

3745-18-31

Franklin county emission limits.

(A) No owner or operator of ~~any coal-fired steam generating unit~~ the following types of facilities, unless otherwise specified ~~below in this rule~~, shall cause or permit the emission of sulfur dioxide from any ~~source stack~~ to exceed a maximum of 3.6 pounds of sulfur dioxide per MM Btu actual heat input in excess of the rates specified below:

(1) For fossil fuel-fired steam generating units between 10.0 and 50.0 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:

$$EL = 8.088O_m^{-0.4307}$$

where:

O_m is the total rated heat input capacity 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 50.0 MM Btu per hour total rated heat input capacity, the emission limitation shall be 1.50 pounds of sulfur dioxide per MM Btu actual heat input.

(3) Except as otherwise provided in this rule, no owner or operator of any process equipment shall cause or permit the emission from any stack into the atmosphere of any process gas stream containing sulfur dioxide in excess of 2.40 pounds of sulfur dioxide per ton of actual process weight input.

(B) The "Rickenbacker Air Force Base" (OEPA premise number 0125000827) or any subsequent owner or operator of the "Rickenbacker Air Force Base," Lockbourne, Ohio shall not cause or permit the emission of sulfur dioxide from ~~seven spreader stoker boiler number 11877 (OEPA source number B001) to exceed a maximum of 2.5 pounds of sulfur dioxide per MM Btu actual heat input and shall operate said boiler such that the following average operating rates are not exceeded for any calendar day: first quarter, one hundred fifty two MM Btu per hour; second quarter, one hundred fifty two MM Btu per hour; third quarter, one hundred nineteen MM Btu per hour; fourth quarter, one hundred fifty two MM Btu per hour.~~ any stack at this facility in excess of 2.20 pounds of sulfur dioxide per million BTU actual heat input.

(C) The "Capital City Products" (OEPA premise number 0125040021) or any subsequent owner or operator of the "Capitol City Products, 525 West First Avenue, Columbus, Ohio" shall not cause or permit the emission of sulfur dioxide from

~~boiler numbers 1 through 3 (OEPA source numbers B001 through B003) to exceed a maximum of 5.4 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 fifty one MM Btu per hour; second quarter, one hundred fifty one MM Btu per hour; third quarter, one hundred thirteen MM Btu per hour; fourth quarter, one hundred fifty one MM Btu per hour. any stack at this facility in excess of 3.10 pounds of sulfur dioxide per million BTU actual heat input.~~

- (D) The "Clark Grave Vault Company" (OEPA premise number 0125040026) or any subsequent owner or operator of the "Clark Grave Vault Company, 375 East Fifth Avenue, Columbus, Ohio" shall not cause or permit the emission of sulfur dioxide from the following sources to exceed the amount indicated and shall limit the operation of said sources such that the indicated average operating rates are not exceeded for any calendar day:
- (1) Boiler number 1 (OEPA source number B001); a maximum of 5.0 pounds of sulfur dioxide per MM Btu actual heat input and average operating rates as follows: first quarter, thirty-four MM Btu per hour; second quarter, 0.0 MM Btu per hour; third quarter, 0.0 MM Btu per hour; fourth quarter, thirty-four MM Btu per hour.
 - (2) Boiler number 2 (OEPA source number B002); a maximum of 5.0 pounds of sulfur dioxide per MM Btu actual heat input and average operating rates as follows: first quarter, 0.0 MM Btu per hour; second quarter, three MM Btu per hour; third quarter, three MM Btu per hour; fourth quarter, 0.0 MM Btu per hour.
- (E) The "Columbus Coated Fabrics" (OEPA premise number 0125040031) or any subsequent owner or operator of the "Columbus Coated Fabrics, 1280 North Grant Avenue, Columbus, Ohio" shall not cause or permit the emission of sulfur dioxide from boiler numbers 1 and 2 (OEPA source numbers B001 and B002) to exceed a maximum of 5.8 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 twenty MM Btu per hour; second quarter, one hundred twenty MM Btu per hour; third quarter, seventy-two MM Btu per hour; fourth quarter, one hundred twenty MM Btu per hour.
- (F) The "Columbus Municipal Light Plant" (OEPA premise number 0125040037) or any subsequent owner or operator of the "Columbus Municipal Light Plant, 580 Dublin Avenue, Columbus, Ohio" shall not cause or permit the emission of sulfur dioxide from boiler numbers 6 and 7 (OEPA source numbers B004 and B005); a maximum of 0.0 pounds of sulfur dioxide per MM Btu actual heat input for each boiler.

