

**CHAPTER 128. ALTERNATIVE EMISSION REDUCTION
LIMITATIONS**

GENERAL PROVISIONS

Sec.

- 128.1. Procedure for submission of alternative emission reduction plans.
128.2. Adoption of alternative emission reduction option standards.

SPECIFIC LIMITATIONS

- 128.11—128.20. [Reserved].
128.21. St. Joe Resources Company; Potter Township, Beaver County,
Pennsylvania.
128.22. [Reserved].

Source

The provisions of this Chapter 128 amended March 20, 1981, effective March 21, 1981, 11 Pa.B. 1025 and 1251, unless otherwise noted.

GENERAL PROVISIONS

§ 128.1. Procedure for submission of alternative emission reduction plans.

(a) The Department may accept proposals from air contamination source owners or operators to implement an alternative emission reduction option for existing sources known as the “bubble” policy. General guidelines for proposing the plans are contained in the Environmental Protection Agency’s policy statement of December 11, 1979, at 44 FR 71, 780 (1979).

(b) Proposals by source owners and operators for an alternative emission reduction option shall be submitted in a plan approval application issued by the Department for the purpose. Approval of an alternative emission reduction plan will be incorporated in a revised permit to operate in accordance with the requirements of Chapter 127, Subchapter A (relating to general), and alternative emission requirements will be specified in this chapter.

(c) Regulatory changes in accordance with the act are necessary before the plan may be approved and the plan will be submitted as a revision to the applicable State implementation plan in accordance with the Clean Air Act. Under section 7 of the act (35 P.S. § 4007), the Department has been authorized to publish notice of proposed rulemaking and conduct public hearings concerning each alternative emission reduction option.

§ 128.2. Adoption of alternative emission reduction option standards.

(a) The owner or operator of an air contamination source which seeks an alternative emission reduction option shall submit a plan approval application under Chapter 127, Subchapter A (relating to general).

(b) The Department will make an initial determination concerning each plan application, and, if approvable, the Department will propose the amendments to regulations necessary to implement the alternative emission reduction plan for each source to the Environmental Quality Board.

(c) The Department is authorized to publish notice to the public of the time and place of a public hearing concerning the proposal for alternative emission reduction option. The notice will include a summary of the proposal and the text of amendments to the provisions of this part necessary to implement the alternative emission reduction option. The notice will be published in the *Pennsylvania Bulletin* as notice of proposed rulemaking in accordance with section 201 of the act of July 31, 1968 (P. L. 769, No. 240) (45 P. S. § 1201) and will be published by public advertisement in a newspaper of general circulation in the region where the source is located. Both notices will be published at least 30 days prior to the scheduled date of the public hearing.

(d) The Department is authorized to conduct public hearings and receive comments in accordance with section 7 of the act (35 P. S. § 4007).

SPECIFIC LIMITATIONS**§§ 128.11—128.14. [Reserved].****Source**

The provisions of these §§ 128.11—128.14 reserved September 4, 1998, effective September 5, 1998, 28 Pa.B. 4525. Immediately preceding text appears at serial pages (243410) to (243413).

§ 128.15. [Reserved].**Source**

The provisions of this § 128.15 adopted May 13, 1983, effective May 14, 1983, 13 Pa.B. 1636; reserved September 4, 1998, effective September 5, 1998, 28 Pa.B. 4525. Immediately preceding text appears at serial pages (243413) to (243415).

§ 128.16. [Reserved].**Source**

The provisions of this § 128.16 adopted January 7, 1983, effective January 8, 1983, 13 Pa.B. 130; reserved September 4, 1998, effective September 5, 1998, 28 Pa.B. 4525. Immediately preceding text appears at serial pages (243415) to (243416).

§§ 128.17—128.20. [Reserved].**Source**

The provisions of these §§ 128.17—128.20 adopted December 10, 1982, effective December 11, 1982, 12 Pa.B. 4235; reserved September 4, 1998, effective September 5, 1998, 28 Pa.B. 4525. Immediately preceding text appears at serial pages (243416) to (243420).

