

3745-18-15 Butler county emission limits

- (A) No owner or operator of any coal-fired steam generating unit, unless otherwise specified below, shall cause or permit the emission of sulfur dioxide from any source to exceed a maximum of 2.4 pounds of sulfur dioxide per MM Btu actual heat input.
- (B) The "Crystal Tissue Company" (OEPA premise number ~~1809000003~~ 1409000003) or any subsequent owner or operator of the "Crystal Tissue Company, South Verity Parkway, Lemon Township, Ohio" shall not cause or permit the emission of sulfur dioxide from Riley "RX" NUMBER 4 AND RILEY NUMBER 3 (OEPA source number NUMBERS B001 AND B002) to exceed a maximum of 1.6 pounds of sulfur dioxide per MM Btu actual heat input.
- (C) The "~~Armco-Steel Corporation~~ AK STEEL CORPORATION, Middletown Works" (OEPA premise number ~~1809010006~~ 1409010006) or any subsequent owner or operator of the "~~Armco-Steel Corporation~~ AK STEEL CORPORATION, Middletown Works, Crawford Street, Middletown, 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:
- (1) Boiler numbers ~~13 and 14~~ (OEPA source numbers B001 and B002); a maximum of 0.0 pounds of sulfur dioxide per MM Btu actual heat input from each boiler.
 - (2) Boiler numbers 15 and 16 (OEPA source numbers B003 and B004); a maximum of 5.3 pounds of sulfur dioxide per MM Btu actual heat input from each boiler and combined average operating rates as follows: first quarter, two hundred eighty-eight MM Btu per hour; second quarter, one hundred forty-four MM Btu per hour; third quarter, one hundred forty-four MM Btu per hour; fourth quarter, two hundred eighty-eight MM Btu per hour.
 - (3) Boiler numbers 1 through 4 (OEPA source numbers B007 through B010); a maximum of ~~1.1~~ 0.90 pounds of sulfur dioxide per MM Btu actual heat input from each boiler and the average operating

~~rate for each boiler of two hundred eleven MM Btu per hour.~~

- (4)(2) Slab furnace numbers 1 through 4 (OEPA source numbers P009 through P012); a maximum of 1.1 pounds of sulfur dioxide per MM Btu actual heat input from each furnace.
- (5)(3) Number 2 coke plant (OEPA source number ~~P013~~ B918); ~~from the combustion of coke oven gas containing hydrogen sulfide, two hundred eighty grains of hydrogen sulfide per one hundred dry standard cubic feet of coke oven gas.~~
- (a) FROM THE COMBUSTION OF COKE OVEN GAS CONTAINING HYDROGEN SULFIDE, TWO HUNDRED EIGHTY GRAINS OF HYDROGEN SULFIDE PER ONE HUNDRED DRY STANDARD CUBIC FEET OF COKE OVEN GAS; AND,
- (b) FROM THE PRODUCTION OF SULFURIC ACID AT THE ACID PLANT, A MAXIMUM OF 26.0 POUNDS OF SULFUR DIOXIDE PER TON OF ONE HUNDRED PERCENT ACID PRODUCED. OPERATION OF THE ACID PLANT SHALL NOT BE REQUIRED TO CONTROL EMISSIONS FROM THE COKE PLANT AS LONG AS COKE PLANT EMISSIONS ARE IN COMPLIANCE WITH SUBPARAGRAPH (C)(3)(a) OF THIS RULE.
- (4) NUMBER 3 COKE PLANT (OEPA SOURCE NUMBER B919); FROM THE COMBUSTION OF COKE OVEN GAS CONTAINING HYDROGEN SULFIDE, ONE HUNDRED GRAINS OF HYDROGEN SULFIDE PER ONE HUNDRED DRY STANDARD CUBIC FEET OF COKE OVEN GAS.
- (5) SINTER RECOVERY PLANT (OEPA SOURCE NUMBER P908); A MAXIMUM OF 9.8 POUNDS OF SULFUR DIOXIDE PER TON OF PRODUCT.

