

**Subpart GGGGGG—National Emission Standards for Hazardous Air Pollutants for Primary Nonferrous Metals Area Sources—Zinc, Cadmium, and Beryllium**

achieve compliance with applicable provisions in this subpart upon initial startup.

**PRIMARY ZINC PRODUCTION FACILITIES**

SOURCE: 72 FR 2955, Jan. 23, 2007, unless otherwise noted.

**APPLICABILITY AND COMPLIANCE DATES**

**§ 63.11160 Am I subject to this subpart?**

(a) You are subject to this subpart if you own or operate a primary zinc production facility or primary beryllium production facility that is an area source of hazardous air pollutant (HAP) emissions.

(b) The affected source is each existing or new primary zinc production facility or primary beryllium production facility.

(1) An affected source is existing if you commenced construction or reconstruction of the affected source before October 6, 2006.

(2) An affected source is new if you commenced construction or reconstruction of the affected source on or after October 6, 2006.

(c) If you own or operate a new or existing affected source, you must obtain a permit under 40 CFR part 70 or 71.

**§ 63.11161 What are my compliance dates?**

(a) If you have an existing affected source, you must achieve compliance with applicable provisions in this subpart by January 23, 2007. If you startup a new sintering machine at an existing affected source after January 23, 2007, you must achieve compliance with the applicable provisions in this subpart not later than 180 days after startup.

(b) If you have a new affected source, you must achieve compliance with applicable provisions in this subpart according to the dates in paragraphs (b)(1) and (2) of this section.

(1) If you startup a new affected source on or before January 23, 2007, you must achieve compliance with applicable provisions in this subpart not later than January 23, 2007.

(2) If you startup a new affected source after January 23, 2007, you must

**§ 63.11162 What are the standards and compliance requirements for existing sources?**

(a) You must exhaust the off-gases from each roaster to a particulate matter (PM) control device and to a sulfuric acid plant, including during the charging of the roaster.

(b) Except as provided in paragraph (b)(6) of this section, you must not discharge to the atmosphere any gases which contain PM in excess of the emissions limits in paragraphs (b)(1) through (5) of this section.

(1) 0.93 pound per hour (lb/hr) from the exhaust vent of a zinc cathode melting furnace.

(2) 0.1 lb/hr from the exhaust vent of a furnace that melts zinc dust, zinc chips, and/or other materials containing zinc.

(3) 0.228 lb/hr from the vent for the combined exhaust from a furnace melting zinc scrap and an alloy furnace.

(4) 0.014 grains per dry standard cubic foot (gr/dscf) from the exhaust vent of an anode casting furnace.

(5) 0.015 gr/dscf from the exhaust vent of a cadmium melting furnace.

(6) You may elect to meet an emissions limit of 0.005 gr/dscf as an alternative to the emissions limits in lb/hr in paragraphs (b)(1) through (3) of this section.

(c) You must establish an operating range for pressure drop for each baghouse applied to a furnace subject to an emissions limit in paragraph (b) of this section based on the minimum and maximum values recorded during a performance test that demonstrates compliance with the applicable PM emissions limit. Alternatively, you may use an operating range that has been previously established and approved by your permitting authority within the past 5 years. You must monitor the pressure drop daily, maintain the pressure drop for each baghouse within the established operating range, and record the pressure drop measurement in a daily log. You must perform routine maintenance on each baghouse and record maintenance activities in a

baghouse maintenance log. Baghouse maintenance logs must include, but are not limited to, inspections, criteria for changing bag filters, and dates on which the bag filters are replaced. Both logs must be maintained in a suitable permanent form and kept available for inspection.

(d) If you own or operate a sintering machine at your facility, you must comply with the PM emissions limit in 40 CFR 60.172(a) and the opacity emissions limit in 40 CFR 60.174(a) for that sintering machine.

(e) If you own or operate a sintering machine at your facility, you must install and operate a continuous opacity monitoring system (COMS) for each sintering machine according to the requirements in 40 CFR 60.175(a). Each COMS must meet Performance Specification 1 (40 CFR part 60, appendix B).

(f) For each furnace at your facility subject to an emissions limit in paragraph (b) of this section, you must demonstrate initial compliance with the applicable PM emissions limit in paragraph (b) of this section based on the results of a performance test for that furnace. If you own or operate a sintering machine, you must also demonstrate initial compliance with the PM and opacity emissions limits in paragraph (d) of this section based on the results of a performance test for that sintering machine.

