

Environmental Protection Agency

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gases from operations in the anode refining department and convey them to a PM control device in accordance with § 63.11147(a)(3).”

(c) If you own or operate an existing affected source subject to § 63.11148, your notification of compliance status required by § 63.9(h) must include the information specified in paragraphs (c)(1) through (5) of this section.

(1) If you certify initial compliance with the PM emissions limit in § 63.11148(a)(1), (a)(3)(ii), and (a)(4)(iv) based on the results of a previous performance test conducted within the past 12 months before your compliance date, your notification of compliance status must include this certification of compliance, signed by a responsible official: “This facility complies with the PM emissions limit in § 63.11148(a)(1) based on the results of a previous performance test.”

(2) If you conduct a new performance test to demonstrate initial compliance with the PM emissions limits in § 63.11148(a)(1), (a)(3)(ii), and (a)(4)(iv), your notification of compliance status must include the results of the performance test, including required monitoring data.

(3) Your notification of compliance status must include this certification of compliance, signed by a responsible official, for the work practice standards in § 63.11148(a)(2), and (a)(4)(iii): “This facility complies with the requirement to vent captured process gases to a gas cleaning system controlling PM and to a sulfuric acid plant in accordance with § 63.11148(a)(2) and (a)(4)(iii).”

(4) Your notification of compliance status must include this certification of compliance, signed by a responsible official, for the work practice standard in § 63.11148(a)(3)(i): “This facility complies with the requirement to operate capture systems to collect gases and fumes released when copper matte or slag is tapped from the smelting vessel in accordance with § 63.11148(a)(3)(i).”

(5) Your notification of compliance status must include this certification of compliance, signed by a responsible official, for the work practice standard in § 63.11148(a)(4): “This facility complies with the requirement to operate capture systems to collect gases and

fumes released during batch copper converter operations in accordance with § 63.11148(a)(4).”

(d) If you own or operate a new affected source, your notification of compliance status required by § 63.9(h) must include the information in paragraphs (d)(1) through (3) of this section.

(1) Your notification of compliance status must include the results of the initial performance test and monitoring data collected during the test that demonstrate compliance with the emissions limit in § 63.11149(a)(1).

(2) Your notification of compliance status must include this certification of compliance, signed by a responsible official, for the work practice standard in § 63.11149(a)(2): “This facility complies with the requirement to capture gases from transfer of molten materials from smelting vessels and converting vessels and convey them to a PM control device in accordance with § 63.11149(a)(2).”

(3) Your notification of compliance status must include this certification of compliance, signed by a responsible official, for the work practice standard in § 63.11149(a)(3): “This facility complies with the requirement to capture gases from each vessel used to refine blister copper, remelt anode copper, or remelt anode scrap, and convey them to a PM control device in accordance with § 63.11149(a)(3).”

[72 FR 2944, Jan. 23, 2007, as amended at 72 FR 36367, July 3, 2007]

§ 63.11151 What definitions apply to this subpart?

Terms used in this subpart are defined in the CAA, in 40 CFR 63.2, and in this section as follows:

Anode refining department means the area at a primary copper smelter in which anode copper refining operations are performed. Emissions sources in the anode refining department include anode refining furnaces and anode shaft furnaces.

Baghouse means a control device that collects particulate matter by filtering the gas stream through bags. A *baghouse* is also referred to as a “fabric filter.”

Bag leak detection system means a system that is capable of continuously monitoring relative particulate matter

(dust) loadings in the exhaust of a baghouse in order to detect bag leaks and other upset conditions. A bag leak detection system includes, but is not limited to, an instrument that operates on triboelectric, light scattering, transmittance or other effect to continuously monitor relative particulate matter loadings.

Batch copper converter means a converter in which molten copper matte is charged and then oxidized to form blister copper by a process that is performed in discrete batches using a sequence of charging, blowing, skimming, and pouring.

Capture system means the collection of components used to capture gases and fumes released from one or more emissions points and then convey the captured gas stream to a control device. A capture system may include, but is not limited to, the following components as applicable to a given capture system design: Duct intake devices, hoods, enclosures, ductwork, dampers, manifolds, plenums, and fans.

Charging means the operating mode for a batch copper converter during which molten or solid material is added into the vessel.

Control device means air pollution control equipment used to remove PM from a gas stream.

Converting vessel means a furnace, reactor, or other type of vessel in which copper matte is oxidized to form blister copper.

Copper concentrate means copper ore that has been beneficiated to increase its copper content.

Copper concentrate dryer means a vessel in which copper concentrates are heated in the presence of air to reduce the moisture content of the material. Supplemental copper-bearing feed materials and fluxes may be added or mixed with the copper concentrates fed to a copper concentrate dryer.

