

Permitting News

New Engineering Section

The Air Quality Division has created a new engineering section. It is managed by Phillip Fielder and is part of the Permits Section. Its duties are to assist the Rules and Planning Section and provide engineering expertise for a number of special projects such as modeling and non-attainment studies.

The Engineering Section members, with over 60 years of air permitting experience, are well qualified for the job ahead. Two members have their Ph.D., six are chemical engineers and five members are licensed professional engineers. One staff member will be primarily dedicated to assist the Rules and Planning Section and two will concentrate on the computer modeling needs of the division. The remaining members will continue to write permits in addition to working on special project assignments.

This new section will allow the Air Quality Division to make efficient use of staff engineering expertise while allowing the majority of permit writers to concentrate on the evaluation of the submitted applications and issue the appropriate permits.

We are excited about possibilities this new section brings and are confident we will be able to better serve the citizens and industry of Oklahoma.



L-R Dami Koleowo, Phillip Fielder P.E.(manager), Judy Cupples, Lee Warden P.E., Eric Milligan P.E., Jian Yue Ph.D. P.E., Brooks Kirlin P.E.
Not Present-Jerry Goochey and Joyce Sheedy Ph.D.

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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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Air Emissions Inventory Electronic Submittal Process



AEI was created for and by the Department of Environmental Quality, Air Quality Division, Dec 12, 2001
For additional inventory information contact the Emissions Inventory Section staff at (405) 702-4100



The Emission Inventory section of the Department of Environmental Quality's Air Quality Division spent a great deal of 2002 implementing an electronic inventory submittal program. The program known as the Air Emissions Inventory (AEI) enables industry to report their emission inventory data electronically. This year, seventy-two companies were able to report using the new process. The electronic submittal option is a totally voluntary method for

reporting a facility's emissions to the department. The process benefits both the department and industry and is a vast improvement over the traditional hardcopy.

The electronic submittal process begins when a company is e-mailed a link that will connect the Department's web server to their individual secured company file. After downloading and unzipping files onto their hard drive, users are ready to install the program and begin updating their company's facility information. Consultants are able to work on multiple companies this way. When a company finishes updating its inventory, they simply submit the information back to the Department of Environmental Quality via our secured ftp

site where it is incorporated into the Department's TEAM database.

The emissions inventory staff and AEI programmer Sam Cannella provided training to industry in Tulsa and Oklahoma City. Both training sessions were great successes. We are proud of the outcome in this process. Next year the Department hopes to accommodate every company who wishes to submit their emission inventories electronically.

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New Excess Emission Demonstration of Cause Forms

DEQ rule OAC 252:100-9-3-1 requires excess emissions to be reported. The facility is required to provide notice no later than 4:30 PM the next working day and a written report within ten working days. The Department will consider excess emissions a violation unless the facility submits a satisfactory demonstration of cause (DOC) within 30 days after the occurrence has ended.

The two categories for DOC are malfunction and maintenance, start-up or shutdown situations. In the past a DOC was submitted by facilities in letter format. In an effort to make the reporting format more uniform for everyone and assist in covering all of the required information of this rule, two new DOC forms have been created.

One form will cover the excess emissions caused by a malfunction (OAC 252:100-9-3.3(a)) and a separate form will cover the excess emissions caused by a maintenance, start-up or shutdown (OAC 252:100-9-3.3(b)). Each form will be available on the Department of Environmental Quality web site as soon as possible. They will be located on the same page as the excess emission form, which is under Air Quality and then Forms (<http://www.deq.state.ok.us/mainlinks/DEQforms.htm#Aqforms>). The forms may be downloaded or printed from the website. If the forms are downloaded from the website, each section will expand to fit the amount of information being entered.

For those that wish to fill out the form by hand, it can be printed off and additional pages may be attached. Any additional information and supporting documentation should be attached to this report including regularly kept logs, charts, maintenance records, etc.