- (6) NUMBER EIGHTY-FOUR BUILDING ANNEALING FURNACES, OPEN COIL ANNEALING FURNACES AND NUMBER SIXTY-FOUR BUILDING ANNEALING FURNACES (OEPA SOURCE NUMBERS B021 THROUGH B023); A MAXIMUM OF 0.50 POUNDS OF SULFUR DIOXIDE PER MM BTU ACTUAL HEAT INPUT.
- (7) NUMBER NINETY-FOUR BUILDING ANNEALING FURNACES (OEPA SOURCE NUMBER B026); A MAXIMUM OF 1.6 POUNDS OF SULFUR DIOXIDE PER MM BTU ACTUAL HEAT INPUT FROM EACH FURNACE.
- (8) COKE OVEN GAS HOLDER/FLARE (OEPA SOURCE NUMBER P067); FROM THE COMBUSTION OF COKE OVEN GAS CONTAINING HYDROGEN SULFIDE, TWO HUNDRED EIGHTY GRAINS OF HYDROGEN SULFIDE PER ONE HUNDRED DRY STANDARD CUBIC FEET OF COKE OVEN GAS.
- (9) HOT METAL DESULFURIZATION STATION (OEPA SOURCE NUMBER P956); 0.29 POUNDS OF SULFUR DIOXIDE PER TON OF PRODUCT FROM THE STATION, AND THE STATION IS NOT TO BE OPERATED SIMULTANEOUSLY WITH P047.
- (10) MOLTEN IRON TRANSFER AND DESULFURIZATION STATION (OEPA SOURCE NUMBER P047); 0.40 POUNDS OF SULFUR DIOXIDE PER TON OF PRODUCT FROM THE STATION, AND THE STATION IS NOT TO BE OPERATED SIMULTANEOUSLY WITH P956.
- (D) "Middletown Paperboard" (OEPA premise number ~~1809010016~~ 1409010016) or any subsequent owner or operator of "Middletown Paperboard, 426 Vandever Street, Middletown, 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 average operating rate shall not exceed sixty five MM Btu per hour for any calendar day.~~

(E) The "Jefferson Smurfit Corporation, Middletown Mill" (OEPA premise number ~~1809010021~~ 1409010021) or any subsequent owner or operator of the "Jefferson Smurfit Corporation, Middletown Mill, 407 Charles Street, Middletown, Ohio" shall not cause or permit the emission of sulfur dioxide from boiler number two hundred five (OEPA source number ~~B003~~) 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 average operating rate shall not exceed one hundred seventy MM Btu per hour for any calendar day THE FOLLOWING SOURCES TO EXCEED THE AMOUNTS INDICATED AND SHALL USE A STACK NO LOWER THAN THE HEIGHT INDICATED:

- (1) BOILER NUMBER TWO HUNDRED FIVE (OEPA SOURCE NUMBER B003); A MAXIMUM OF 1.6 POUNDS OF SULFUR DIOXIDE PER MM BTU ACTUAL HEAT INPUT AND A MINIMUM STACK HEIGHT OF ONE HUNDRED TWENTY FEET ABOVE GROUND LEVEL.
- (2) BOILER NUMBER THREE HUNDRED FIFTEEN (OEPA SOURCE NUMBER B004); A MAXIMUM OF 0.31 POUNDS OF SULFUR DIOXIDE PER MM BTU ACTUAL HEAT INPUT.

(F) The "Sorg Paper Company MOSINEE HOLDINGS, INCORPORATED" (OEPA premise number ~~1809010043~~ 1409010043) or any subsequent owner or operator of the "Sorg Paper Company MOSINEE HOLDINGS, INCORPORATED, 901 Manchester Avenue, Middletown, 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:

- (1) Boiler BOILER numbers 1 through 3 4 (OEPA source numbers B001 through ~~B003~~ B004); TO EXCEED a maximum of ~~1.6~~ 1.4 pounds of sulfur dioxide per MM Btu actual heat input from each boiler and SHALL USE A STACK NO LOWER THAN TWO HUNDRED FEET ABOVE GROUND LEVEL FOR EACH BOILER combined average operating rates as follows: first quarter, two hundred eighty-five MM Btu per hour; second quarter,

