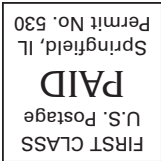




Illinois Department of Commerce and Economic Opportunity  
Small Business Environmental Assistance Program  
620 East Adams Street  
Springfield, Illinois 62701



# CLEAN Air Clips

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

Rod Blagojevich • GOVERNOR

Jack Lavin • DIRECTOR

SUMMER 2005

## US EPA Updates

### Proposed Emission Standards of Performance for Stationary Compression Ignition Internal Combustion Engines

On June 29, 2005, the US Environmental Protection Agency (EPA) proposed a rule that would reduce emissions of air pollutants from stationary compression ignition (CI) internal combustion engines (stationary diesel engines). These engines are used at facilities such as power plants and chemical and manufacturing plants to generate electricity and power pumps and compressors. They are also used in emergencies to produce electricity and pump water for flood and fire control.

The proposed standards, known as New Source Performance Standards (NSPS), would limit emissions of nitrogen oxides (NO<sub>x</sub>), particulate matter (PM), sulfur dioxide (SO<sub>2</sub>), carbon monoxide (CO), and hydrocarbons (HC) from stationary diesel internal combustion engines to the same stringent levels required by EPA's nonroad diesel engine regulations. New, modified and reconstructed stationary diesel engines would have to comply with the proposed rule. A new stationary diesel engine is one that is manufactured or ordered after the date this proposal is published in the Federal Register and manufactured after April 2006. Stationary diesel engines that start modification or reconstruction after that date also are subject to the rule. For additional information, visit the USEPA's Web site at: [www.epa.gov/ttn/oarpg/t3pfpr.html](http://www.epa.gov/ttn/oarpg/t3pfpr.html) or contact the Small Business Environmental Assistance Helpline at 800/252-3998.

## Illinois Updates

### NEW 8 HOUR STANDARDS FOR OZONE...

On June 15, 2005, the USEPA completed the transition to the new 8-hour ozone air quality standard by revoking the former 1-hour ozone air quality standard. As a consequence, as related to ozone air quality, the greater Chicago metropolitan area is now designated as nonattainment for only the 8-hour standard, with a classification as "moderate" nonattainment. The USEPA found that the new, more stringent 8-hour ozone standard was necessary for protection of public health from both short-term (1 to 3 hour) and prolonged (6 to 8 hour) exposures to ozone. The new air quality standard for ozone is significantly lower, 80 parts per billion (ppb) compared to 120 ppb, but applies over a longer eight-hour averaging period rather than in a one-hour period.

Previously, under the 1-hour standard, the greater Chicago area was classified as "severe" nonattainment for ozone. The "moderate" classification for the new 8-hour standard reflects the substantial improvements that have occurred in air quality in the Chicago area over time. The moderate classification of the greater Chicago area changes certain requirements for proposed new sources and proposed modifications to existing sources under the "Nonattainment New Source Review" or NA NSR program. New companies will now only be considered major sources subject to additional requirements pursuant to NA NSR if they would emit or be allowed to emit 100 tons/year or more of volatile organic compounds (VOC) or 100 tons/year or more of nitrogen oxides (NO<sub>x</sub>).

Proposed projects will now only be considered major modifications subject to additional requirements under NA NSR if they would emit or be allowed to emit 40 tons/year or more of VOC. Previously, the cut-offs for both a proposed major source and a proposed major modification were VOC emissions of 25 tons/year or more.

This change in the air quality designation of the Chicago area does not change requirements for control of emissions under other rules and programs. In particular, all sources and projects, new and old, and major and minor, are still subject to applicable emissions standards, which are not changed as a result of this development. It is also in sources' self-interest to effectively control and minimize emissions, as further tightening of emissions standards and emission control requirements will almost certainly be needed to comply with the new 8-hour ozone standard.

In addition, this change in the air quality designation of the Chicago area does not change any requirements on VOC emissions related to NA NSR that were established in construction permits for previous "new" sources and projects when the area was a severe nonattainment area. These existing requirements, which are based on the NA NSR program that was in place when construction on the source or project began, continue on and are unaffected by the transition to the new 8-hour standard. In other words, existing sources that were or should have been subject to the NA NSR requirements for a severe ozone nonattainment area are not allowed to "backslide," relaxing the level of control or increasing VOC emissions on their existing operations.

