

**Summary of the EPA's Proposed Amendments to New Source  
Performance Standards for Coal Preparation and Processing Facilities  
40 CFR Part 60**

<b>Subject of Proposal</b>	<b>Existing Rule</b>	<b>2008 Proposal</b>	<b>Current Proposal</b>
Affected Facilities	Coal processing and conveying equipment Coal transfer and loading systems Thermal dryers and pneumatic coal cleaning equipment – only bituminous coal Coal storage systems – excludes open stock piles and roads	No changes proposed	Amended definition of thermal and pneumatic dryers to include equipment cleaning and drying all coal ranks for all units constructed after May 27, 2009 Work practice standards proposed for open stock piles and roads associated with plants constructed after May 27, 2009.
Definition of Coal	Anthracite, bituminous, subbituminous, or lignite materials only	Same as existing	Addition of petroleum coke and coal refuse to previous definition
Thermal Dryers - Opacity Limits	< 20%	No changes proposed	New*: < 10% Reconst./Modified**: < 20%
Thermal Dryers – Particulate Matter Limits	.070 g/dscm	.046 g/dscm	New *: .023 g/dscm Reconst.**.: .045 g/dscm Modified**.: .070 g/dscm
Thermal Dryers – Specific Emissions Limits SO <sub>2</sub>	None	None	85 ng/J or 50% reduction of potential emissions; for new* must also be ≤ 520 ng/J
Thermal Dryers – Specific Emissions Limits NO <sub>x</sub> and CO Combined	None	None	New*: 280 ng/J Reconst./Modified**.: 430 ng/J
Pneumatic Coal-Cleaning Equipment - Opacity Limits	< 10%	< 5%	≤ 5%
Pneumatic Coal-Cleaning Equipment - Particulate Matter Limits	.040 g/dscm	.011 g/dscm	.023 g/dscm
Coal processing and conveying equipment, coal storage systems, and transfer and loading systems – Opacity Limits	< 20%	< 5%	≤ 5%
Coal processing and conveying equipment, coal storage systems, and transfer and loading systems – Particulate Matter Limits	None	.011 g/dscm	.023 g/dscm
Particulate Matter Emissions Monitoring Requirements	Initial test and as required by the Administrator (40 CFR 60.8)	Initial and annual tests for all new thermal dryers, pneumatic coal-cleaning equipment, and coal handling equipment vented to a control device	1 Mg/yr***: initial performance test only† 10 Mg/yr***: test single facility for up to four similar facilities‡ Operating at 50% or less of standard: testing every 24 months only Not required to vent to a control device.
Opacity Monitoring Requirements	Initial test and as required by the Administrator (40 CFR 60.11). Total of 3 hrs. observation required.	One hr. observation 3 x per month	Ten min. observation daily No visible emissions for 7 operating days: frequency reduced to 1 x week
Bag Leak Detection Systems	Not required	Required for thermal dryers and pneumatic coal cleaning equipment ∞	Required for any subpart Y affected facility with a fabric filter that has a potential emissions rate of 25 Mg or more. **
Electronic Reporting	Not Required	Not Required	All facilities must submit e-copies of their test reports to EPA database

\*Units constructed after April 28, 2008

\*\*Units reconstructed or modified after April 28, 2008

\*\*\*Facilities with a potential emissions rate of the number stated

†As long as emissions limit is met, there are no significant visible emissions, and manufacturer's recommended maintenance is performed

‡As long as the following conditions are met 1) the design emissions rate is less than or equal to the applicable emissions limit; 2) the individual performance test is 90 percent or less of the applicable standard; 3) the manufacturer's recommended maintenance is performed; 4) each of the affected facilities operates without significant visible emissions; and 5) each affected facility conducts a performance test at least once every 5 years

∞If a fabric filter was installed on the equipment or dryer after April 28, 2008