(1) You may certify initial compliance for a furnace (and sintering machine, if applicable) based on the results of a previous performance test conducted during the past 5 years.

(2) If you have not conducted a performance test to demonstrate compliance with the applicable emissions limits during the past 5 years, you must conduct a performance test within 180 days of your compliance date and report the results in your notification of compliance status. If a furnace subject to an emissions limit in paragraph (b) of this section is not operating on the compliance date and subsequently resumes operation, you must conduct a performance test within 180 days of startup and report the results in your notification of compliance status.

(3) You must conduct each PM test for a furnace according to § 63.7(e)(1) using the test methods and procedures

in paragraphs (f)(3)(i) through (v) of this section.

(i) Method 1 or 1A (40 CFR part 60, appendix A) to select sampling port locations and the number of traverse points in each stack or duct. Sampling sites must be located at the outlet of the control device (or at the outlet of the emissions source if no control device is present) prior to any releases to the atmosphere.

(ii) Method 2, 2A, 2C, 2D, 2F, or 2G (40 CFR part 60, appendix A) to determine the volumetric flow rate of the stack gas.

(iii) Method 3, 3A, or 3B (40 CFR part 60, appendix A) to determine the dry molecular weight of the stack gas. You may use ANSI/ASME PTC 19.10-1981, "Flue and Exhaust Gas Analyses (incorporated by reference—see § 63.14) as an alternative to EPA Method 3B.

(iv) Method 4 (40 CFR part 60, appendix A) to determine the moisture content of the stack gas.

(v) Method 5 (40 CFR part 60, appendix A) to determine the PM concentration for a negative pressure baghouse, Method 5D (40 CFR part 60, appendix A) for a positive pressure baghouse, or an alternative method previously approved by your permitting authority. A minimum of three valid test runs are needed to comprise a PM performance test.

(4) You must conduct each PM test for a sintering machine according to § 63.7(e)(1) and 40 CFR 60.176(b)(1) using the test methods in paragraph (f)(3) of this section. You must determine the PM concentration using EPA Method 5 (40 CFR part 60, appendix A). You may use ANSI/ASME PTC 19.10-1981, "Flue and Exhaust Gas Analyses" (incorporated by reference—see § 63.14) as an alternative to EPA Method 3B.

(5) You must conduct each opacity test for a sintering machine according to the requirements in § 63.6(h)(7). You must determine the opacity of emissions using EPA Method 9 (40 CFR part 60, appendix A).

(g) For each furnace subject to an emissions limit in paragraph (b) of this section, you must conduct subsequent performance tests according to the requirements in paragraph (f)(3) of this section to demonstrate compliance

with the applicable PM emissions limit for the furnace every 5 years.

(h) You must submit a notification to your permitting authority of any deviation from the requirements of this subpart within 30 days after the deviation. The notification must describe the probable cause of the deviation and any corrective actions or preventative measures taken.

(i) You must submit semiannual monitoring reports to your permitting authority containing the results for all monitoring required by this subpart. All deviations that occur during the reporting period must be clearly identified.

(j) You must keep records of all required monitoring data and support information. Support information includes all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation and copies of all reports required by this subpart.

(k) You must comply with the operation and maintenance requirements specified in paragraphs (k)(1) and (2) of this section and the requirements for emergency situations specified in paragraph (k)(3) or (4) of this section.

(1) You must maintain all equipment covered under this subpart in such a manner that the performance or operation of such equipment does not cause a deviation from the applicable requirements.

(2) You must keep a maintenance record for each item of air pollution control equipment. At a minimum, this record must show the dates of performing maintenance and the nature of preventative maintenance activities.

(3) Except as specified in paragraph (k)(4) of this section, in the event of an emergency situation you must comply with the requirements in paragraphs (k)(3)(i) through (iii) of this section. For the purpose of complying with this paragraph, an emergency situation is any situation arising from sudden and reasonably unforeseeable events beyond the control of the facility owner or operator that require immediate corrective action to restore normal operation, and that cause the affected source to exceed applicable emission limitation under this subpart, due to unavoidable increases in emissions at-

tributable to the emergency. An emergency must not include noncompliance to the extent it is caused by improperly designed equipment, lack of preventative maintenance, careless or improper operation, or operator error.

(i) During the period of the emergency you must implement all reasonable steps to minimize levels of emissions that exceeded the emission standards or other applicable requirements in this subpart.

