

Environmental Protection Agency

§ 63.11410

(b) If you startup a new affected source on or before July 16, 2007, you must achieve compliance with the applicable provisions of this subpart not later than July 16, 2007.

(c) If you startup a new affected source after July 16, 2007, you must achieve compliance with the applicable provisions of this subpart upon startup of your affected source.

STANDARDS AND COMPLIANCE REQUIREMENTS

§ 63.11409 What are the standards?

(a) You must operate a capture system that collects the gases and fumes released during the operation of each emissions source listed in Table 1 of this subpart and conveys the collected gas stream to a particulate matter (PM) control device.

(b) You must not discharge to the atmosphere through any combination of stacks or other vents process gases from an emissions source listed in Table 1 of this subpart that contain PM in excess of the allowable process rate determined according to Equation 1 of this section (for an emissions source with a process rate of less than 30 tons per hour) or Equation 2 of this section (for an emissions source with a process rate of 30 tons per hour or greater). If more than one process vents to a common stack, the applicable emissions limit for the stack is the sum of allowable emissions calculated for each process using Equation 1 or 2 of this section, as applicable.

$$E = 4.1 \times P^{0.67} \quad (\text{Eq. 1})$$

Where:

E = Emissions limit in pounds per hour (lb/hr); and

P = Process rate of emissions source in tons per hour (ton/hr).

$$E = 55 \times P^{0.11} - 40 \quad (\text{Eq. 2})$$

§ 63.11410 What are the compliance requirements?

(a) *Existing sources.* If you own or operate an existing area source, you must comply with the requirements in paragraphs (b) through (e) of this section.

(b) *Initial control device inspection.* You must conduct an initial inspection

of each PM control device according to the requirements in paragraphs (b)(1) through (4) of this section. You must conduct each inspection no later than 60 days after your applicable compliance date for each installed control device which has been operated within 60 days of the compliance date. For an installed control device which has not been operated within 60 days of the compliance date, you must conduct an initial inspection prior to startup of the control device.

(1) For each baghouse, you must visually inspect the system ductwork and baghouse unit for leaks. You must also inspect the inside of each baghouse for structural integrity and fabric filter condition. You must record the results of the inspection and any maintenance action in the logbook required in paragraph (d) of this section. An initial inspection of the internal components of a baghouse is not required if an inspection has been performed within the past 12 months.

(2) For each dry electrostatic precipitator, you must verify the proper functioning of the electronic controls for corona power and rapper operation, that the corona wires are energized, and that adequate air pressure is present on the rapper manifold. You must also visually inspect the system ductwork and electrostatic precipitator housing unit and hopper for leaks and inspect the interior of the electrostatic precipitator to determine the condition and integrity of corona wires, collection plates, hopper, and air diffuser plates. An initial inspection of the internal components of a dry electrostatic precipitator is not required if an inspection has been performed within the past 24 months.

(3) For each wet electrostatic precipitator, you must verify the proper functioning of the electronic controls for corona power, that the corona wires are energized, and that water flow is present. You must also visually inspect the system ductwork and electrostatic precipitator housing unit and hopper for leaks and inspect the interior of the electrostatic precipitator to determine the condition and integrity of corona wires, collection plates, plate wash spray heads, hopper, and air diffuser