- (G) The "~~General Motors Corporation, Fisher Body Division~~Delphi Interior and Lighting Systems" (OEPA premise number 0125040057) or any subsequent owner or operator of the "~~General Motors Corporation, Fisher Body Division~~Delphi Interior and Lighting Systems, 200 Georgesville Road, Columbus, Ohio" shall not cause or permit the emission of sulfur dioxide from boiler numbers 1 through 4 (OEPA source numbers B001 through B004) to exceed a maximum of 1.5 pounds of sulfur dioxide per MM Btu actual heat input from each boiler.
- (H) The "Jeffrey Mining Machinery Division, Dresser Industries, Incorporated" (OEPA premise number 0125040087) or any subsequent owner or operator of the "Jeffrey Mining Machinery Division, Dresser Industries, Incorporated, 274 East First Avenue, Columbus, Ohio" shall not cause or permit the emission of sulfur dioxide from boilers numbers 4850 through 4852 (OEPA source numbers B001 through B003) to exceed a maximum of 3.06 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 forty-six MM Btu per hour; second quarter, one hundred forty-six MM Btu per hour; third quarter, sixty MM Btu per hour; fourth quarter, one hundred forty-six MM Btu per hour.
- (I) The "Atlas Linen and Industrial Supply" (OEPA premise number 0125040205) or any subsequent owner or operator of the "Atlas Linen and Industrial Supply, 171 North Grant Avenue, Columbus, Ohio" shall not cause or permit the emission of sulfur dioxide from boiler number 1 (OEPA source number B001) to exceed a maximum of 1.6 pounds of sulfur dioxide per MM Btu actual heat input and shall operate said boiler such that the following average operating rates are not exceeded for any calendar day: first quarter, EIGHT MM Btu per hour; second quarter, seven MM Btu per hour; third quarter, seven MM Btu per hour; fourth quarter, seven MM Btu per hour.
- (J) The "Defense Construction Supply Center" (OEPA premise number 0125040219) or any subsequent owner or operator of the "Defense Construction Supply Center, 3990 East Broad Street, Columbus, Ohio" shall not cause or permit the emission of sulfur dioxide from boiler numbers 1 through 3 (OEPA source numbers B001 through B003) to exceed a maximum of 3.45 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, two hundred five MM Btu per hour; second quarter, one hundred sixty-seven MM Btu per hour; third quarter, one hundred sixty-seven MM Btu per hour; fourth quarter, one hundred sixty-seven MM Btu per hour.
- (K) The "Columbus Products Company" (OEPA premise number 0125040319) or any subsequent owner or operator of the "Columbus Products Company, 300 Phillipi

Road, Columbus, Ohio" shall not cause or permit the emission of sulfur dioxide from boiler numbers D0244 through D0246 (OEPA source number B001 through B003) to exceed a maximum of ~~4.02~~ 2.20 pounds of sulfur dioxide per MM Btu actual heat input from each boiler.

(L) The "Ross Laboratories" (OEPA premise number 0125040319) or any subsequent owner or operator of the "Ross Laboratories, 625 Cleveland Avenue, Columbus, Ohio" shall not cause or permit the emission of sulfur dioxide from ~~boiler numbers 1 and 2 (OEPA source numbers B001 and B002) to exceed 4.3 pounds of sulfur dioxide per MM Btu actual heat input from each boiler and shall operate said boilers such that their combined average operating rate shall not exceed seventy five MM Btu per hour for any calendar day~~ any stack at this facility in excess of 4.80 pounds of sulfur dioxide per MM Btu actual heat input.