(ii) You must document through signed contemporaneous logs or other relevant evidence that an emergency occurred and you can identify the probable cause, your facility was being operated properly at the time the emergency occurred, and the corrective actions taken to minimize emissions as required by paragraph (k)(3)(i) of this section.

(iii) You must submit a notice of the emergency to the permitting authority within two working days of the time when emission limitations were exceeded due to the emergency (or an alternative timeframe acceptable to the permitting authority). This notice must contain a description of the emergency, any steps taken to mitigate emissions, and corrective actions taken.

(4) As an alternative to the requirements in paragraph (k)(3) of this section, you must comply with the startup, shutdown, and malfunction requirements in 40 CFR 63.6(e)(3).

**§ 63.11163 What are the standards and compliance requirements for new sources?**

(a) You must exhaust the off-gases from each roaster to a PM control device and to a sulfuric acid plant, including the charging of the roaster.

(b) You must not discharge to the atmosphere any gases which contain PM in excess of the emissions limits in paragraphs (b)(1) through (3) of this section.

(1) 0.005 gr/dscf from the exhaust vent of a zinc cathode melting furnace; scrap zinc melting furnace; furnace melting zinc dust, zinc chips, and other materials containing zinc; and alloy melting furnace.

(2) 0.014 gr/dscf from the exhaust vent of an anode casting furnace.

## Environmental Protection Agency

§ 63.11163

(3) 0.015 gr/dscf from the exhaust vent of a cadmium melting furnace.

(c) For each melting furnace, you must install and operate a capture system that collects gases and fumes from the melting furnace and from the transfer of molten materials and conveys the collected gases to a control device.

(d) You must install, operate, and maintain a bag leak detection system on all baghouses used to comply with the PM emissions limit in paragraph (b) of this section according to paragraph (d)(1) of this section, prepare and operate by a site-specific monitoring plan according to paragraph (d)(2) of this section, take corrective action according to paragraph (d)(3) of this section, and record information according to paragraph (d)(4) of this section.

(1) Each bag leak detection system must meet the specifications and requirements in paragraphs (d)(1)(i) through (viii) of this section.

(i) The bag leak detection system must be certified by the manufacturer to be capable of detecting PM emissions at concentrations of 1 milligram per actual cubic meter (0.00044 grains per actual cubic foot) or less.

(ii) The bag leak detection system sensor must provide output of relative PM loadings. The owner or operator must continuously record the output from the bag leak detection system using electronic or other means (e.g., using a strip chart recorder or a data logger.)

(iii) The bag leak detection system must be equipped with an alarm system that will sound when the system detects an increase in relative particulate loading over the alarm set point established according to paragraph (d)(1)(iv) of this section, and the alarm must be located such that it can be heard by the appropriate plant personnel.

(iv) In the initial adjustment of the bag leak detection system, you must establish, at a minimum, the baseline output by adjusting the sensitivity (range) and the averaging period of the device, the alarm set points, and the alarm delay time.

(v) Following initial adjustment, you must not adjust the averaging period, alarm set point, or alarm delay time

without approval from the Administrator or delegated authority except as provided in paragraph (d)(1)(vi) of this section.

(vi) Once per quarter, you may adjust the sensitivity of the bag leak detection system to account for seasonal effects, including temperature and humidity, according to the procedures identified in the site-specific monitoring plan required by paragraph (d)(2) of this section.

(vii) You must install the bag leak detection sensor downstream of the baghouse and upstream of any wet scrubber.

(viii) Where multiple detectors are required, the system's instrumentation and alarm may be shared among detectors.

(2) You must develop and submit to the Administrator or delegated authority for approval a site-specific monitoring plan for each bag leak detection system. You must operate and maintain the bag leak detection system according to the site-specific monitoring plan at all times. Each monitoring plan must describe the items in paragraphs (d)(2)(i) through (vi) of this section.

(i) Installation of the bag leak detection system;

(ii) Initial and periodic adjustment of the bag leak detection system, including how the alarm set-point will be established;

(iii) Operation of the bag leak detection system, including quality assurance procedures;

(iv) How the bag leak detection system will be maintained, including a routine maintenance schedule and spare parts inventory list;

(v) How the bag leak detection system output will be recorded and stored; and

(vi) Corrective action procedures as specified in paragraph (d)(3) of this section. In approving the site-specific monitoring plan, the Administrator or delegated authority may allow owners and operators more than 3 hours to alleviate a specific condition that causes an alarm if the owner or operator identifies in the monitoring plan this specific condition as one that could lead to an alarm, adequately explains why it is not feasible to alleviate this condition within 3 hours of the time the

alarm occurs, and demonstrates that the requested time will ensure alleviation of this condition as expeditiously as practicable.

