

# Air Pollution Control Regulations Discussion Draft Overview

Air Permitting Forum

12/16/15

# Draft Amendments to 310 CMR 7.00

## Air Pollution Control

- Plan Approval - 310 CMR 7.02
- Operating Permit - 310 CMR 7.00 Appendix C
- Source registration - 310 CMR 7.12
- Engines and Turbines - 310 CMR 7.26(40)
- VOC RACT - 310 CMR 7.18
- NO<sub>x</sub> RACT - 310 CMR 7.19
- MassCAIR - 310 CMR 7.34
- Appeals - 310 CMR 7.51

# Definitions - 310 CMR 7.00

- Add definitions of *CO2e*, *GHGs*, *Pollution Prevention*
- Update definitions of *particulate matter*
- *Potential Emissions* - clarify *De minimis* exemption recordkeeping is actual emissions

# Plan Approval - 310 CMR 7.02

- GHG tailoring at MEPA levels
- Clarify exemption categories
- Require public comment for CPAs
- Remove EGU mercury cap
- Increase FUF LPA ceiling from 30 to 40 mmBTU/hr
- Require plan approvals for mods of PSD permits
- Remove unused OP timeline option
- Clarify P2 for 18 tpy VOC BACT alternative
- Clarify that beyond BACT may be needed to abate condition of air pollution

# Operating Permit and Compliance

## 310 CMR 7.00 Appendix C

- Clarify that emissions from “insignificant activities” must be considered in major source applicability determinations
- Remove lab hoods at commercial laboratories from list of “insignificant activities”
- Greenhouse gas untailoring

# Source Registration 310 CMR 7.12

- Exempt small combustion sources (i.e., codify current deferral) and simplify criteria
- Add new EPA lead reporting threshold

# Engines and Turbines

## 310 CMR 7.26(40) *et al*

- Clarify grandfathering and existing emergency back-up generator (EBUG) requirements based on installation date
- Align emissions standards and operating provisions for new EBUGs with federal regs (e.g., change 300 hours from operating restriction to PTE)
- Clarify location provisions to prevent unsuitable siting
- Clarify approval procedures for various non-emergency engines and turbines

# VOC RACT - 310 CMR 7.18

- Adopt more stringent emissions standards, lower emissions thresholds and additional source categories per EPA CTGs for surface coating, printing, fiberglass boat mfg, industrial cleaning solvents
- Make related changes to 310 CMR 7.03 (permit by rule) and 7.26 (Printer ERP)
- Add limited exemption from VOC cold-cleaning requirements for “special and extreme solvent metal cleaning”

# NOx RACT - 310 CMR 7.19

- Increase stringency of NOx emissions standards in line with recent comparable regulations for medium and large boilers, combustion turbines and reciprocating engines
- Broaden exemption criteria or alternatives options for low capacity-factor and infrequently-operated units (e.g., municipal electric utility diesels)

# MassCAIR Replacement- 310 CMR 7.34

- Replace MassCAIR with MA Ozone Season NOx Cap Program
- Maintain ozone-season NOx monitoring and reporting for EGUs
- Allow use of NOx ERCs or CSAPR allowances to comply if state-wide cap exceeded

# Appeals - 310 CMR 7.51

- Establish timelines and procedures for adjudicatory processes and appeals of air decisions
- Procedures will be consistent with and reference the Adjudicatory Proceedings regulations at 310 CMR 1.01