

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