(3) For each bag leak detection system, you must initiate procedures to determine the cause of every alarm within 1 hour of the alarm. Except as provided in paragraph (d)(2)(vi) of this section, you must alleviate the cause of the alarm within 3 hours of the alarm by taking whatever corrective action(s) are necessary. Corrective actions may include, but are not limited to the following:

(i) Inspecting the baghouse for air leaks, torn or broken bags or filter media, or any other condition that may cause an increase in particulate emissions;

(ii) Sealing off defective bags or filter media;

(iii) Replacing defective bags or filter media or otherwise repairing the control device;

(iv) Sealing off a defective baghouse compartment;

(v) Cleaning the bag leak detection system probe or otherwise repairing the bag leak detection system; or

(vi) Shutting down the process producing the particulate emissions.

(4) You must maintain records of the information specified in paragraphs (d)(4)(i) through (iii) of this section for each bag leak detection system.

(i) Records of the bag leak detection system output;

(ii) Records of bag leak detection system adjustments, including the date and time of the adjustment, the initial bag leak detection system settings, and the final bag leak detection system settings; and

(iii) The date and time of all bag leak detection system alarms, the time that procedures to determine the cause of the alarm were initiated, if procedures were initiated within 1 hour of the alarm, the cause of the alarm, an explanation of the actions taken, the date and time the cause of the alarm was alleviated, and if the alarm was alleviated within 3 hours of the alarm.

(e) If there is a sintering machine at your primary zinc production facility, you must comply with the PM emissions limit in 40 CFR 60.172(a) and the

opacity emissions limit in 40 CFR 60.174(a) for that sintering machine.

(f) If there is a sintering machine at your primary zinc production facility, you must install and operate a COMS for each sintering machine according to the requirements in 40 CFR 60.175(a). Each COMS must meet EPA Performance Specification 1 (40 CFR part 60, appendix B).

(g) For each furnace (and sintering machine, if applicable) at your facility, you must conduct a performance test to demonstrate initial compliance with each applicable PM emissions limit for that furnace (and the PM and opacity limits for a sintering machine, if applicable) within 180 days after startup and report the results in your notification of compliance status.

(1) You must conduct each PM test for a furnace according to § 63.7(e)(1) using the test methods and procedures in paragraphs (g)(1)(i) through (v) of this section.

(i) Method 1 or 1A (40 CFR part 60, appendix A) to select sampling port locations and the number of traverse points in each stack or duct. Sampling sites must be located at the outlet of the control device (or at the outlet of the emissions source if no control device is present) prior to any releases to the atmosphere.

(ii) Method 2, 2A, 2C, 2D, 2F, or 2G (40 CFR part 60, appendix A) to determine the volumetric flow rate of the stack gas.

(iii) Method 3, 3A, or 3B (40 CFR part 60, appendix A) to determine the dry molecular weight of the stack gas. You may use ANSI/ASME PTC 19.10-1981, "Flue and Exhaust Gas Analyses" (incorporated by reference—see § 63.14) as an alternative to EPA Method 3B.

(iv) Method 4 (40 CFR part 60, appendix A) to determine the moisture content of the stack gas.

(v) Method 5 (40 CFR part 60, appendix A) to determine the PM concentration for negative pressure baghouses or Method 5D (40 CFR part 60, appendix A) for positive pressure baghouses. A minimum of three valid test runs are needed to comprise a PM performance test.

(2) You must conduct each PM test for a sintering machine according to § 63.7(e)(1) and 40 CFR 60.176(b)(1) using the test methods in paragraph (g)(1) of

## Environmental Protection Agency

## § 63.11164

this section. You must determine the PM concentration using EPA Method 5 (40 CFR part 60, appendix A). You may use ANSI/ASME PTC 19.10-1981, "Flue and Exhaust Gas Analyses" (incorporated by reference—see § 63.14) as an alternative to EPA Method 3B.

(3) You must conduct each opacity test for a sintering machine according to the requirements in § 63.6(h)(7). You must determine the opacity of emissions using EPA Method 9 (40 CFR part 60, appendix A).

