

3745-18-82

**Stark county emission limits.**

(A) No owner or operator of ~~the following types of facilities~~ a facility in Stark county, unless otherwise specified in this rule, shall cause or permit the emission of sulfur dioxide from any stack in excess of the following rates ~~specified below~~:

(1) For fossil fuel-fired steam generating units between ten and sixty MM Btu per hour total rated heat input capacity, the emission rate in pounds of sulfur dioxide per MM Btu actual heat input shall be calculated by the following equation:

$$EL = 18.48Qm^{-0.4886}$$

where:

Qm is the total rated capacity of heat input in MM Btu per hour, and

EL is the allowable emission rate in pounds of sulfur dioxide per MM Btu actual heat input.

(2) For fossil fuel-fired steam generating units equal to or greater than sixty MM Btu per hour total rated heat input capacity, 2.50 pounds of sulfur dioxide per MM Btu actual heat input.

(3) No owner or operator of any process equipment shall cause or permit the emission of sulfur dioxide from any stack in excess of 80.0 pounds of sulfur dioxide per ton of actual process weight input.

(B) The "Canton Drop ~~Forging and Manufacturing Company~~ Forge" (OEPA premise number 1576000073) or any subsequent owner or operator of the "Canton Drop ~~Forging and Manufacturing Company~~ Forge" facility located at 4575 Southway Street Southwest, Canton, Ohio shall not cause or permit the emission of sulfur dioxide from the following sources to exceed the amounts indicated and the units shall not exceed the operating limits indicated:

~~(1) Boiler number 1 (OEPA source number B001); a maximum of 2.5 pounds of sulfur dioxide per MM Btu actual heat input and a maximum heat input rate of 86.0 MM Btu per hour as a three-hour average and 62.5 MM Btu per hour as a twenty-four-hour average.~~

(1) [Reserved.]

~~(2) The stack height for B001 shall be a minimum of 147.5 feet.~~

(2) [Reserved.]

- (3) For boiler numbers 2 and 3 (OEPA source numbers B002 and B003); a maximum of 2.5 pounds of sulfur dioxide per MM Btu actual heat input from each boiler.
- (4) The total fuel oil consumption by all forge-shop furnaces shall not exceed seven hundred seventy-five gallons per hour, eighteen thousand six hundred gallons per day and six million seven hundred eighty-nine thousand gallons per year. [Forge-shop furnaces include emissions units P001 ~~through P010~~ to P007, P009, P010, P016, ~~P017, P019 through P021, P038, P039,~~ and P041 and P046.]
- (5) The sulfur content for any fuel oil used in the forge-shop furnaces shall not exceed 0.05 per cent by weight.

(C) [Reserved.]

(D) [Reserved.]

(E) The "~~Marathon Ashland Petroleum, LLC~~Marathon Petroleum Company LP - Canton Refinery" (OEPA premise number ~~1576000304~~1576002006) or any subsequent owner or operator of the "~~Marathon Ashland Petroleum, LLC~~Marathon Petroleum Company LP - Canton Refinery" facility located at 2408 Gambrinus Road, Canton, Ohio shall not cause or permit the emission of sulfur dioxide from the following sources to exceed the amounts indicated and shall operate said sources in the manner specified:

(1)

Guard case heater 4-2-B-1

(OEPA source number B016), and

ISO stripper heater 4-27-B-1

(OEPA source number B021);

A maximum of 0.025 pounds of sulfur dioxide per MM Btu actual heat input from each unit.

- (2) A maximum 1.0 pounds of sulfur dioxide per MM Btu actual heat input for all process heaters and fossil fuel-fired steam-generating units unless otherwise specified in this paragraph.
- (3) Number ~~1 boiler 4-16-B-1, number 2 boiler 4-16-B-2, and number~~ 12 boiler

4-16-B-12 (OEPA source number ~~B024, B025, and B027~~); ~~only two of the three boilers may be operated simultaneously.~~

(4) [Reserved.]

(5) FCC (OEPA source number P002); a maximum of 0.62 pounds of sulfur dioxide per one thousand pounds of fresh feed.

(F) The "Greif Packaging, LLC" (OEPA premise number 1576000431) or any subsequent owner or operator of the "~~Greif Brothers Corporation~~Greif Packaging, LLC" facility located at ~~787~~ 9420 Warmington Rd. SW, Massillon, Ohio shall not cause or permit the emission of sulfur dioxide from any stack at this facility in excess of 0.50 pound of sulfur dioxide per MM Btu actual heat input.

