**FINAL-OMITTED RULEMAKING**

**ANNEX A**

**TITLE 25. ENVIRONMENTAL PROTECTION**

**PART I. DEPARTMENT OF ENVIRONMENTAL PROTECTION**

**SUBPART C. PROTECTION OF NATURAL RESOURCES**

***ARTICLE III. AIR RESOURCES***

**CHAPTER 128. ALTERNATIVE EMISSION REDUCTION LIMITATIONS**

**§ 128.21. [~~St. Joe Resources Company; Potter Township, Beaver County, Pennsylvania.~~] [Reserved].**

**[ ~~(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 SO~~~~2~~~~/million Btu maximum daily average.~~**

**~~(2)  1,175 pounds SO~~~~2~~ ~~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 SO~~~~2~~~~/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):~~**

**~~E~~~~a~~ ~~= A~~~~1~~~~B~~~~1~~ ~~+ A~~~~2~~~~B~~~~2~~ ~~+ 1.65x10~~~~-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~~ ~~+ 8.25x10~~~~-5~~~~B~~~~3~~ ~~+ 0.054B~~~~4~~**

**~~where E~~~~a~~ ~~= The combined actual emission rate for the sources listed in subsection (a) in pounds SO~~~~2~~ ~~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 SO~~~~2~~ ~~per day.~~**

**~~A~~~~1~~ ~~= The actual emission rate in pounds SO~~~~2~~ ~~per million Btu for coal boiler # 1.~~**

**~~A~~~~2~~ ~~= The actual emission rate in pounds SO~~~~2~~ ~~per million Btu for coal boiler # 2.~~**

**~~A~~~~3~~ ~~= The actual SO~~~~2~~ ~~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.~~]**