(h) You must conduct subsequent performance tests according to the requirements in paragraph (g)(1) of this section for each furnace subject to an emissions limit in paragraph (b) of this section to demonstrate compliance at least once every 5 years.

(i) If you use a control device other than a baghouse, you must prepare and submit a monitoring plan to the Administrator for approval. Each plan must contain the information in paragraphs (i)(1) through (5) of this section.

(1) A description of the device;

(2) Test results collected in accordance with paragraph (g) of this section verifying the performance of the device for reducing PM and opacity to the levels required by this subpart;

(3) Operation and maintenance plan for the control device (including a preventative maintenance schedule consistent with the manufacturer's instructions for routine and long-term maintenance) and continuous monitoring system;

(4) A list of operating parameters that will be monitored to maintain continuous compliance with the applicable emission limits; and

(5) Operating parameter limits based on monitoring data collected during the performance test.

(i) As an alternative to the startup, shutdown, and malfunction requirements in 40 CFR 63.6(e)(3), you must comply with the requirements specified in this paragraph. In the event of an emergency situation, you must comply with the requirements in paragraphs (i)(1) through (3) of this section. For the purpose of complying with this paragraph, an emergency situation is any situation arising from sudden and reasonably unforeseeable events beyond the control of the facility owner

or operator that require immediate corrective action to restore normal operation, and that cause the affected source to exceed applicable emission limitation under this subpart, due to unavoidable increases in emissions attributable to the emergency. An emergency must not include noncompliance to the extent it is caused by improperly designed equipment, lack of preventive maintenance, careless or improper operation, or operator error.

(1) During the period of the emergency you must implement all reasonable steps to minimize levels of emissions that exceeded the emission standards or other applicable requirements in this subpart.

(2) You must document through signed contemporaneous logs or other relevant evidence that an emergency occurred and you can identify the probable cause, your facility was being operated properly at the time the emergency occurred, and the corrective actions taken to minimize emissions as required by paragraph (i)(1) of this section.

(3) You must submit a notice of the emergency to the permitting authority within two working days of the time when emission limitations were exceeded due to the emergency (or an alternative timeframe acceptable to the permitting authority). This notice must contain a description of the emergency, any steps taken to mitigate emissions, and corrective actions taken.

### **§ 63.11164 What General Provisions apply to primary zinc production facilities?**

(a) If you own or operate an existing affected source, you must comply with the requirements of the General Provisions in 40 CFR part 63, subpart A, according to Table 1 to this subpart and paragraphs (a)(1) through (3) of this section.

(1) Your notification of compliance status required by § 63.9(h) must include this certification of compliance, signed by a responsible official, for the work practice standards in § 63.11162(a): "This facility complies with the work practice standards in § 63.11162(a)."

(2) If you certify compliance with the PM emissions limits in § 63.11162(b)

## § 63.11165

based on a previous performance test, your notification of compliance status required by § 63.9(h) must include this certification of compliance, signed by a responsible official: “This facility complies with the PM emissions limits in § 63.11162(b) based on a previous performance test.”

(3) If you conduct a new performance test to demonstrate compliance with the PM emissions limits for a furnace in § 63.11162(b), your notification of compliance status required by § 63.9(h) must include the results of the performance test, including required monitoring data.

(b) If you own or operate a new affected source, you must comply with the requirements of the General Provisions (40 CFR part 63, subpart A) as provided in Table 1 to this subpart and paragraphs (b)(1) through (4) of this section.

(1) Your notification of compliance status required in § 63.9(h) must include the results of the initial performance tests, including required monitoring data.

(2) Your notification of compliance status required by § 63.9(h) must include this certification of compliance, signed by a responsible official, for the work practice standard in § 63.11163(a): “This facility complies with the work practice standards in § 63.11163(a).”

(3) Your notification of compliance status required by § 63.9(h) must include this certification of compliance, signed by a responsible official, for the capture system requirements in § 63.11163(c): “This facility has installed capture systems according to § 63.11163(c).”

(4) If you use a baghouse that is subject to the requirements in § 63.11163(d), your notification of compliance status required by § 63.9(h) must include this certification of compliance, signed by a responsible official, for the bag leak detection system requirements in § 63.11163(d): “This facility has an approved monitoring plan in accordance with § 63.11163(d).”

