



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



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CLEAN Air Clips

Illinois Updates

REVISIONS TO AIR REGULATIONS

On May 26, 2006, the Illinois Pollution Control Board (IPCB) adopted revisions to Air regulations, 35 Ill. Adm. Code Parts 211 (definitions), 214 (Sulfur Dioxide), 218 (Volatile Organic Material in the Chicago non attainment areas) and 219 (Volatile Organic Material in the Metro-East St. Louis areas). The adopted amendments correct, update, and clarify rules implementing federal Clean Air Act requirements for volatile organic material (VOM) emissions reductions in the Chicago and Metro-East ozone areas. The final amendments address capture efficiency, carbon adsorbers and control device monitoring, screen printers, sealers and topcoats, lithographic printing, natural gas fired afterburners, perchloroethylene dry cleaners, and motor vehicle refinishing. The Illinois Environmental Protection Agency (EPA) described the rule amendments as intended to benefit the regulated community by reducing the burden of, and increasing the flexibility in, demonstrating compliance.

The adopted amendments changes included:

- clarify the term "carbon adsorber" to include other media like zeolite and oxides of silicon;
- clarify the term "screen printing on paper" and that it falls under Subpart TT under Sections 218 and 219, not the paper coating regulations;
- correct typographical errors in formulas for sulfur dioxide (SO₂);
- update the test methods for capture efficiency to include some alternative methods;
- clarify categories of sealers and topcoats for wood furniture coating;
- clarify provisions on applicability, equations (now includes retention factors), recordkeeping, reporting and monitoring (more requirements for fountain solutions) for lithographic printing operations;
- clarify that sources may turn off their natural gas-fired afterburners during the non-ozone season (unless otherwise indicated as a permit condition);
- delete the State requirements for perchloroethylene dry cleaning facilities, (the Federal NESHAP for this category still applies, as well as the State requirement for petroleum dry cleaning);
- delete requirements that auto refinishing shops annually re-register with Illinois EPA and to delete the coating purchase recordkeeping requirements; and,
- correct miscellaneous grammatical and typographical errors.

SUMMER 2006

Complete details concerning the above amendments can be found in the Illinois Register at 30 Ill. Reg 9654 through 9799 or by visiting the IPCB Web site at www.ipcb.state.il.us referencing docket R04-12/20 or by calling Dorothy Gunn at 312/814-3620. Additional information may be obtained by contacting the Illinois EPA's Bureau of Air Permit Section at 217/782-2113.

AUTO SALVAGE YARDS, DID YOU RECEIVE YOUR MERCURY SWITCH RECYCLING BUCKET?

On April 24, 2006, Public Act 94-0732 created the Mercury Switch Removal Act. The Act requires vehicle recyclers, vehicle crushers, and scrap metal recyclers that remove mercury switches to maintain certain records and make reports relating to the mercury switches removed. As of June 24, 2006, it also requires manufacturers of vehicles in Illinois that contain mercury switches begin a mercury switch collection program that facilitates the removal of mercury switches from end-of-life vehicles prior to vehicles being flattened, crushed, shredded, or otherwise processed for recycling. For more information about this new Public Act, visit the State of Illinois' Legislative Web site at: www.ilga.gov or contact the Small Business Environmental Assistance Program at 800/252-3998 (TDD: 800/785-6055).

Mercury Switches in Motor Vehicles: Proposed Significant New Use Rule

On July 11, 2006, the US Environmental Protection Agency proposed a significant new use rule (SNUR) under section 5(a)(2) of the Toxic Substances Control Act (TSCA) for elemental mercury (CAS No. 7439-97-6) used in convenience light switches, anti-lock braking system (ABS) switches, and active ride control system switches in certain motor vehicles. This action would require persons who intend to manufacture (including import) or process mercury for these uses, including when mercury is imported or processed as part of an article, to notify EPA at least 90 days before commencing such activity. EPA believes that this action is necessary because manufacturing, processing, use, or disposal of mercury switches may produce significant changes in human and environmental exposures. The required notice would provide EPA with the opportunity to evaluate the use of mercury in these switches, and, if necessary, to prohibit or limit such activity before it occurs to prevent unreasonable risk of injury to human health or the environment. US EPA is taking comments until September 11, 2006.

E-85 and Biodiesel Seminars

The Illinois EPA, Department of Commerce and Economic Opportunity (DCEO), Illinois Petroleum Marketers Association, and the American Lung Association of Illinois are hosting seven statewide seminars to educate municipal and business vehicle fleet owners and the interested public about the advantages of E-85 and biodiesel. Agenda items will cover federal and state tax incentives, grant opportunities, the Illinois Alternate Fuels Rebate Program, the provisions of the Federal Energy Act, fuel compatibility, storage and dispensing concerns, and marketing efforts. You will also receive an industry update from a member of the National Biodiesel Board.

Seminars will be held as follows:

Aug. 22: Jacksonville	Oct. 3: Danville
Sept. 12: Grayslake	Oct. 4: Kankakee
Sept. 13: Joliet	Oct. 11: Effingham
Sept. 26: Normal	Oct. 12: Quincy

The seminars run from 10:00 a.m. – 1:00 p.m. and are free, but space is limited. To register, call the DCEO Small Business Environmental Assistance Program at 800/252-3998 (TDD: 800/785-6055) or via e-mail at dceo.sbeap@illinois.gov.

USEPA Manifest Requirements NEW FORMS ON SEPTEMBER 5, 2006

US EPA has revised the Hazardous Waste Manifest Forms used to track hazardous waste from a generator's site to the site of its disposition. Handlers of waste will obtain new forms from any source that has registered with US EPA to print and distribute the form. Illinois will be providing the new manifest, which will be available later this year.

