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## 40 C.F.R. § 63.11423

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### What are the standards and compliance requirements for new and existing sources?

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- (a) You must meet all the standards for lead and opacity as specified in paragraphs (a)(1) through (3) of this section.
- (1) Until the compliance date specified in § 63.11422(e), lead acid battery manufacturing plant affected sources must comply with paragraph (a)(1)(i) or (ii) of this section.
- (i) You meet all the standards for lead and opacity in 40 CFR 60.372 and the requirements of paragraphs (a)(4) and (5), (b), and (c)(1) through (3) of this section.
- (ii) You comply with paragraph (a)(2) of this section.
- (2) Beginning no later than the applicable compliance date specified in § 63.11422(f) or (i), you must meet each emission limit in table 1 to this subpart and each opacity standard in table 2 to this subpart that applies to you; you must meet the requirements of paragraphs (a)(4) and (5), (c), and (d) of this section; and you must also comply with the recordkeeping and electronic reporting requirements in § 63.11424(a)(6) and (7) and (b).
- (3) Beginning no later than the applicable compliance date specified in § 63.11422(g) or (i), you must comply with the monitoring requirements in paragraph (e) of this section, the recordkeeping and electronic reporting requirements in § 63.11424(a)(1) through (5) and (c) through (f), and the definition of lead reclamation in § 63.11426.
- (4) At all times, you must operate and maintain any affected source, including associated air pollution control equipment and monitoring equipment, in a manner consistent with safety and good air pollution control practices for minimizing emissions. The general duty to minimize emissions does not require you to make any further efforts to reduce emissions if levels required by the applicable standard in this part have been achieved. Determination of whether a source is operating in compliance with operation and maintenance requirements will be based on information available to the Administrator which may include, but is not limited to, monitoring results, review of operation and maintenance procedures, review of operation and maintenance records, and inspection of the source.
- (5) When two or more facilities at the same plant (except the lead oxide manufacturing facility) are ducted to a common control device, an equivalent standard for the total exhaust from the commonly controlled facilities must be determined using equation 1 to this paragraph (a)(5) as follows:

Equation 1 to paragraph (a)(5): 
$$S_e = \sum_{a=1}^N S_a \left( \frac{Q_{sda}}{Q_{sdr}} \right)$$

Where:  $S_e$  = is the equivalent standard for the total exhaust stream, mg/dscm (gr/dscf).  $S_a$  = is the actual standard for each exhaust stream ducted to the control device, mg/dscm (gr/dscf).  $N$  = is the total number of

exhaust streams ducted to the control device.  $Q_{sda}$  = is the dry standard volumetric flow rate of the effluent gas stream from each facility ducted to the control device, dscm/hr (dscf/hr).  $Q_{sdT}$  = is the total dry standard volumetric flow rate of all effluent gas streams ducted to the control device, dscm/hr (dscf/hr).

(b) As specified in paragraph (a) of this section, you must meet the monitoring requirements in paragraphs (b)(1) and (2) of this section.

(1) For any emissions point controlled by a scrubbing system, you must meet the requirements in 40 CFR 60.373.

(2) For any emissions point controlled by a fabric filter, you must meet the requirements of paragraph (b)(2)(i) of this section and either paragraph (b)(2)(ii) or (iii) of this section. Fabric filters equipped with a high efficiency particulate air (HEPA) filter or other secondary filter are allowed to monitor less frequently, as specified in paragraph (b)(2)(iv) of this section.

(i) You must perform semiannual inspections and maintenance to ensure proper performance of each fabric filter. This includes inspection of structural and filter integrity. You must record the results of these inspections.

(ii) You must install, maintain, and operate a pressure drop monitoring device to measure the differential pressure drop across the fabric filter during all times when the process is operating. The pressure drop must be recorded at least once per day. If a pressure drop is observed outside of the normal operational ranges as specified by the manufacturer, you must record the incident and take immediate corrective actions. You must also record the corrective actions taken. You must submit a monitoring system performance report in accordance with § 63.10(e)(3).

(iii) You must conduct a visible emissions observation at least once per day while the process is in operation to verify that no visible emissions are occurring at the discharge point to the atmosphere from any emissions source subject to the requirements of paragraph (a) of this section. If visible emissions are detected, you must record the incident and conduct an opacity measurement in accordance with 40 CFR 60.374(b)(3). You must record the results of each opacity measurement. If the measurement exceeds the applicable opacity standard in 40 CFR 60.372(a)(7) or (8), you must submit this information in an excess emissions report required under § 63.10(e)(3).

(iv) Fabric filters equipped with a HEPA filter or other secondary filter are allowed to monitor less frequently, as specified in paragraph (b)(2)(iv)(A) or (B) of this section.

(A) If you are using a pressure drop monitoring device to measure the differential pressure drop across the fabric filter in accordance with paragraph (b)(2)(ii) of this section, you must record the pressure drop at least once per week. If a pressure drop is observed outside of the normal operational ranges as specified by the manufacturer, you must record the incident and take immediate corrective actions. You must also record the corrective actions taken. You must submit a monitoring system performance report in accordance with § 63.10(e)(3).

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