



Missouri Department of Natural Resources
Air Pollution Control Program

2008 Air Compliance Seminar

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October 9, 2008

Air Compliance Seminar

- Operating Permits – Intro
- Basic OP – Web-based Submittal
- CAIR
- NSPS/MACT Applicability
- CAM Applicability

Operating Permits

- Result of 1990 Clean Air Act Amendments
- Mechanism to identify all relevant requirements of emission units at a facility
- Establishes detailed provisions for testing, monitoring, recordkeeping and reporting to demonstrate compliance

General Permitting Procedure

- Facility obtains a New Source Review (Construction) Permit
- Facility constructs or adds equipment
- Facility submits an Operating Permit Application within 30 days (Basic), 90 days (Intermediate), or 12 months of commencing operation (Title V)

Operating Permits

- **Part 70** - Facilities with PTE greater than 100 tons of any air pollutant, or greater than 10/25 HAP threshold
- **Intermediate** - Part 70 source that has taken voluntary limit
- **Basic** - Source with PTE greater than *de minimis* and less than 100/10/25 levels

Part 70 Operating Permit

- Renewal application acts as permit shield.
- Facility still in compliance as long as permit renewal application on file with department.
- Five year permit life starts on date permit is issued.
- Need to submit renewal application at least 6 months prior to expiration date

“Gap Filling”

- Additional monitoring / testing requirements added to an emission unit when the underlying requirements don't provide adequate monitoring and recordkeeping

Intermediate Operating Permit

- Written permit - used to be application only
- Expires after 5 years
- Need to submit renewal application at least 6 months prior to expiration date
- If Renewal permit not issued - facility is still in compliance as long as application is on file with department

Part 70 / Intermediate OP's

- Intermediate OP is reviewed very much like a Part 70.
 - No EPA 45-day review
 - No CAM requirements
 - No semi-annual compliance certification

Basic Operating Permits

- Notification - 4 page application form
- Expires after 5 years
- Need to submit renewal application at least 6 months prior to expiration date
- Please write in all relevant permit conditions from NSR permits!

Basic Operating Permits

- Web Based Application Process
 - In the works...
- Submit Electronically
- Receive Immediate Confirmation of Submittal
- Limitations...

Downgrading – P70 to INT

- 10-6.065(2)(C) Intermediate installations are Part 70's that accept federally enforceable limits.
- Can be either in the operating permit or a construction permit.

“Expired” Operating Permits

- An operating permit does not expire if the installation submits a valid renewal prior to the expiration of the existing operating permit.
- Reminder letters are now being sent to installations whose OP’s are coming up on renewal dates.

CAIR and CAMR

- CAIR - Clean Air Interstate Rule
- CAMR - Clean Air Mercury Rule
- Vacatur
- Closing Out all Current CAIR applications
- 10 CSR 10-6.362, 10-6.364, 10-6.366, 10-6.368 – Still current, but...

NSPS / MACT Applicability

- If an installation is subject to an NSPS or MACT standard, is it required to obtain an operating permit?
- Not necessarily...

NSPS / MACT Applicability

- 10 CSR 10-6.065 (2)(B)
- Basic state installations ...
- 1. Emit or have the potential to emit any air pollutant in an amount greater than the de minimis levels; or
- 2. Are subject to a standard, limitation or other requirement under section 111 or 112 of the Act, including area sources, **provided the U.S. EPA administrator has deferred a decision on whether the installation would be subject to part 70;**

NSPS / MACT Applicability

- NOT required to obtain a Basic OP...
- Emergency Generators
 - NSPS Subpart III
 - Stationary Compression Ignition IC Engines
 - ...exempt from the obligation to obtain a permit under 40 CFR part 70...
 - MACT Subpart ZZZZ
 - Stationary Reciprocating IC Engines
 - ...your status ... does not subject you to the obligation to obtain a permit under 40 CFR part 70

NSPS / MACT Applicability

- NOT required to obtain a Basic OP...
- Gasoline Distribution / Dispensing:
 - MACT Subpart BBBBBB
 - Gasoline Distribution Bulk Terminals...
 - ...you are not required to meet the obligation to obtain a permit under 40 CFR part 70 ... as a result of being subject to this subpart...
 - MACT Subpart CCCCCC
 - Gasoline Dispensing Facilities
 - ...you are not required to obtain a permit under 40 CFR part 70 ... as a result of being subject to this subpart

NSPS / MACT Applicability

- **REQUIRED** to obtain at least a Basic OP...
 - Boilers subject to NSPS Subpart Dc

Compliance Assurance Monitoring

- A CAM Plan is due on or after April 20, 1998 as a part of an:
 - Initial Application
 - Significant Permit Revision
 - Only for PSEU's under revision
 - Renewal Application

CAM applies to each PSEU that:

- Is located at major source subject to Title V
- Is subject to emission limitation and has a control device to meet that limit (e.g., ESPs, scrubbers, fabric filters)
- Has pre-control emissions >major source size threshold (e.g., >100 tons/year uncontrolled emissions).
- Is not exempt.

Who is exempt from CAM?

- Exemptions are by rule type, not facility type:
 - Those subject to acid rain rules,
 - Those subject to section 111 or 112 standards promulgated after 11/15/90, since these standards are designed with monitoring that provides a reasonable assurance of compliance,
 - Certain municipally-owned peaking units.

Compliance Assurance Monitoring

- EPA Website
- <http://www.epa.gov/ttnemc01/cam.html>
- This guidance has examples for almost every type of pollutant and every type of control device.

Questions?

