



AIRlines

Helping small businesses comply with the Air Quality Act

Fall 2005

Air quality regulations— where do you turn for training?

Is your head in the clouds when it comes to air quality regulations and associated requirements? Do you have questions about the new regulatory changes and wonder how they may impact your operation? Would you like to attend an air quality training class or have some good reference documents for your files or to bookmark?

Well, plan to join us for one of three *Air Quality 101 Workshops* planned for Jan. 10, 19, and 24, 2006, in Salina, Wichita, and Overland Park, respectively. Watch your mailbox for a full brochure, or register by calling 800-578-8898. To register electronically, go to www.sbeap.org or www.kdhe.state.ks.us/bar/index.html. Sponsored by SBEAP and KDHE, these four-hour, Kansas air-quality-focused trainings will feature an overview of the regulations and describe upcoming regulatory changes.

In the meantime, you may wish to explore other on-line resources, which feature self-study courses, Web videos, and even formal classroom training.

For the very basics of Kansas air quality, see the following SBEAP publications:

- What is the Kansas Air Quality Act? <http://www.sbeap.org/ppi/publications/airqual.pdf>
- How do I calculate the PTE? http://www.sbeap.org/ppi/publications/Potential_To_Emit.pdf

KDHE BAR Web site has recently been updated and contains excellent guidance and informational publications, as well as lists of permit contacts. Take a look at the technical guidance documents, and don't miss the Frequently Asked Questions (FAQ) document.

- Technical guidance documents: http://www.kdhe.state.ks.us/air-permit/tech_guidance.html
- Permitting and operating permits FAQ: http://www.kdhe.state.ks.us/air-permit/faq.html#1_1

If you fall under a MACT Standard or will in the near future, consider these references and Web videos:

- Web videos: <http://www.epa.gov/oar/oaqps/eog/broadcast.html>
- Air toxics fact sheet: <http://www.epa.gov/ttn/atw/allabout.html>

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- MACT Standards
<http://www.epa.gov/ttn/atw/mactfnlalph.html>

The EPA's Air Pollution Training Institute offers training classes via several different media.

- Overview of training classes of all media (Web, video, self-instructional):
http://www.epa.gov/oar/oaqps/eog/course_listing.html#web

If you have questions about how different air pollution control technologies work, this site offers a video you can order or view on the Web:

<http://www.epa.gov/ttn/atw/utrain.html> ☼

BAR news—new regulations and resources

The Bureau of Air and Radiation (BAR) at the Kansas Department of Health and Environment has new regulations and resources on its Web site at <http://www.kdhe.state.ks.us/bar/index.html> to help the regulated community. Several new pages and documents have been added, including the following:

- There is a page for new air quality monitoring data with specific information for 14 different areas in Kansas. Each area contains monitoring data by location, and pollutant levels at each site can be accessed by the hour or for weekly one-hour maximum values.
- Effective Sept. 23, 2005, Class II permittees' emissions inventory reporting date was changed

from June 1 to April 1, beginning in 2006. Details on this change can be found at http://www.kdhe.state.ks.us/bar/public_notice/HearingNotice2rev.pdf.

- BAR also has added several new technical guidance documents that you may want to see at http://www.kdhe.state.ks.us/air-permit/tech_guidance.html.
- KDHE also plans to adopt the new-source review reform (PSD regulations) prior to Jan. 2, 2006. For more information on these regulations, contact Ralph Walden, rwalden@kdhe.state.ks.us, 785-296-1583, or Mindy Bowman, MBowman@kdhe.state.ks.us, 785-296-6421.

Air Quality 101 is a series of workshops planned for January 2006 in Salina, Wichita, and Overland Park that will help explain some of these changes and the BAR resources. See the detailed article in this newsletter, or go to www.sbeap.org calendar or workshop page for more information. ☼



Abbreviations used in Kansas AIRlines

CAA	Clean Air Act (as amended in 1990)
EMS	environmental management system
EPA	U.S. Environmental Protection Agency
HAP	hazardous air pollutant
KDHE	Kansas Department of Health and Environment
MACT	maximum achievable control technology
MSDS	material safety data sheet
NESHAP	National Emissions Standard for Hazardous Air Pollutants
NOx	nitrogen oxides
P2	pollution prevention
POTW	publicly owned treatment works
PTE	potential to emit
RMP	risk management program
SBEAP	Kansas Small Business Environmental Assistance Program
SIC	standard industrial classification
VOC	volatile organic compound

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MACT—more than a four-letter word

Do you operate a small business? If so, there may be an area source MACT that applies to you.

MACT—maximum achievable control technology—traditionally applies to Class I (major) sources that emit 10 tons per year of any of the listed hazardous air pollutants (HAPs), or 25 tons per year of a mixture of HAPs. HAPs are substances that have been identified as carcinogens, mutagens, or reproductive toxins and are produced by certain “source-specific” industries.

By contrast, an *area source* MACT applies to smaller-size facilities that release lesser quantities of HAPs into the air. Area sources emit less than 10 tons per year of a single HAP or less than 25 tons per year of a combination of HAPs. Area sources include small pollution sources like dry cleaners, gas stations, and auto body paint shops. Although emissions from individual area sources are often relatively small, collectively their emissions can be of concern, particularly where large numbers of sources are located in heavily populated areas, like in Kansas City or Wichita. In Kansas City, area sources emit 42% of all volatile organic compounds (VOCS), while Class I sources emit less than 10%. You can find a complete list of area source MACT standards at <http://www.epa.gov/ttn/atw/urban/arearules.html>.

Which MACTs affect area sources in Kansas?

All new area source MACT standards can potentially impact Kansas businesses, but based on the type of industry found in Kansas, the following is a partial list of those affecting the highest number of businesses in Kansas. All of these area source standards are currently under development.