However, the recent completion of the transition to the new ozone standard does affect the type of operating permit that some sources will need. Some sources currently holding Clean Air Act Permit Program (CAAPP) permits that are only considered major sources because they emit or are allowed to emit 25 tons/year of VOC or more need no longer be considered major sources of emissions. Such a source may wish to apply for a state operating permit, in place of its current CAAPP permit, when it must apply for renewal of its current permit or it next applies for a significant modification of its permit. For additional information, please contact the Illinois EPA, Bureau of Air, Permit Section at 217/782-2113.

### Illinois EPA has New Director

Former Mayor of Rockford and former Illinois State Representative Douglas P. Scott was appointed Director of the Illinois Environmental Protection Agency effective July 1, 2005, by Governor Rod Blagojevich, who said Scott will be "an energetic and innovative advocate for public health and the environment."

As a state legislator, mayor and city attorney in Rockford, Doug Scott worked on recycling, brownfields cleanup and urban renewal, and other environmental issues, and also was President of the Illinois Chapter of the National Brownfield's Association. He believes strongly in being accessible and accountable to citizens and the regulated community, including local governments and business, and will continue Governor Blagojevich's agenda of protecting our environment and quality of life while supporting new technologies and renewable resources that also benefit Illinois' economy. For additional information about Director Scott, visit the Illinois EPA's Web site at: [www.epa.state.il.us](http://www.epa.state.il.us).

## USED TIRES - HOW ARE THEY REGULATED BY THE ILLINOIS EPA???

Companies that generate used tires are subject to the statutes under Section 55 of the Environmental Protection Act and, potentially, Part 848 of 35 Ill. Adm. Code.

If you operate a fleet of vehicles or have any other business operation that generates used tires (other than a tire retailer), you may store up to 50 used tires at your location without being considered a used tire storage site. If you are a tire retailer, you may accumulate no more than 1300 recyclable tires, 1300 tire carcasses, and 1300 used tires at your location without being considered a used tire storage site. If you are a used tire storage site, you must register your site annually with the Illinois EPA and pay a \$100 annual tire storage fee. In addition, you are subject to Part 848 of 35 Ill. Adm. Code (Management of Used and Waste Tires). Regardless of your regulatory category, you must always store used tires in a manner that prevents them from accumulating water.

The Illinois EPA registers and regulates a network of used tire haulers and storage/processing facilities to ensure that all used tires generated in Illinois are managed properly and go to beneficial end-use markets such as: 1) tire-derived fuel (TDF); 2) civil engineering applications; 3) playground, horse arena, and other recreational flooring; 4) agricultural products; and 5) crumb rubber manufacturing.

The statutes and regulations, as well as other information on Illinois EPA's Used Tire Program including all forms, applications, reports, and a list of registered used tire haulers and processors, are available via the Illinois EPA's Used Tire Program web site at: [www.epa.state.il.us/land/tires/index.html](http://www.epa.state.il.us/land/tires/index.html). In addition, you may contact the Illinois EPA by phone at 217/785-8604.

### **PRINTERS - New Guidelines Available!**

After several years of working with USEPA on the development of a critical guidance document for the printing industry, EPA has formally released the Technical Support Document for Title V Permitting of Printing Facilities. It addresses key technical requirements including emission calculations, compliance testing and testing conditions, compliance monitoring, recordkeeping, and ways to prepare conditions in air permits so that they allow for operational flexibility so printers can make rapid changes to their operations with no or minimal interference from state permitting authorities. For your free copy, visit the Web site at: [www.epa.gov/ttn/oarpg/t5/memoranda/tsd.pdf](http://www.epa.gov/ttn/oarpg/t5/memoranda/tsd.pdf) or contact the Small Business Environmental Assistance Program at 800/252-3998 (TDD: 800/785-6055).

