

Permitting News

Printing & Packaging Compliance Initiative

Printers and packagers in Oklahoma can take advantage of an opportunity presented by the Air Quality and Customer Service Divisions. A short registration form was recently mailed to facilities that may need assistance determining their compliance status.

The intent of this outreach is to provide facilities with the technical and regulatory assistance needed to come into compliance with any applicable air quality regulations. These regulations may include permitting requirements or state and federal regulations, e.g., federal New Source Performance Standards or National Emission Standards for Hazardous Air Pollutants. Some facilities will not need a permit; however, when a permit is required, a streamlined process that uses a General Permit is available. Several statewide workshops are planned to assist facilities to understand the regulatory requirements. The dates and times will be announced later. An opportunity will be provided for self-disclosure to achieve compliance in a manner that will reduce or eliminate penalties or enforcement actions.

Questions should be directed to Jimmy Carter in the Customer Service Division, at 1-800-869-1400. The Customer Service Division is the non-regulatory division of the DEQ. Mr. Carter can confidentially answer regulatory questions.

If your facility received a form, please complete and return it as soon as possible. Forms can be obtained at <http://www.deq.state.ok.us/AQDnew/whatsnew/whatsnew.htm>, or by calling 405-702-4100.

AP-42 EMISSION FACTOR UPDATES

Currently, EPA lists only two sections as under review: AP-42 Section 11.19.2 - **Crushed Stone Processing and Pulverized Mineral Processing**, and Section 12.2- **Coke Production**. Both are closed to comments. Find more AP-42 information at <http://www.epa.gov/ttn/chief/ap42/index.html>.

Air Quality Update is published quarterly and may be accessed from the Air Quality Division (AQD) section of the DEQ Web Page at www.deq.state.ok.us. This publication is issued by the Oklahoma Department of Environmental Quality as authorized by Steve Thompson, Executive Director. 400 copies have been produced at a cost of \$0.007 each. Copies have been deposited with the Publications Clearinghouse of the Oklahoma Department of Libraries.

Your opinion is important to us! We would like to know what you think of the *Air Quality Update* and the types of articles you would like to read. Please send suggestions and comments to randy.ward@deq.state.ok.us or kevin.tallant@deq.state.ok.us.

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Ozone Air Quality Modeling Accomplished

State and city leaders in the Oklahoma City and Tulsa metropolitan areas entered into Early Action Compacts (EAC) with EPA in December of 2002. Signatories to this agreement are: Department of Environmental Quality (DEQ), Oklahoma Department of Transportation (ODOT), Association of Central Oklahoma Governments (ACOG), and Indian Nations Council of Governments (INCOG). These compacts have provided an opportunity for Oklahomans to begin proactively working toward the goal of cleaner air without the stigma of being on EPA's dirty air list. In support of these compacts, photochemical modeling to evaluate alternative emission control strategies was performed by Environ International Corporation.

A photochemical modeling system was developed for a 20-day episode period from August 13 through September 1, 1999 during which elevated 8-hour ozone concentrations occurred in both communities. The modeling system used a 36/12/4 km grid with the 36 km grid covering the central states and the 4 km grid focused on Oklahoma (page 3). The model was first exercised for a 1999 base case simulation and a model performance evaluation was conducted to assess the accuracy of the model. Model performance is evaluated by comparing predicted concentrations to monitored concentrations for the same time period. The model was then exercised for 2002 and 2007 base case emission scenarios and several 2007 emission control strategies to assess attainment of the 8-hour ozone standard. Potential control strategies include Stage I vapor recovery, lower Reid Vapor Pressure Gasoline, inspection and maintenance of automobiles, NOx reductions from electric generation facilities, and transportation control measures.



**Air Monitoring Station #1127
Tulsa, Oklahoma**

Photochemical modeling is used to demonstrate that the ozone concentrations in the year 2007 will not exceed the EPA standard. The modeling results demonstrated attainment of the 8-hour ozone standard in Oklahoma City; however, the modeled attainment test was inconclusive for Tulsa. Modeled attainment tests were passed when observed 2001-2003 design values were used but not passed at two Tulsa monitors when observed 1998-2000 design values were used. A weight of evidence (WOE) analysis was performed that supported a finding

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Public Access to Air Quality Division Files

Recent security needs of the Department of Environmental Quality (DEQ) have led to the alteration of our procedures by which the public may review individual files. These procedures are as follows:

- **When members of the public arrive at the DEQ building, they must register with the security personnel at the front door of the DEQ offices.**
- **The security personnel will contact the appropriate Air Quality Division (AQD) representative and then direct them to the 1st floor Guest Room.**
- **The files or documents will be delivered to them for review there and an AQD representative will remain with them to assist.**

In order to serve the public in the most efficient manner possible and in order to be certain the documents they wish to review are available, it is suggested that AQD be notified at least 24 hours prior to the visit. This will enable the Division to gather the documents and ensure adequate workspace is available during the scheduled visit.