- asphalt processing and asphalt roofing manufacture
- autobody refinishing
- hospital sterilizers
- industrial boilers
- plastic parts and products (surface coatings)
- prepared-feeds manufacturing
- stationary internal combustion engines

Can I submit comments on new area source MACTs?

Industry and interested parties are encouraged to provide input on proposed rules. When a new area source MACT is first published in the Federal Register, you are usually given a 30- to 90-day period in which to submit comments to EPA. All public comments and other information used in rulemaking are placed into a database, called a docket, which is available to the public. An easy way to comment is to use EPA's on-line system called EDOCKET. To use EDOCKET, go to <http://docket.epa.gov/edkpub/do/EDKRegSubmitItemSearch>.

Prior to publication in the Federal Register, the EPA works closely with state environmental agencies to obtain their input. Therefore, if you would like to provide input on rule development prior to the comment period, contact Mindy Bowman, Kansas Department of Health and Environment (KDHE), at 785-296-6421.

What do I need to do if I'm considered an area source?

Requirements found in MACTs vary. If you have any doubts about whether or not an area source MACT applies to you, check the Web site <http://www.epa.gov/ttn/atw/urban/area rules.html> for your source category. For more information about area source MACTs, call Mindy Bowman, Kansas Department of Health and Environment (KDHE), at 785-296-6421, or SBEAP at 800-578-8898, for further clarification.

Regulation of area sources continues to evolve. EPA is now focusing its area source MACT efforts on source categories impacting air quality in cities. For more information, go to EPA's Web site at <http://www.epa.gov/ttn/atw/urban/strategies0303.pdf> and read their fact sheet. MACT standards in general will be one of the topics addressed at the 2006 SBEAP Air Quality 101 Workshops (see calendar). ☼

Lawn care for clean air

A typical, 3.5-horsepower gas mower can emit the same amount of VOCs in an hour—key precursors to ozone—as a new car driven 340 miles. Lawn care equipment is the single, largest, non-road mobile source of VOCs in Kansas.

“Lawn Care for Clean Air,” is a Kansas initiative involving several

partners working together to get this message out to commercial contractors, municipalities, larger property owners, master gardener program participants, and the general public. By choosing to plant low-maintenance turfs, maintaining equipment or purchasing low-emission equipment, using no-spill gas cans, and

mowing in the morning or evening, these ozone precursors can be minimized.

To learn more about Lawn Care for Clean Air, contact SBEAP at 800-578-8898 or attend one of the following November workshops:

- Wichita, Kan., Nov. 2, 2005
- Kansas City, Kan., Nov. 4, 2005 ☼

AIRlines events calendar

Low-Cost Lawn Maintenance for Large Property Owners, Nov. 4, 2005, 8:00-noon, Mission Holiday Inn, 7240 Shawnee Mission Parkway, Overland Park, Kan. The half-day workshop is free. Register at www.marc.org.gti.specialevents.htm or contact Jennifer Logan at jlogan@marc.org.

Turf, Ornamental, and Equipment Expo for Large Property Owners, Nov. 2, 2005, 8:00-4 p.m. Sedgwick County Extension Center, 21st and Ridge Rd. Wichita, Kan. Cost is \$25 after Oct. 26. This workshop features presentations on landscaping with trees and grasses suitable for the Kansas environment, low-emission lawn care equipment, and fuel efficiency. Register at http://www.sbeap.org/comm_hort_workshop_fall05.pdf.

Air Quality 101 workshops will be held at the following locations in January 2006: Jan. 10, Salina; Jan. 19, Wichita; and Jan. 24, Overland Park. Details are posted on the SBEAP calendar page at <http://www.sbeap.org/ppi/calendar.asp>.

June 1, 2006: Annual emissions inventory reports are due for Class I permit holders. Reporting forms will be mailed.

April 1, 2006: New compliance date for Class II permit holders! Effective Sept. 23, 2005, the annual emissions reporting date for Class II permit holders was changed to April 1 of each year beginning April 1, 2006. Reporting forms will be mailed.

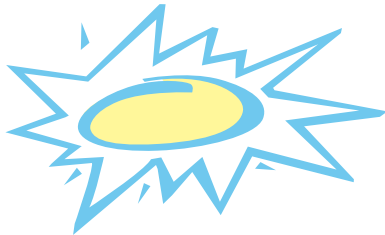
Feb. 15, 2006: Class II 25% Permit-by-Rule and 50% Permit-by-Rule reports are due.

Dry-cleaner compliance calendars: All registered dry cleaners will receive their 2006 compliance calendars in December. Please call 800-578-8898 if you do not get yours.

Environmental management system (EMS) workshops will be held in 2006 on April 4, 11, and 25 in Salina, Wichita, and Overland Park, respectively. Details will be posted soon on the SBEAP calendar page at <http://www.sbeap.org/ppi/calendar.asp>.

KDHE Bureau of Waste is conducting hazardous waste training workshops across Kansas throughout the month of November. For locations and times go to <http://public1.kdhe.state.ks.us/BWM/Waste.nsf/HWGenWorkshops05?OpenForm>.

Where to turn. . .



For regulatory assistance with general technical information, MACT standards, or air permitting, please contact the air permit writer (KDHE Bureau of Air and Radiation) assigned to your facility at 785-296-1570. You can also check the KDHE air permit program Web site, <http://www.kdhe.state.ks.us/air-permit/index.html>, for contact information.

For free, confidential, non-regulatory assistance with air-related questions; fact sheets; or other general information, contact the K-State University Small Business Environmental Assistance Program (SBEAP) through the toll-free hotline at 800-578-8898.

If you have a question or concern, or are unsure of whom to call for help, contact the Office of the Public Advocate at 800-357-6087; or in Topeka, call 785-296-0669.



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