The owner or operator must provide each item listed on the respective form in order for the excess emission to be considered exempt from enforcement. The DOC must include the original signature of the responsible official or designee within 30 days after the occurrence has ended unless it is being reported quarterly per OAC 252:100-9-3.1(b)(2). If you have any questions concerning this matter or need assistance, please contact Crystal K. Stearns at (405) 702-4145.

The Lead-Based Paint Corner

2003 Certification Renewal Information

It is time once again for DEQ certified Lead-based Paint (LBP) contractors to renew their certification. The 2002-2003 certification year will end March 31, 2003. To renew a LBP certification, contractors must submit a complete LBP renewal application, including documentation of refresher training and fees, to DEQ by March 31, 2003. Refresher training has already begun and will continue through March 2003.

Please note that DEQ has two accredited LBP training providers. They are Metro Technology Centers and the University of Oklahoma-Institute for Environmental Management. You may obtain accredited LBP training from either training provider. Contact the following individuals for course schedules and price information:

Metro Technology Centers
University of Oklahoma

Melanie Stinnett (405) 605-4789
Dr. Rod Clinkenbeard (405) 271-2070 x 46766

According to the Lead-based Paint Management Rules, the certification exam is required of all initial applicants for LBP inspector, risk assessor, or supervisor certification and is required at least every third year for all renewal LBP inspector, risk assessor or supervisor certification applicants. If you obtained your initial certification in one of these disciplines, you may be required to pass a certification exam in order to renew your LBP certification. Please submit your renewal application promptly to allow time for application processing and examination by March 31, 2003.

Smoke School

The Air Quality Division, in conjunction with CenSARA, is again offering the Visible Emissions Evaluation Training Course for the Spring of 2003. Training is available at two locations:

Oklahoma City – March 25, 26, and 27.

Tulsa – April 22, 23, and 24.

A classroom lecture describing visible emissions evaluation procedures will be offered at both locations in addition to the field certification sessions.

These courses will meet EPA Method 9 and Method 22 training requirements. Individuals successfully qualifying will be certified to make valid emission readings.

More information is available at www.deq.state.ok.us. Contact Jeff Dye at (405) 702-4118 or jeff.dye@deq.state.ok.us.

Air Quality Council News

The Air Quality Council conducted its first meeting for 2003 on January 15 at the DEQ Building in Oklahoma City.

Usual business for the Council's first meeting begins with the election of officers. The Council elected Sharon Myers as Chair and Robert Lynch, Ph.D., as Vice Chair. Ms. Myers represents General Industry on the Council and has served the past two years as Vice Chair. Dr. Lynch represents Higher Education. David Branecky is the outgoing chair.

The council recommended the following four items be sent to the Environmental Quality Board's February meeting.

OAC 252:100-31. Control of Emission of Sulfur Compounds. Revisions to this subchapter clarified that the ambient air concentration limits for sulfur oxides are measured in terms of facility-wide impact on the ambient air concentration. The Department also proposed to reinstate the annual ambient air concentration limit for sulfur oxides and to correct a scrivener's error in the regulatory text.

OAC 252:100-1. General Provisions. Revisions affect text in Subchapters 1, 7, 17, 31, 35, 37 and 39. The intent of the changes was to simplify and clarify language and remove redundant definitions from Chapter 100.

OAC 252:100-17. Incinerators. Additions to this subchapter were specific to commercial and industrial solid waste incinerator units and establish emission standards for certain regulated pollutants along with establishing requirements for permitting, operator qualifications and training, waste management plans, testing and monitoring of pollutants, and operating parameters.

OAC 252:100-33. Control of Emission of Nitrogen Oxides. The department proposed an emergency revision to Subchapter 33 to eliminate an unintended barrier to the construction of new glass plants in the state.

Proposed revisions to Subchapter 5 Registration, Emission Inventory and Annual Operating Fees and Subchapter 13 Open Burning were continued to future council meetings.

The next Council meeting will be held in Tulsa on April 16, 2003 at the OSU Campus.