Drop-in visits will still be honored, but please understand that the Guest Room may already be occupied and the files or documents may or may not be available.

To schedule an appointment, please call AQD at 405-702-4100 and request to speak to someone who can help with reviewing files.

Air Quality Council News

The Air Quality Council held its second meeting of 2004 on April 14 at OSU Tulsa. The meeting consisted of two rulemaking hearings on Chapters 100 and 110 with additional business presented in the Director's report.

In OAC 252:100-8 Permits for Part 70 Sources, the Department proposed minor textual changes for clarity and correction of outdated references. The notice for these changes was specific to these amendments and the changes were approved by the Council and recommended to the Environmental Quality Board.

Changes to Chapter 110 were to Subchapters 9 and 11 to clarify requirements for accredited lead-based paint training programs and to establish lead-based paint certification requirements for instructors in Department-accredited training programs. This was the first time these changes had been proposed to the Council and they were continued to the next meeting, which will be held on July 21st in Oklahoma City.

Eddie Terrill, Director of Air Quality, called upon Scott Thomas, Environmental Programs Manager, to update the Council on the Division's recent submissions for Early Action Compacts. Cheryl Bradley, Environmental Programs Manager, briefed the Council on the future of the Air Toxics Program as a preview to the upcoming July meeting. Mr. Terrill discussed funding alternatives for the Division to complete his Director's report.

Only five of the Council's nine members were present for the meeting. Present were Sharon Myers, David Branecky, Gary Martin, William Breisch, and Rick Treeman. Mr. Gary Kilpatrick now retired from Conoco/Phillips, resigned his post after 14 years on the Council. Mrs. Sandra Rose, who is relatively new to the Council, is leaving to fill a position on the Environmental Quality Board. Joel Wilson and Robert Lynch did not attend.

The next Air Quality Council Meeting will be held in the multi-purpose room of the DEQ Building at 707 N. Robinson on Wednesday, July 21, 2004. The next Environmental Quality Board meeting is scheduled for June 22 in Stillwater.



The Lead-Based Paint Corner

Lead-Based Paint Management Rule Amendments

The Oklahoma Department of Environmental Quality presented amendments to OAC 252:110, Lead-based Paint Management, to the Air Quality Council on April 14, 2004. These amendments included clarification of requirements for training providers and certification of instructors. The Department received comments on the proposed amendments. The LBP program staff requested that the council postpone their decision on Lead-based Paint Management until July 21, 2004, due to EPA amendments to 40 CFR 745 published on April 8, 2004. The EPA's amendments included reporting requirements for training providers and contractors performing LBP abatement. The LBP program staff will present additional amendments to the Lead-based Paint Management rules before the Air Quality Council on July 21, 2004.

Certified professionals will receive Notices of Rule Making Intent in the mail. Please follow the directions on the Notice for obtaining copies of the rule and filing comments with the Department. Additional, proposed rules can be obtained at the following web address June 15, 2004: http://www.deq.state.ok.us/AQDnew/council_mtg/councilmtg.htm

A Distinguished Public Servant Resigns

Gary A. Kilpatrick, who has represented transportation on the Air Quality Council longer than the DEQ has been in existence, has resigned his membership to the Council. Mr. Kilpatrick recently retired from Conoco/Phillips and feels that the seat on the Council will be better served by a representative who is active in industry.

Though born in the Texas Panhandle, Mr. Kilpatrick was raised in Bartlesville. He received his Bachelor of Science and Master's Degrees from the University of Oklahoma in 1966 and 1968 and shortly thereafter began his career at Phillips. He served in the United States Navy as a lieutenant assigned to the U.S. Atomic Energy Commission's Division of Naval Reactors and returned to Phillips upon completion of his military service.

First appointed to the Air Quality Council in 1988, he served during the administration of four Oklahoma Governors: Governors Bellmon, Walters, Keating, and Henry. Mr. Kilpatrick has overseen the development of the state's environmental agency, participating in its growth from a division of the state Health Department to the independent agency it is today.

The Division's stability and growth is a tribute to the continued oversight of distinguished Oklahomans like Mr. Kilpatrick.

We offer him our sincere thanks.