(M) The "Correctional Medical Center" (OEPA premise number 0125040331) or any subsequent owner or operator of the "Correctional Medical Center, 254 West Spring Street, Columbus, Ohio" shall not cause or permit the emission of sulfur dioxide from the following sources to exceed the amount indicated and shall limit the operation of said sources such that the indicated average operating rates are not exceeded for any calendar day:

(1) Boiler number 5 (OEPA source number B001); a maximum of 2.42 pounds of sulfur dioxide per MM Btu actual heat input and average operating rates as follows: first quarter, fifty-four MM Btu per hour; second quarter, twenty-seven MM Btu per hour; third quarter, twenty-seven MM Btu per hour; fourth quarter, fifty-four MM Btu per hour.

(2) Boiler number 7 (OEPA source number B002); a maximum of 2.42 pounds of sulfur dioxide per MM Btu actual heat input and average operating rates as follows: first quarter, ninety-three MM Btu per hour; second quarter, forty-six MM Btu per hour; third quarter, forty-six MM Btu per hour; fourth quarter, ninety-three MM Btu per hour.

(3) Boiler number 8 (OEPA source number B003); a maximum of 2.42 pounds of sulfur dioxide per MM Btu actual heat input and average operating rates as follows: first quarter, thirty-two MM Btu per hour; second quarter, sixteen MM Btu per hour; third quarter, sixteen MM Btu per hour; fourth quarter, thirty-two MM Btu per hour.

(N) The "Central Ohio Psychiatric Hospital" (OEPA premise number 0125040589) or any subsequent owner or operator of the "Central Ohio Psychiatric Hospital," Columbus, Ohio shall not cause or permit the emission of sulfur dioxide from ~~boiler numbers 1 through 3 (OEPA source numbers B001 through B003) to exceed~~

~~4.1 pounds of sulfur dioxide per MM Btu actual heat input from each boiler and shall operate said boilers such that their combined average operating rate shall not exceed one hundred forty two MM Btu per hour any calendar day any stack at this facility in excess of 4.10 pounds of sulfur dioxide per million BTU actual heat input.~~

- (O) The "Grant Hospital" (OEPA premise number 125040592) or any subsequent owner or operator of the "Grant Hospital, 309 East State Street, Columbus, Ohio" shall not cause or permit the emission of sulfur dioxide from boiler numbers 1 through 3 (OEPA source numbers B001 through B003) to exceed a maximum of 3.8 pounds of sulfur dioxide per MM Btu actual heat input from each boiler and shall operate said boilers such that the following average operating rates are not exceeded for any calendar day for each boiler: first quarter, twenty-eight MM Btu per hour; second quarter, twenty-eight MM Btu per hour; third quarter, twenty-one MM Btu per hour; fourth quarter, twenty-eight MM Btu per hour.
- (P) The "Air Force Plant Number 85" (OEPA premise number 0125040806) or any subsequent owner or operator of the "Air Force Plant Number 85, 4300 East Fifth Avenue, Columbus, Ohio" shall not cause or permit the emission of sulfur dioxide from ~~the following sources to exceed the amounts indicated and shall limit the operation of said sources such that the indicated average operating rates are not exceeded for any calendar day any stack at this facility in excess of 1.06 pounds of sulfur dioxide per MM Btu actual heat input.:~~
- ~~(1) Boiler numbers 1, 2, 3, and 5 (OEPA source numbers B001 through B004); a maximum of 3.65 pounds of sulfur dioxide per MM Btu actual heat input from each boiler and a combined average operating rate of one hundred seventy seven MM Btu per hour.~~
- ~~(2) As an alternative to the limits specified in paragraph (P)(1) of this rule, boiler numbers 1, 2, 3, and 5 (OEPA source numbers B001 through B004); a maximum of 1.5 pounds of sulfur dioxide per MM Btu actual heat input from each boiler and a combined average operating rate of three hundred thirty five MM Btu per hour.~~
- ~~(3) Boiler number 4A (OEPA source number B007); a maximum of 0.5 pounds of sulfur dioxide per MM Btu actual heat input.~~
- (Q) The "Capital University" (OEPA premise number 0125042612) or any subsequent owner or operator of the "Capital University, 2199 East Main Street, Columbus, Ohio" shall not cause or permit the emission of sulfur dioxide from boiler numbers 1 through 3 (OEPA source numbers B001 through B003) to exceed a maximum of 1.6 pounds of sulfur dioxide per MM Btu actual heat input from each boiler and shall operate said boilers such that the following average operating rates are not exceeded for any calendar day for each boiler: first quarter, forty-two MM Btu per

hour; second quarter, thirty-four MM Btu per hour; third quarter, forty-two MM Btu per hour; fourth quarter, thirty-four MM Btu per hour.