(5) If you use control devices other than baghouses, your notification of compliance status required by § 63.9(h) must include this certification of compliance, signed by a responsible official for the monitoring plan requirements

## 40 CFR Ch. I (7–1–15 Edition)

in § 63.11163(i): “This facility has an approved monitoring plan in accordance with § 63.11163(i).”

### PRIMARY BERYLLIUM PRODUCTION FACILITIES

#### § 63.11165 What are the standards and compliance requirements for new and existing sources?

You must comply with the requirements in 40 CFR 61.32 through 40 CFR 61.34 of the National Emission Standards for Beryllium (40 CFR part 61, subpart C).

#### § 63.11166 What General Provisions apply to primary beryllium production facilities?

(a) You must comply with all of the requirements of the General Provisions in 40 CFR part 61, subpart A.

(b) You must comply with the requirements of the General Provisions in 40 CFR part 63, subpart A, that are specified in paragraphs (b)(1) and (2) of this section.

(1) Section 63.1(a)(1) through (10).

(2) Section 63.1(b) except paragraph (b)(3), § 63.1(c), and § 63.1(e).

### OTHER REQUIREMENTS AND INFORMATION

#### § 63.11167 What definitions apply to this subpart?

Terms used in this subpart are defined in the CAA; 40 CFR 60.2; 60.171; 61.02; 61.31; 61.61; 63.2; and in this section as follows:

*Alloy furnace* means any furnace used to melt alloys or to produce zinc that contains alloys.

*Anode casting furnace* means any furnace that melts materials to produce the anodes used in the electrolytic process for the production of zinc.

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

## Environmental Protection Agency

## § 63.11168

*Cadmium melting furnace* means any furnace used to melt cadmium or produce cadmium oxide from the cadmium recovered in the zinc production process.

*Capture system* means the collection of equipment 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.

*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.

*Primary beryllium production facility* means any establishment engaged in the chemical processing of beryllium ore to produce beryllium metal, alloy, or oxide, or performing any of the intermediate steps in these processes. A primary beryllium production facility may also be known as an extraction plant.

*Primary zinc production facility* means an installation engaged in the production, or any intermediate process in the production, of zinc or zinc oxide from zinc sulfide ore concentrates through the use of pyrometallurgical techniques.

*Responsible official* means responsible official as defined in 40 CFR 70.2.

*Roaster* means any facility in which a zinc sulfide ore concentrate charge is heated in the presence of air to eliminate a significant portion (more than

10 percent) of the sulfur contained in the charge.

*Sintering machine* means any furnace in which calcines are heated in the presence of air to agglomerate the calcines into a hard porous mass called sinter.

*Sulfuric acid plant* means any facility producing sulfuric acid from the sulfur dioxide (SO<sub>2</sub>) in the gases from the roaster.

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

*Zinc cathode melting furnace* means any furnace used to melt the pure zinc from the electrolytic process.

### § 63.11168 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 your State, local, or tribal agency.

(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 paragraphs (c) and (d) 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) For primary zinc production facilities subject to this subpart, 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 test methods 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



**Pt. 63, Subpt. GGGGG, Table 1**

**40 CFR Ch. I (7–1–15 Edition)**

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.

(d) For primary beryllium manufacturing facilities subject to this subpart, the authorities that will not be delegated to State, local, or tribal agencies are listed in paragraphs (d)(1) through (4) of this section.

(1) Approval of an alternative non-opacity emissions standard under 40 CFR 61.12(d).

(2) Approval of a major change to test methods under 40 CFR 61.13(h). A “major change to test method” is defined in §63.90.

(3) Approval of a major change to monitoring under 40 CFR 61.14(g). A “major change to monitoring” is defined in §63.90.

(4) Approval of a major change to recordkeeping/reporting under 40 CFR 61.10. A “major change to recordkeeping/reporting” is defined in §63.90.

**TABLE 1 TO SUBPART GGGGG OF PART 63—APPLICABILITY OF GENERAL PROVISIONS TO PRIMARY ZINC PRODUCTION AREA SOURCES**

As required in §63.11164(a) and (b), you must comply with the requirements of the NESHAP General Provisions (40 CFR part 63, subpart A) as shown in the following table.

