4.0 pCi/L or more. Radon reduction techniques are used to stop radon entry and reduce indoor radon concentrations.

#### Do you know the radon levels in your home?

While scientists can estimate the approximate lung cancer deaths per 1000 people, no single individual's risk can be estimated. Testing is relatively inexpensive, easy and is the only way to know whether you are at risk. If you would like to perform the tests yourself, please call IEMA at 800/325-1245 for your free copy of 'Guidelines for Home Environment Radon Measurements' before placing the detectors. If you would rather that a trained professional perform your test, the radon program has the names of qualified, licensed professionals in, or near, your area. IEMA's Division of Nuclear Safety recommends professional testing in real estate transactions.

For further information about radon, radon measurement and mitigation, or for a list of licensed radon professionals in, or near, your area, call IEMA's Division of Nuclear Safety at 800/325-1245, visit their Web site at: <http://state.il.us/idns/html/radon/prgdeser/whatsrdn.asp> or contact the Small Business Environmental Assistance Helpline at 800/252-3998.

### NEW PUBLICATIONS AVAILABLE...

➤ **Illinois EPA's Quick Answer Directory** - Updated in March 2004, this 46 page directory provides quick and easy access to Illinois EPA personnel. For your free copy, contact the Illinois EPA's Small Business Office at 888/372-1996 or DCEO's Small Business Environmental Assistance Helpline at 800/252-3998 or download a copy from: [www.epa.state.il.us/small-business/](http://www.epa.state.il.us/small-business/)

➤ **Air Quality Compliance Calendar for Grain Elevators, Concrete Batch Plants, Rock Crushers and Quarries** - This 18 month recordkeeping and compliance assistance tool will be available in early July. Call DCEO's helpline at 800/252-3998 or e-mail [sbeap@illinoisbiz.biz](mailto:sbeap@illinoisbiz.biz) to reserve your free copy.

➤ **Small Business Financing Options for Environmental Compliance** - Updated in late 2003, this pamphlet highlights various sources of financing that exist to help finance your environmental needs. Call DCEO's helpline at 800/252-3998 or e-mail [sbeap@illinoisbiz.biz](mailto:sbeap@illinoisbiz.biz) for your free copy.

### MARK YOUR CALENDARS...

- |             |  |
|-------------|--|
| May 1       | Annual Emission Reports were due to Illinois   |
| May 11 & 12 | Annual Brownfields Conference<br>Springfield, IL<br>For more information, visit the IL EPA's Web site at: <a href="http://www.epa.state.il.us/land/brownfields">www.epa.state.il.us/land/brownfields</a>   |
| May 19 -24  | Small Business Week - See paragraph on opposite column.  |
| May 21      | Applications due for Pollution Prevention Awards<br>For more information, visit the Web site at: <a href="http://www.wmrc.uiuc.edu">www.wmrc.uiuc.edu</a> or contact Bob Iverson at 217/333-8946 or via e-mail at <a href="mailto:biverson@wmrc.uiuc.edu">biverson@wmrc.uiuc.edu</a> |
| June 15     | Annual Illinois Small Business Week Awards<br>Renaissance Chicago Hotel<br>Chicago, IL<br>For more information, visit the Web site at: <a href="http://www.sba.gov/il/ilsbw2004R.html">www.sba.gov/il/ilsbw2004R.html</a> or contact the Small Business Office at 800/252-2923.      |
| June 17     | Design: Green, Workshop for Product Designers<br>Merchandise Mart<br>320 N. Wells<br>Chicago, IL<br>For more information, visit the Web site at: <a href="http://www.greenmarketing.com/designgreen">www.greenmarketing.com/designgreen</a>  |

Would you prefer to receive

*Clean Air Clips* quarterly publication via e-mail?

If so, contact the Small Business Environmental Assistance Helpline at 800/252-3998 or e-mail us at [sbeap@illinoisbiz.biz](mailto:sbeap@illinoisbiz.biz) and asked to be included on the e-mail list.

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