

3745-18-53

**Lorain county emission limits.**

(A) Except as otherwise specified in this rule, no owner or operator of any fossil-fuel fired steam generating unit in Lorain county shall cause or permit the emission of sulfur dioxide to exceed the following limits from any stack:

(1) The emission limit for sources between 10.0 and 100.0 MM Btu per hour total rated capacity shall be calculated from the following equation:

$$EL = 21.176 Q_m^{-0.5477}$$

where  $Q_m$  is the total rated capacity in MM Btu per hour and EL is the allowed emission rate in pounds of sulfur dioxide per MM Btu actual heat input; and

(2) The emission limit for sources greater than, or equal to, 100.0 MM Btu per hour total rated capacity shall be 1.70 pounds of sulfur dioxide per MM Btu actual heat input.

(B) The "Avon Lake Power Plant" (OEPA premise number 0247030013) or any subsequent owner or operator of the "Avon Lake Power Plant, 33570 Lake Road, Avon Lake, Ohio" shall not cause or permit the emission of sulfur dioxide from ~~boiler number 10 (unit 7) and~~ boiler number 12 (unit 9) (OEPA source ~~numbers~~number B010 and B012) to exceed a maximum of 4.65 pounds of sulfur dioxide per MM Btu actual heat input from ~~each~~the unit.

(C) [Reserved.]

(D) The "Republic Steel, f/k/a Republic Engineered Products, Inc." (OEPA premise number 0247080229) or any subsequent owner or operator of the "Republic Steel, f/k/a Republic Engineered Products, Inc., 1807 East 28th Street, Lorain, Ohio" shall not cause or permit the combustion of coke-oven gas with a total sulfur content expressed as hydrogen sulfide in excess of 368 grains of hydrogen sulfide per one hundred dry standard cubic feet of coke-oven gas and shall not cause or permit the emission of sulfur dioxide from the following sources to exceed the amounts indicated:

(1) Blast furnace boiler numbers 7 to 9 (OEPA source numbers B007 to B009); a maximum of 1.2 pounds of sulfur dioxide per MM Btu actual heat input from each boiler and a maximum of 1760 pounds of sulfur dioxide per hour from all three boilers.

(2) [Reserved.]

- (3) Blast furnace boiler number 13 (OEPA source number B013); a maximum of 0.31 pounds of sulfur dioxide per MM Btu actual heat input.
- (4) All other operations a maximum of 1.98 pounds of sulfur dioxide per MM Btu actual heat input from each stack.
- (E) The "Oberlin College" (OEPA premise number 0247100408); or any subsequent owner or operator of the "Oberlin College, 173 West Lorain Street, Oberlin, Ohio" shall not cause or permit the emission of sulfur dioxide from boiler number 3 (OEPA source number B003) to exceed a maximum of 0.36 pounds of sulfur dioxide per MM Btu actual heat input.
- (F) [Reserved.]
- (G) The "U. S. Steel Seamless Tubular Operations, LLC - Lorain" (Ohio EPA premise number 0247080961); or any subsequent owner or operator of the "U. S. Steel Seamless Tubular Operations, LLC - Lorain, 2199 E. 28th Street, Lorain, Ohio" shall not cause or permit the emission of sulfur dioxide from no. 4 seamless mill rotary furnace (OEPA source number P039) to exceed a maximum of 1.98 pounds of sulfur dioxide per MM Btu actual heat input from any stack and a maximum of one hundred seventy-eight pounds of sulfur dioxide per hour.