(2) Smelting furnace lead taps and molds;

(3) Smelting furnace slag taps and molds;

(4) Refining kettles;

(5) Dryer transition pieces; and

(6) Agglomerating furnace product taps.

(b) All process fugitive emission sources listed in paragraphs (a)(1) through (a)(6) of this section shall be controlled by an enclosure hood meeting the requirements of paragraphs (b)(1), (b)(2), or (b)(3) of this section except those meeting the requirements of paragraph (c) of this section. All enclosure hoods shall be ventilated to a control device that shall not discharge to the atmosphere any gases that contain lead compounds in excess of 2.0 milligrams of lead per dry standard cubic meter (0.00087 grains of lead per dry standard cubic foot). (1) All process fugitive enclosure hoods except those specified for refining kettles and dryer transition pieces shall be ventilated to maintain a face velocity of at least 90 meters per minute (300 feet per minute) at all hood openings.

(2) Process fugitive enclosure hoods required for refining kettles in paragraph (a) of this section shall be ventilated to maintain a face velocity of at least 75 meters per minute (250 feet per minute).

(3) Process fugitive enclosure hoods required over dryer transition pieces in paragraph (a) of this section shall be ventilated to maintain a face velocity of at least 110 meters per minute (350 feet per minute).

(c) All process fugitive emission sources listed in paragraphs (a)(1) through (a)(6) of this section except those controlled by hoods meeting the requirements of paragraphs (b)(1) through (b)(3) of this section shall be located in a total enclosure that is ventilated to achieve an air velocity into the enclosure at all doorway openings of not less than 75 meters per minute (250 feet per minute). This enclosure shall be ventilated to a control device that shall not discharge to the atmosphere any gases that contain lead compounds in excess of 2.0 milligrams of lead per dry standard cubic meter (0.00087 grains per dry standard cubic foot).

(d) All dryer emission vents and agglomerating furnace emission vents shall be ventilated to a control device that shall not discharge to the atmosphere any gases that contain lead compounds in excess of 2.0 milligrams of lead per dry standard cubic meter (0.00087 grains per dry standard cubic foot).

(e) The standards for process fugitive sources are summarized in table 3.

TABLE 3 -SUM	MARY OF STAND	DARDS FOR P	PROCESS FU	GITIVE SOURCES

Fugitive emission source	Control de- vice lead compound emission limit (milli- grams per dry stand- ard cubic meter)	Enclosed hood or doorway face velocity (meters/ minute)	Citation
Control Option I:			
Smelting furnace and dryer charging hoppers, chutes, and skip hoists		¹ 90	§63.544(b)
Smelting furnace lead taps and molds		¹ 90	§63.544(b)
Smelting furnace slag taps and molds		¹ 90	§63.544(b)
Refining kettles	2.0	¹ 75	§ 63.544(b)
Dryer transition pieces	2.0	¹ 110	§ 63.544(b)
Agglomerating furnace process vents and product taps	2.0	¹ 90	§ 63.544(b)
Control Option II:			
Enclosed building ventilated to a control device	2.0	² 75	§63.544(c)
Applicable to Both Control Options:			
Dryer and agglomerating furnace emission vents	2.0		§63.544(d)

¹ Enclosure hood face velocity applicable to those process fugitive sources not located in an enclosed building ventilated to a control device. ² Building doorway air velocity measured at all doorways that are normally open during operations.

§ 63.545 Standards for fugitive dust sources.

(a) Each owner or operator of a secondary lead smelter shall prepare and at all times operate according to a standard operating procedures manual that describes in detail the measures that will be put in place to control fugitive dust emission sources within the areas of the secondary lead smelter listed in paragraphs (a)(1) through (a)(5) of this section.

- (1) Plant roadways;
- (2) Battery breaking area;

(3) Furnace area;

(4) Refining and casting area; and

(5) Materials storage and handling area.

(b) The standard operating procedures manual shall be submitted to the

Administrator or delegated authority for review and approval.

(c) The controls specified in the standard operating procedures manual shall at a minimum include the requirements of paragraphs (c)(1) through (c)(5) of this section.

(1) Plant roadways—paving of all areas subject to vehicle traffic and pavement cleaning twice per day of those areas, except on days when natural precipitation makes cleaning unnecessary or when sand or a similar material has been spread on plant roadways to provide traction on ice or snow.

(2) Battery breaking area—partial enclosure of storage piles, wet suppression applied to storage piles with sufficient frequency and quantity to prevent the formation of dust, and pavement cleaning twice per day; or total enclosure of the battery breaking area in a structure meeting the requirements of 40 CFR 265.1101(a) and (c) and ventilation of the enclosure to a control device.

(3) Furnace area—partial enclosure and pavement cleaning twice per day; or total enclosure in a structure meeting the requirements of 40 CFR 265.1101(a) and (c) and ventilation of the enclosure to a control device.

(4) Refining and casting area—partial enclosure and pavement cleaning twice per day; or total enclosure in a structure meeting the requirements of 40 CFR 265.1101(a) and (c) and ventilation of the enclosure to a control device.