



CHRYSLER

**Notice of Proposed Rulemaking
40 CFR Part 60 - Standard of Performance for New
Stationary Sources (NSPS) Subparts D, Da, Db and Dc**

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Notice of Proposed Rulemaking

- EPA proposing to amend NSPS for steam generating units located at:
 - Electrical utilities
 - Industrial, commercial and institutional facilities
- EPA also requesting comments on appropriate opacity standards
 - For facilities using PM CEMS to demonstrate compliance
- 45 day comment period after publication

Notice of Proposed Rulemaking

- Amendments in response to petition for reconsideration filed by COETF
 - Petition filed after previous amendments published in Fed. Reg. June 13, 2007
- EPA also proposing specific monitoring requirements for facilities:
 - Subject to an opacity limit
 - Not using COMS to demonstrate compliance

Opacity Monitoring Options

- Facilities with opacity limits that do not use COMS may choose one of three compliance options:
 - Annual Method 9 performance test or
 - Annual Method 22 observations in lieu of Method 9 or
 - The use of digital photographic technique
 - Requires approved site-specific plan
- If Method 22 or photographic technique indicate opacity >5% of observation period a Method 9 must be conducted within 24 hours

Opacity Monitoring Options

- Facilities using PM CEMS to measure filterable and condensable PM must:
 - Conduct Method 9 test during calibration
 - Report results electronically
- EPA also proposing to amend Subpart D and exempt facilities burning 500 ppm or less sulfur distillate oil from requirement to install COMS

Amendments to Subpart Da

- Exemption for facilities burning 500 ppm or less sulfur distillate oil from requirement to install COMS
- Provisions to postpone PM performance testing for facilities not operating at the time testing due
- Facilities with wet scrubbers must maintain minimum liquid-to-gas flow at a rate of 90% of ratio measured during latest PM compliance test

Amendments to Subpart Db

- Synthetic natural gas derived from coal considered natural gas instead of coal under amended rule
- Diesel fuel will be included in definition of distillate oil
- Facilities burning desulfurized coal or oil will be able to claim credit using the fuel base compliance alternative

Amendments to Subpart Db

- Definition of steam generating units clarified to include **all water heaters**
 - Will be covered by NSPS
 - Regardless of mechanism used to heat water
- Definition of very low sulfur oil changed from 0.30 to 0.50 weight percent sulfur for:
 - Facilities built after February 28, 2005
 - Located in non-continental areas
 - Fuel blending allowed to achieve compliance

Amendments Affecting Boilers Burning COG

- 30-day SO₂ limit maintenance exemption extended to all COG fired boilers
 - Constructed prior to February 28, 2005
 - Includes all SO₂ control technologies
- Boilers burning gasified coal will be provided with option to develop site-specific monitoring plan in lieu of installing NO_x CEMS

Amendments to Subpart Dc

- Synthetic natural gas derived from coal considered natural gas instead of coal under amended rule
- Diesel fuel will be included in definition of distillate oil
- Definition of steam generating units clarified to include **all water heaters**
- Fuel blending will be allowed to achieve optional numerical SO₂ limit

EPA Requesting Comments

- Frequency of opacity monitoring
- Should method 9 testing be required
 - Monthly or each calendar quarter
- Should Method 22 or digital photography be performed either daily or weekly
- EPA believes that either alternative provides more assurance of facility compliance
- Comments are also requested to eliminate opacity standard for facilities using PM CEMS

Questions?