- (R) The "Columbus State Institute" (OEPA premise number 0125042799) or any subsequent owner or operator of the "Columbus State Institute, 1601 West Broad Street, Columbus, Ohio" shall not cause or permit the emission of sulfur dioxide from ~~the following sources to exceed the amount indicated and shall limit the operation of said sources such that the indicated average operating rates are not exceeded for any calendar day~~ any stack at this facility in excess of 3.80 pounds of sulfur dioxide per MM Btu actual heat input.

~~(1) Boiler numbers 1 through 3 (OEPA source numbers B001 through B003); a maximum of 6.7 pounds of sulfur dioxide per MM Btu actual heat input from each boiler and combined average operating rates as follows: first quarter, sixty-eight MM Btu per hour; second quarter, fifty-four MM Btu per hour; third quarter, fifty-four MM Btu per hour; fourth quarter, sixty-eight MM Btu per hour.~~

~~(2) Boiler number 4 (OEPA source number B004) a maximum of 6.7 pounds of sulfur dioxide per MM Btu actual heat input and average operating rates as follows: first quarter, fifty-eight MM Btu per hour; second quarter, 0.0 MM Btu per hour; third quarter, 0.0 MM Btu per hour; fourth quarter, fifty-eight MM Btu per hour.~~

- (S) The "Battelle Memorial Institute" (OEPA premise number 0125040520) or any subsequent owner or operator of the "Battelle Memorial Institute, 505 King Avenue, Columbus, Ohio" shall not cause or permit the emission of sulfur dioxide from boiler number 1 (OEPA source number B001) to exceed 4.4 pounds of sulfur dioxide per MM Btu actual heat input and shall operate said boiler such that the following average operating rates are not exceeded for any calendar day: first quarter, twenty-six MM Btu per hour; second quarter, twenty-six MM Btu per hour; third quarter, seventeen MM Btu per hour; fourth quarter, twenty-six MM Btu per hour.

- (T) "Anheuser-Busch Incorporated" (OEPA premise number 0125040554) or any subsequent owner or operator of "Anheuser-Busch Incorporated, 700 Schrock Road, Columbus, Ohio" shall not cause or permit the emission of sulfur dioxide from boiler numbers 1 through 4 (OEPA source numbers B001 and B002) to exceed 2.4 pounds of sulfur dioxide per MM Btu actual heat input from each boiler and shall operate said boilers such that their combined average operating rate shall not exceed three hundred two MM Btu per hour for any calendar day.

- (U) "ASARCO Incorporated" (OEPA premise number 0125040002) or any subsequent owner or operator of "ASARCO Incorporated, 1353 Windsor Avenue, Columbus,

Ohio" shall not cause or permit the emission of sulfur dioxide from the refining kiln, "Wetherill" furnaces, densifying kiln, and roaster acid plant (OEPA source numbers P001 through P004) to exceed the amount prescribed by the following equation:

$$Y = 0.564 X^{0.85}$$

Where "X" is the total sulfur feed expressed as elemental sulfur in the smelter input stream in pounds per hour, and "Y" is the allowable sulfur dioxide emission rate in pounds per hour from all processes combined.

- (V) "Ohio Division, Dayton Malleable Iron" (OEPA premise number 0125040043) or any subsequent owner or operator of "Ohio Division, Dayton Malleable Iron, 1343 Fields Avenue, Columbus, Ohio" shall not cause or permit the emission of sulfur dioxide from the following sources to exceed the amounts indicated:
- (1) Cupolas (OEPA source number P001); a maximum of 1.82 pounds of sulfur dioxide per ton of iron produced.
 - (2) Holding furnaces (OEPA source number P002); a maximum of 1.2 pounds of sulfur dioxide per MM Btu actual heat input.

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Certification

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