Citation	Subject	Applies to subpart GGGGG	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 Compliance Dates.	Yes.	
63.6(e) .....	Operation and Maintenance Requirements.	Yes/No .....	Operation and maintenance requirements do not apply to existing sources except that the startup, shutdown, and malfunction requirements in §63.6(e)(3) are allowed as an alternative to the rule requirements for emergency situations. Operation and maintenance requirements apply to new sources except that the rule requirements for emergency situations are allowed as an alternative to the startup, shutdown, and malfunction requirements in §63.6(e)(3).
63.6(f), (g), (i), (j) .....	Compliance with Nonopacity Emission Standards.	Yes.	
63.6(b)(6), (c)(3), (c)(4), (d), (e)(2), (e)(3)(ii), (h)(3), (h)(5)(iv).	Reserved .....	No.	
63.6(h)(1)–(h)(4), (h)(5)(i)–(h)(5)(iii), (h)(6)–(h)(9).	.....	Yes.	
63.7(a), (e), (f), (g), (h) .....	Performance Testing Requirements.	Yes.	
63.7(b), (c) .....	.....	Yes/No .....	Notification of performance tests and quality assurance program apply to new sources but not existing sources.

Citation	Subject	Applies to subpart GGGGGG	Explanation
63.8(a)(1), (a)(2), (b), (c), (f), (g)	Monitoring Requirements .....	Yes .....	Requirements in § 63.6(c)(4)(i)–(ii), (c)(5), (c)(6), (d), (e), (f)(6), and (g) apply if a COMS is used.
63.8(a)(3) .....	Reserved .....	No.	
63.8(a)(4) .....	.....	No .....	Subpart GGGGGG does not require flares.
63.8(d), (e) .....	.....	Yes/No .....	Requirements for quality control program and performance evaluations apply to new sources but not existing sources.
63.9(a), (b)(1), (b)(2), (b)(5), (c), (d), (f), (g), (h)(1)–(h)(3), (h)(5), (h)(6), (i), (j).	Notification Requirements .....	Yes/No .....	Notification of performance tests and opacity or visible emissions observations apply to new sources but not existing sources.
63.9(b)(3), (h)(4) .....	Reserved .....	No.	
63.9(b)(4) .....	.....	No.	
63.10(a), (b)(1), (b)(2)(i)–(v), (d)(4), (d)(5)(i), (f).	Recordkeeping and Reporting Requirements .....	Yes.	
63.10(b)(2), (b)(3), (c)(1), (c)(5)–(c)(8), (c)(10)–(c)(15), (d)(1)–(d)(3), (d)(5)(ii), (e)(1), (e)(2), (e)(4).	.....	Yes/No .....	Recordkeeping and reporting requirements apply to new sources but not existing sources.
63.10(c)(2)–(c)(4), (c)(9) .....	Reserved .....	No.	
63.10(e)(3) .....	.....	Yes/No .....	Reporting requirements apply to new sources but not existing sources.
63.11 .....	Control Device Requirements ....	No .....	Subpart GGGGGG does not require flares.
63.12 .....	State Authorities and Delegations.	Yes.	
63.13 .....	Addresses .....	Yes.	
63.14 .....	Incorporations by Reference .....	Yes.	
63.15 .....	Availability of Information and Confidentiality.	Yes.	
63.16 .....	Performance Track Provisions ...	Yes.	

**Subpart HHHHHH—National Emission Standards for Hazardous Air Pollutants: Paint Stripping and Miscellaneous Surface Coating Operations at Area Sources**

SOURCE: 73 FR 1759, Jan. 9, 2008, unless otherwise noted.

**WHAT THIS SUBPART COVERS**

**§ 63.11169 What is the purpose of this subpart?**

Except as provided in paragraph (d) of this section, this subpart establishes national emission standards for hazardous air pollutants (HAP) for area sources involved in any of the activities in paragraphs (a) through (c) of this section. This subpart also establishes requirements to demonstrate initial and continuous compliance with

the emission standards contained herein.

(a) Paint stripping operations that involve the use of chemical strippers that contain methylene chloride (MeCl), Chemical Abstract Service number 75092, in paint removal processes;

(b) Autobody refinishing operations that encompass motor vehicle and mobile equipment spray-applied surface coating operations;

(c) Spray application of coatings containing compounds of chromium (Cr), lead (Pb), manganese (Mn), nickel (Ni), or cadmium (Cd), collectively referred to as the target HAP to any part or product made of metal or plastic, or combinations of metal and plastic that are not motor vehicles or mobile equipment.

(d) This subpart does not apply to any of the activities described in paragraph (d)(1) through (6) of this section.