



Ohio Administrative Code Rule 3745-18-82 Stark county emission limits.

Effective: April 16, 2023

(A) No owner or operator of 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:

(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:

$$EL = 18.48Q_m^{-0.4886} \text{ where:}$$

Q_m 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 Forge" (OEPA premise number 1576000073) or any subsequent owner or operator of the "Canton Drop Forge, 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) [Reserved.]

(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 to P007, P009, P010, P016, and P041.]

(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 Petroleum Company LP - Canton Refinery" (OEPA premise number 1576002006) or any subsequent owner or operator of the "Marathon Petroleum Company LP - Canton Refinery, 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 12 boiler 4-16-B-12 (OEPA source number B027).



(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) [Reserved.]

(G) [Reserved.]

(H) [Reserved.]

(I) [Reserved.]

(J) [Reserved.]

(K) [Reserved.]

(L) [Reserved.]

(M) [Reserved.]

(N) [Reserved.]

(O) 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 "Timken Steel Corporation - Harrison Steel Plant, Dueber Avenue, S.W., Canton, Ohio" shall not cause or permit the emission of sulfur dioxide to exceed 0.67 pounds of sulfur dioxide per MM Btu actual heat input for fossil fuel-fired steam-generating units.



(P) [Reserved.]

(Q) [Reserved.]

(R) [Reserved.]

(S) [Reserved.]

(T) The "Republic Steel-Massillon" (OEPA premise number 1576130697) or any subsequent owner or operator of the "Republic Steel-Massillon, 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.