### **SMALL BUSINESS SMART ENERGY (SB\$E) PROGRAM**

The Small Business Smart Energy (SB\$E) program is sponsored by the Illinois Department of Commerce and Economic Opportunity with funding support from the U.S. Department of Energy (DOE) Rebuild America program. The SB\$E program provides technical services to for-profit businesses, architects and engineers who are interested in using energy efficient technologies and sustainable design practices to save money and energy in their local buildings. SB\$E activities are delivered by the Smart Energy Design Assistance Center (SEDAC), which is housed at the University of Illinois at the Urbana-Champaign (UIUC) School of Architecture and is operated in partnership with the Geothermal Heat Pump Consortium (GHPC). The SEDAC offers both new construction design assistance and retrofit assistance to area businesses and serves as the network hub for the program's vast "Smart Energy" resources. The SB\$E program provides four levels of services:

**Level 1:** Initial consultations help inform individuals and organizations about the SB\$E program opportunities, and answer energy efficiency technical questions. This level of service is open to anyone seeking SEDAC assistance.

**Level 2:** Energy audits are available for only for-profit businesses. This level of service is available for both new and existing businesses.

**Level 3:** Design assistance involves more in-depth analysis than Level 2 and results in a feasibility report that identifies specific energy conservation measures and potential savings. In order for these design assistance projects to have the highest level of implementation, eligible businesses are anticipated to have a minimum of 8,000 square feet or at least \$50,000 in annual utility costs.

**Level 4:** Follow-up and implementation assistance is also offered by the SEDAC for SB\$E participants. This level of service ensures that participants receive support toward implementing the energy conservation measures identified in Level 3.

The program has already begun developing a network of "Energy Smart" professionals whom small businesses can contact for assistance with reducing the cost of doing business through energy efficiency and conservation. Later this year, the SB\$E program hopes to further expand that network when it begins offering training sessions for architects, engineers, designers, contractors, and related industry professionals.

For additional information, contact SEDAC at: 800/214-7954, visit the Web site at: [www.sedac.org](http://www.sedac.org) or contact DCEO's Andrea Reiff at 217/785-0164 or by e-mail at [areiff@ildceo.net](mailto:areiff@ildceo.net)

### **Sustainable Building Conference on November 16, 2005**

The Small Business Smart Energy (SB\$E) program team will publicize the SB\$E Program with a sustainable building focused videoconference that will address the needs of small for-profit businesses and area practitioners. This two-hour informational broadcast will reach a large number of industry professionals and potential participants in Illinois (an estimated 1,500 to 3,000 viewers). The videoconference will be broadcast live via the Internet from the WILL studios on the UIUC campus. Sites with strong internet connections are needed to host video conference viewings for industry groups. For more information please contact Jessica Commins of SEDAC at 202/558-6413.

## **MARK YOUR CALENDARS...**

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|---------------------|---|
| <b>August 17</b>    | <b>Illinois Environmental Regulatory Group - Land Workshop</b><br>Springfield, IL             |
| <b>August 26</b>    | <b>E-85 &amp; Biodiesel Workshop</b><br>One Gateway Center<br>Collinsville, IL                |
| <b>September 15</b> | <b>E-85 &amp; Biodiesel Workshop</b><br>Holiday Inn Hotel and Conference Center<br>Urbana, IL |
| <b>September 21</b> | <b>Illinois Environmental Regulatory Group - Air Workshop</b><br>Springfield, IL              |
| <b>September 30</b> | <b>E-85 &amp; Biodiesel Workshop</b><br>Northfield Center<br>Springfield, IL                  |
| <b>October 12</b>   | <b>E-85 &amp; Biodiesel Workshop</b><br>Rock Valley College<br>Rockford, IL                   |
| <b>October 13</b>   | <b>E-85 &amp; Biodiesel Workshop</b><br>Holiday Inn Convention Center<br>Moline, IL           |
| <b>October 18</b>   | <b>Illinois Environmental Regulatory Group - Water Workshop</b><br>Springfield, IL            |
| <b>October 19</b>   | <b>E-85 &amp; Biodiesel Workshop</b><br>Par-A-Dice Hotel<br>Peoria, IL                        |
| <b>October 27</b>   | <b>E-85 &amp; Biodiesel Workshop</b><br>John A. Logan<br>Carterville, IL                      |

**For additional information about the events above, contact the Small Business Environmental Assistance Program at 800/252-3998 (out-of-state, call 217/785-6192).**

*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 ask to be included on the e-mail list.*

"Clean Air Clips" is published quarterly by the Illinois Department of Commerce and Economic Opportunity, Small Business Environmental Assistance Program. Mailing list updates, address corrections, additions, deletions, or request for additional copies can be obtained by contacting Amelia Gooding at 800/252-3998; TDD, 800/785-6055.