

dry electrostatic precipitator (ESP) must either install and operate a continuous opacity monitoring system (COMS) or maintain the daily average secondary voltage and daily average secondary current for each field at or above the minimum levels established during the initial performance test. If demonstrating compliance using COMS, the average opacity for each 6-minute period must remain at or below the level established during the initial performance test. Plants using a wet ESP must maintain the daily average secondary voltage for each field at or above the minimum levels established during the initial performance test; maintain the daily average stack outlet temperature at or below the maximum levels established during the initial performance test; and maintain the daily average water flow rate at or above the minimum levels established during the initial performance test.

You must submit information on monitoring parameters if another type of control device is used or if alternative monitoring parameters are desired.

Work Practices

All plants subject to the final rule are required to prepare and implement a written fugitive dust emissions control plan. The plan describes in detail the measures that will be put in place to control fugitive dust emissions from the following sources at a plant, as applicable: stockpiles, material transfer points, plant roadways, tailings basin, pellet loading areas, and yard areas. Existing fugitive dust emission control plans that describe current measures to control fugitive dust emission sources that have been approved as part of a State implementation plan or title V permit would be acceptable, provided they address the prior-listed fugitive dust emission sources.

D. What Are the Operation and Maintenance Requirements?

All plants subject to the final rule must prepare and implement a written startup, shutdown, and malfunction plan according to the requirements in 40 CFR 63.6(e). A written operation and maintenance plan is also required for control devices subject to an operating limit and indurating furnaces subject to good combustion practices (GCP). This plan must describe the following: procedures for preventative maintenance requirements for control devices, corrective action requirements for baghouses and continuous parameter monitoring systems (CPMS), and GCP for indurating furnaces. In the event of a bag leak detection system alarm, the plan must include specific requirements

for initiating corrective action to determine the cause of the problem within 1 hour, initiating corrective action to fix the problem within 24 hours, and completing all corrective actions needed to fix the problem as soon as practicable. In the event you exceed an established operating limit for an air pollution control device other than a baghouse, you must initiate corrective action to determine the cause of the operating limit exceedance and complete the corrective action within 10 calendar days. Corrective action procedures you take must be consistent with the installation, operation, and maintenance procedures listed in your site-specific CPMS monitoring plan. For indurating furnaces, you must maintain a proper and efficient combustion process through the implementation of GCP.

E. What Are the General Compliance Requirements?

The final rule requires compliance with the emission limitations, work practice standards, and operation and maintenance requirements at all times, except during periods of startup, shutdown, and malfunction as defined in 40 CFR 63.2. The owner or operator must develop and implement a written startup, shutdown, and malfunction plan according to the requirements in 40 CFR 63.6(e)(3).

The final rule also requires keeping a log detailing the operation and maintenance of the process and emission control equipment. This requirement applies during the period between the compliance date and the date that continuous monitoring systems are installed and any operating limits set.

F. What Are the Initial Compliance Requirements?

The final rule requires performance tests to demonstrate that each affected source meets all applicable PM emission limits. The PM concentration (front-half filterable catch only) is to be measured using EPA Method 5, 5D, or 17 in 40 CFR part 60, appendix A. All initial compliance tests must be completed no later than 180 days following the compliance date.

To demonstrate initial compliance with the PM emission limit for the ore crushing and handling affected source, the flow-weighted mean concentration of PM emissions of all units within the affected source must not exceed the applicable PM emission limit. Similarly, for the finished pellet handling affected source, the flow-weighted mean concentration of PM emissions of all units within the affected source must

not exceed the applicable PM emission limit. In lieu of conducting performance tests for all ore crushing and handling and finished pellet handling emission units, the plant may elect to form groups of up to six similar emission units and conduct initial performance tests on a representative unit within each group. Each plant must submit a testing plan to the permitting authority for approval. The testing plan must identify the emission units that will be grouped as similar, identify the representative unit that will be tested for each group, and present the proposed schedule for testing.

To demonstrate initial compliance with the PM emission limit for each indurating furnace and each ore dryer, the flow-weighted mean concentration of PM emissions of all stacks associated with each furnace or each ore dryer must not exceed the applicable PM emission limit.

The final rule also includes procedures for establishing site-specific operating limits for control devices during the initial performance test. To demonstrate initial compliance with the work practice standards, plants must prepare, submit, and implement a fugitive dust emission control plan on or before the compliance date. To demonstrate initial compliance with the operation and maintenance requirements, plants must prepare the operation and maintenance plan and certify in their notification of compliance status that they have prepared the written plans and will operate control devices and indurating furnaces according to the procedures in the plan.

G. What Are the Continuous Compliance Requirements?

For ore crushing and handling, ore dryers, and finished pellet handling units, you must conduct subsequent performance tests to demonstrate continued compliance with the PM emission limits following the schedule established in the title V permit for each plant. If a title V permit has not been issued, you must submit a testing plan and schedule to the permitting authority for approval.

For each indurating furnace, you must conduct subsequent performance testing of all stacks based on the schedule established in each plant's title V operating permit, but no less frequently than twice per 5-year permit term. If a title V permit has not been issued, then you must submit a testing plan and schedule to the permitting authority for approval. The testing frequency in the testing plan must provide for tests to be