§ 128.21. St. Joe Resources Company; Potter Township, Beaver County, Pennsylvania.

(a) This section applies to the St. Joe Resources Company located in Potter Township, Beaver County, Pennsylvania, which includes the Coal Boiler # 1, Coal Boiler # 2, Sinter Machines (3) and the Roaster Plant (No. 9 Roaster or its equivalent).

(b) The sources identified in subsection (a) as Coal Boiler # 1 and Coal Boiler # 2 shall be relieved from compliance with the applicable requirements of § 123.22(d) (relating to combustion units) when in compliance with this section.

(c) The sources identified in subsection (a) as Sinter Machines (3) and Roaster Plant (No. 9 Roaster or its equivalent) may not emit sulfur dioxide in excess of 2,050 pounds per hour.

(d) The owner or operator may not cause or permit the emission of sulfur dioxide from the sources identified in subsection (a) as Coal Boiler # 1 and Coal Boiler # 2 in excess of all the following:

- (1) 1.2 pounds SO₂/million Btu maximum daily average.
- (2) 1,175 pounds SO₂ per hour, whichever is more restrictive.

(e) The owner or operator may not emit sulfur dioxide from the combination of sources identified in subsection (a) in excess of 3,127 pounds SO₂/hour.

(f) The owner or operator may not emit sulfur dioxide from sources identified in subsection (a) in excess of the quantities calculated by the following equations when determined on a 7-day running basis except for a period up to 45 continuous days during calendar year for annual maintenance outage on the Roaster Plant and Sinter Machines (3):

$$\sum_{i=1}^7 E_a \leq \sum_{i=1}^7 E_b$$

$$E_a \leq E_b$$

$$E_a = A_1 B_1 + A_2 B_2 + 1.65 \times 10^{-7} A_3 B_3 + 2A_4 B_4$$

$$E_b = 1.7 B_1^{0.86} H_1^{0.14} + 1.7 B_2^{0.86} H_2^{0.14} + 8.25 \times 10^{-5} B_3 + 0.054 B_4$$

where E_a = The combined actual emission rate for the sources listed in subsection (a) in pounds SO₂ per day.

E_b = The combined allowable emission rate as specified in Chapter 123 (relating to standards for contaminants) for the sources listed in subsection (a) in pounds SO₂ per day.

- A_1 = The actual emission rate in pounds SO₂ per million Btu for coal boiler # 1.
- A_2 = The actual emission rate in pounds SO₂ per million Btu for coal boiler # 2.
- A_3 = The actual SO₂ emission rate in parts per million volume (dry basis) for the roaster plant.
- A_4 = The actual sulfur content expressed as a decimal fraction by weight of the calcine and zinc scrap consumed in the sinter machines.
- B_1 = The actual heat input in millions Btu per day for coal boiler # 1.
- B_2 = The actual heat input in millions Btu per day for coal boiler # 2.
- B_3 = The actual volumetric gas flow rate in dry standard cubic feet per day for the roaster plant.
- B_4 = The actual calcine consumption rate in pounds per day plus the zinc scrap consumption rate in pounds per day for the sinter machines.
- H_1 = The actual hours of operation per day for coal boiler # 1.
- H_2 = The actual hours of operation per day for coal boiler # 2.

Authority

The provisions of this § 128.21 issued under section 5 of the Air Pollution Control Act (35 P. S. § 4005).

Source

The provisions of this § 128.21 adopted February 21, 1986, effective February 22, 1986, 16 Pa.B. 521.

§ 128.22. [Reserved].

Source

The provisions of this § 128.22 adopted December 26, 1986, effective December 27, 1986, 16 Pa.B. 4968; reserved September 4, 1998, effective September 5, 1998, 28 Pa.B. 4525. Immediately preceding text appears at serial pages (243421) to (243424).

[Next page is 129-1.]