(G) [Reserved.]

(H) [Reserved.]

~~(I) The "Timken Company, Canton Plant Number 5" (OEPA premise number 1576050614) or any subsequent owner or operator of the "Timken Company, Canton Plant Number 5" facility located at 1835 Dueber Avenue, Southwest, Canton, Ohio shall not cause or permit the emission of sulfur dioxide from the following sources to exceed the amount indicated:~~

~~(1) 3.08 pounds of sulfur dioxide per MM Btu actual heat input for the stack common to boiler numbers 1 CBF-A and 2 CBF-B (OEPA source numbers B001 and B002); and~~

~~(2) 0.93 pounds of sulfur dioxide per MM Btu actual heat input for boiler 3 CBF-G (OEPA source number B003).~~

(I) [Reserved.]

~~(J) The "RESCO Products, Inc." (OEPA premise number 1576000771) or any subsequent owner or operator of the "RESCO Products, Inc." facility located at 6878 Osnaburg Road, East Canton, Ohio shall not cause or permit the emission of sulfur dioxide from kiln numbers 5, 7, 8, 9, 10, 11, 12, and 15 (OEPA source numbers P029 through P036) to exceed a maximum of one hundred twenty nine pounds of sulfur dioxide per ton of product.~~

(J) [Reserved.]

(K) [Reserved.]

(L) [Reserved.]

(M) [Reserved.]

~~(N) The "Babcock and Wilcox Company, Alliance Research Center" (OEPA premise number 1576010601) or any subsequent owner or operator of the "Babcock and Wilcox Company, Alliance Research Center" facility located at 1562 Beeson Street Northeast, Alliance, Ohio shall not cause or permit the emission of sulfur dioxide from boiler H1 (OEPA source number B006) to exceed a maximum of 2.1 pounds of sulfur dioxide per MM Btu actual heat input from each boiler and shall operate said boilers such that the following combined average operating rates are not exceeded for any calendar day: first quarter, one hundred nine MM Btu per hour; second quarter, fifty three MM Btu per hour; third quarter, ten MM Btu per hour; fourth quarter, fifty three MM Btu per hour.~~

(N) [Reserved.]

~~(O) The "Timken Company" (OEPA premise number 1576000613) or any subsequent owner or operator of the "Timken Company" facility located on Gambrinus Avenue; The "Timken Steel Corporation - Gambrinus Steel Plant" (OEPA premise number 1576222000), the "Timken Steel Corporation - Faircrest Steel Plant" (OEPA premise number 1576222001), and the "Timken Steel Corporation - Harrison Steel Plant" (OEPA premise number 1576222002) or any subsequent owner or operator of the "Timken Steel Corporation - Gambrinus Steel Plant", the "Timken Steel Corporation - Faircrest Steel Plant", or the "TimkenSteel Corporation - Harrison Steel Plant" facilities located on Dueber Avenue, S.W., Canton, Ohio shall not cause or permit the emission of sulfur dioxide from the following sources to exceed the amount indicated: 0.67 pounds of sulfur dioxide per MM Btu actual heat input for fossil fuel-fired steam-generating units.~~

~~(1) [Reserved]~~

~~(2) 0.67 pounds of sulfur dioxide per MM Btu actual heat input for fossil fuel-fired steam-generating units unless otherwise specified in paragraph (O)(1) of this rule.~~

(P) [Reserved.]

(Q) [Reserved.]

(R) [Reserved.]

(S) [Reserved.]

(T) The "~~Republic Engineered Products LLC—Massillon CFB~~Republic Steel-Massillion" (OEPA premise number 1576130697) or any subsequent owner or operator of the "~~Republic Engineered Products LLC—Massillon CFB~~Republic Steel-Massillion" facility located at 401 Rose Avenue, Southeast, Massillon, Ohio shall not cause or permit the emission of sulfur dioxide from any fossil-fuel fired steam generating unit stack in excess of 4.40 pounds of sulfur dioxide per MM Btu actual heat input.

~~(U) The "Maple Street Commerce" (OEPA premise number 1576170258) or any subsequent owner or operator of the "Maple Street Commerce" facility located at 101 East Maple Street, North Canton, Ohio shall not cause or permit the emission of sulfur dioxide in excess of 8.0 pounds per MM Btu actual heat input for the coal-fired boiler and 0.4 pounds per MM Btu actual heat input for the gas-fired boiler.~~