US EPA maintains a [Manifest Registry](#) that provides assistance to the public in obtaining the new manifests. Please note that existing forms must be used until September 4, 2006, and the new Uniform Hazardous Waste Manifest must be used starting on September 5, 2006.

You may order [online manifests](#) by visiting the Illinois EPA's Web site at: www.epa.state.il.us or by contacting the Small Business Environmental Assistance Program at 800/252-3998 or via e-mail at dceo.sbeap@illinois.gov.

New City of Chicago Ordinance Requires 25% Recycling in 2006

The Chicago City Council passed amendments to the Construction or Demolition Site Waste Recycling Ordinance to increase the amount of Construction & Demolition (C & D) debris that is recycled in Chicago. Starting with building and wrecking permits applied for March 1, 2006, contractors must keep track of how much waste is generated at project sites and strive to meet the recycling goals set forth in the new ordinance.

- In 2006, contractors must recycle 25% of the C&D debris generated at a job site.
- In 2007, contractors must recycle 50% of the C&D debris generated at a job site.

Recycling compliance forms will be handed out by the Department of Construction and Permits (DCAP) at the time of permit issuance. Contractors must fill out the form and return it to DCAP at the end of each project, together with an affidavit from the waste hauler or recycler, if applicable.

Text of the ordinance identifies which projects must comply and how compliance will be enforced and is located at the following Web site: egov.cityofchicago.org/city/webportal/home.do

The Chicago Department of Environment is offering **free** seminars on construction and demolition material recycling. Seminars will be held on **September 19, 2006**, and **November 14, 2006**, at the Chicago Center for Green Technology, 445 N. Sacramento Blvd., from 10:00 a.m. - 12:00 p.m. To register, please call the Chicago Center for Green Technology at 312/746-9642. Please submit any questions regarding the City of Chicago C & D recycling ordinance to environment@cityofchicago.org.

Construction & Demolition Debris Grinders Need Permits

If you are grinding up clean construction and demolition debris you are required to have a construction and operating permit from the IL EPA, Bureau of Air. In addition, mobile units are eligible for a portable permit to allow the unit to travel to different site locations. Units working in the City of Chicago are also required to have a permit with the City of Chicago Department of Environment. For more information, call the Small Business Environmental Assistance Helpline at 800/252-3998.

SOLVENT CLEANERS, INTERESTED IN REPLACING YOUR ORGANIC SOLVENTS?

The Waste Management Research Center (WMRC) provided technical assistance to a family-owned transmission remanufacturing business, Dynamic Manufacturer, in Melrose Park, Illinois, to evaluate aqueous parts washer to replace organic solvent cleaner systems. The results for Dynamic Manufacturer were savings of over \$50,000 per year with an estimated payback on investment of 0.9 years. For more details about this project and aqueous solvents, visit WMRC's Web site at: www.wmrc.uiuc.edu/main_sections/info_services/library_docs/TN/tN06-083.pdf or contact WMRC's Malcolm Boyle at 630.472.5028.

EPA PUBLISHES FINAL RULE ON "ALL APPROPRIATE INQUIRIES"

The United States EPA published a final rule setting federal standards for the conduct of all appropriate inquiries. The rule was published in the Federal Register on November 1, 2005. The final rule establishes specific regulatory requirements for conducting all appropriate inquiries into the previous ownership, uses, and environmental conditions of a property for the purposes of qualifying for certain landowner liability protections under Comprehensive Environmental Response, Compensation and Liability Act (CERCLA). The final rule will be effective on November 1, 2006, one year following the date of publication. Until November 1, 2006, parties may use either the requirements set forth in the all appropriate inquiries final rule, or the requirements of the interim standard for all appropriate inquiries established in the Small Business Liability Relief and Brownfield's Revitalization Act (the Brownfield's Amendments to CERCLA) to satisfy the statutory requirements for all appropriate inquiries. The interim standard is the ASTM E1527-00 Phase I Environmental Site Assessment Process. Parties also may use the newly revised ASTM standard, ASTM E1527-05 standard.

For more information about this rule, visit the US EPA's Web site at: www.epa.gov/brownfields/regneg.html

UPDATE FOR DRY CLEANERS: RESIDUAL RISK, RULE FINALIZED

ADDITIONAL RECORDKEEPING AND TESTING REQUIREMENTS

On July 13, 2006, the US Environmental Protection Agency issued their final residual risk rule for dry cleaners which requires additional monitoring requirements to test for perchloroethylene leaks. For more information about this rule, visit the US EPA's Web site at: www.epa.gov/air/drycleaningrule/ or contact the Small Business Environmental Assistance Helpline at 800/252-3998 or via e-mail at dceo.sbeap@illinois.gov

NOW AVAILABLE...

- **Quick Answer Directory** - Updated in March 2006, this is a topical directory of Illinois Environmental Protection Agency contacts. For your free copy, contact the SBEAP Helpline at 800/252-3998 (TDD: 800/785-6055) or via e-mail at dceo.sbeap@illinois.gov

- **Web casts about the following National Emission Standards for Hazardous Air Pollutants:**

- Iron Foundry
- Metal Coil Surface Coating
- Metal Can Surface Coating

To view one of the Web cast's mentioned above, visit the IL EPA's Web site at: www.epa.state.il.us/air/mact

MARK YOUR CALENDARS:

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| Aug 22 - | E-85 and Biodiesel Seminars |
| Oct 12 | See article on opposite column for more information. |
| Sept 19 | City of Chicago's Construction and Demolition Material Recycling Workshop, Chicago, IL
See article on opposite column. |
| Nov. 14 | City of Chicago's Construction and Demolition Material Recycling Workshop, Chicago, IL
See article on opposite column. |

*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 dceo.sbeap@illinois.gov
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.