Copper concentrate feed means the mixture of copper concentrate, secondary copper-bearing materials, recycled slags and dusts, fluxes, and other materials blended together for feeding to the smelting vessel.

Copper matte means a material predominately composed of copper and iron sulfides produced by smelting copper ore concentrates.

Deviation means any instance in which an affected source subject to this subpart, or an owner or operator of such a source:

(1) Fails to meet any requirement or obligation established by this subpart, including but not limited to any emissions limitation or work practice standard;

(2) Fails to meet any term or condition that is adopted to implement an applicable requirement in this subpart and that is included in the operating permit for any affected source required to obtain such a permit; or

(3) Fails to meet any emissions limitation or work practice standard in this subpart during startup, shutdown, or malfunction, regardless of whether or not such failure is permitted by this subpart.

Holding means the operating mode for a batch copper converter or a holding furnace associated with a smelting furnace during which the molten bath is maintained in the vessel but no blowing or smelting is performed nor is material added into or removed from the vessel.

Matte drying and grinding plant means the area at a primary copper smelter in which wet granulated matte copper is ground in a mill, dried by blowing heated air through the mill, and then separated from the drying air stream using a control device such as a baghouse.

Pouring means the operating mode for a batch copper converter during which molten copper is removed from the vessel.

Primary copper smelter means any installation or any intermediate process engaged in the production of copper from copper sulfide ore concentrates through the use of pyrometallurgical techniques.

Responsible official means responsible official as defined at 40 CFR 70.2.

Secondary gas system means a capture system that collects the gases and fumes released when removing and transferring molten materials from one or more vessels using tapping ports, launders, and other openings in the vessels. Examples of molten material include, but are not limited to: Copper matte, slag, and blister copper.

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Skimming means the batch copper converter operating mode during which molten slag is removed from the vessel.

Smelting vessel means a furnace, reactor, or other type of vessel in which copper ore concentrate and fluxes are smelted to form a molten mass of material containing copper matte and slag. Other copper-bearing materials may also be charged to the smelting vessel.

Work practice standard means any design, equipment, work practice, or operational standard, or combination thereof.

§63.11152 Who implements and enforces this subpart?

(a) This subpart can be implemented and enforced by the U.S. EPA, or a delegated authority such as a State, local, or tribal agency. If the U.S. EPA Administrator has delegated authority to a State, local, or tribal agency, then that Agency has the authority to implement and enforce this subpart. You should contact your U.S. EPA Regional Office to find out if this subpart is delegated to a State, local, or tribal agency within your State.

(b) In delegating implementation and enforcement authority of this subpart to a State, local, or tribal agency under 40 CFR part 63, subpart E, the authorities contained in paragraph (c)

of this section are retained by the Administrator of the U.S. EPA and are not transferred to the State, local, or tribal agency.

(c) The authorities that will not be delegated to State, local, or tribal agencies are listed in paragraphs (c)(1) through (5) of this section.

(1) Approval of an alternative non-opacity emissions standard under §63.6(g).

(2) Approval of an alternative opacity emissions standard under §63.6(h)(9).

(3) Approval of a major change to a test method under §63.7(e)(2)(ii) and (f). A “major change to test method” is defined in §63.90.

(4) Approval of a major change to monitoring under §63.8(f). A “major change to monitoring” is defined in §63.90.

(5) Approval of a major change to recordkeeping/reporting under §63.10(f). A “major change to recordkeeping/reporting” is defined in §63.90.

As required in §63.11150(a), you must comply with the requirements of the NESHAP General Provisions (40 CFR part 63, subpart A) as shown in the following table.

TABLE 1 TO SUBPART EEEEE OF PART 63—APPLICABILITY OF GENERAL PROVISIONS TO SUBPART EEEEE

Citation	Subject	Applies to subpart EEEEE?	Explanation
63.1(a)(1), (a)(2), (a)(3), (a)(4), (a)(6), (a)(10)–(a)(12) (b)(1), (b)(3), (c)(1), (c)(2), (c)(5), (e).	Applicability	Yes.	
63.1(a)(5), (a)(7)–(a)(9), (b)(2), (c)(3), (c)(4), (d).	Reserved	No.	
63.2	Definitions	Yes.	
63.3	Units and Abbreviations	Yes.	
63.4	Prohibited Activities and Circumvention.	Yes.	
63.5	Preconstruction Review and Notification Requirements.	No.	
63.6(a), (b)(1)–(b)(5), (b)(7), (c)(1), (c)(2), (c)(5).	Compliance with Standards and Maintenance Requirements—Applicability and Compliance Dates.	Yes.	