~~two hundred eighty-five MM Btu per hour, third quarter, two hundred fifty-five MM Btu per hour, fourth quarter, two hundred eighty-five MM Btu per hour.~~

- (2) ~~Boiler number 4 (OEPA source number B004); a maximum of 1.6 pounds of sulfur dioxide per MM Btu actual heat input and the average operating rate shall not exceed one hundred seventy-four MM Btu per hour.~~
- (G) The "Diamond International Corporation, Mill 1" (OEPA premise number ~~1809010050~~ 1409010050) or any subsequent owner or operator of the "Diamond International Corporation, Mill 1, Central Avenue and Curmody CARMODY Boulevard, Middletown, Ohio" shall not cause or permit the emission of sulfur dioxide from boiler numbers 101, 102 and 109 (OEPA source numbers B001, B002 and B003) to exceed a maximum of 0.0 pounds of sulfur dioxide per MM Btu actual heat input.
- (H) The "Cincinnati Gas and Electric Company, Dick's Creek Station" (OEPA premise number ~~1809010078~~ 1409010078) or any subsequent owner or operator of the "Cincinnati Gas and Electric Company, Dick's Creek Station, 632 Todhunter Road, Middletown, Ohio" shall not cause or permit the emission of sulfur dioxide from THE FOLLOWING SOURCES TO EXCEED THE AMOUNTS INDICATED:
- (1) ~~unit~~ UNIT numbers 1 AND 3 through 5 (OEPA source numbers B001 AND B003 through B005); ~~to exceed~~ a maximum of 0.5 pounds of sulfur dioxide per MM Btu actual heat input from each unit.
- (2) UNIT NUMBER 2 (OEPA SOURCE NUMBER B002); A MAXIMUM OF 0.0 POUNDS OF SULFUR DIOXIDE PER MM BTU ACTUAL HEAT INPUT.
- (I) The "~~General Motors Corporation, Fisher Body Division~~ PANDA MOTORS CORPORATION" (OEPA premise number ~~1809030050~~ 1409030050) or any subsequent owner or operator of the "~~General Motors Corporation, Fisher Body Division, 400 Dixie Highway~~ PANDA MOTORS CORPORATION, 1000 PANDA BOULEVARD, Fairfield,

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 ~~1.4~~ 0.0 pounds of sulfur dioxide per MM Btu actual heat input from each boiler.

- (J) The "Beckett Paper Company" (OEPA premise number ~~1809040014~~ 1409040014) or any subsequent owner or operator of the "Beckett Paper Company, Fourth and Buckeye Streets, Hamilton, 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:
- (1) Boiler numbers 1 and 2 (OEPA source numbers B001 and B002); a maximum of 0.0 pounds of sulfur dioxide per MM Btu actual heat input from each boiler.
 - (2) Boiler number 3 (OEPA source number B003); a maximum of ~~1.2~~ 0.29 pounds of sulfur dioxide per MM Btu actual heat input and the average operating rate as follows: ~~first quarter, OF twenty seven MM Btu per hour; second quarter, twenty-seven MM Btu per hour; third quarter, 0.0 MM Btu per hour; fourth quarter, twenty seven MM Btu per hour.~~
 - (3) Boiler numbers 4 and 5 (OEPA source numbers B004 and B005); a maximum of ~~1.2~~ 0.29 pounds of sulfur dioxide per MM Btu actual heat input from each boiler and the combined average operating rate of said boilers shall not exceed one hundred fifty-three MM Btu per hour.
- (K) "Mercy Hospital" (OEPA premise number ~~1809040020~~ 1409040020) or any subsequent owner or operator of "Mercy Hospital, 116 Dayton Street, Hamilton, Ohio" shall not cause or permit the emission of sulfur dioxide from boiler ~~number~~ NUMBERS 1 AND 3 THROUGH 5 (OEPA source ~~number~~ NUMBERS B001 AND B003 THROUGH B005) to exceed a maximum of ~~1.0~~ 0.0 pounds of sulfur dioxide per MM Btu actual heat input FROM EACH BOILER and ~~shall operate said boiler such that the following average operating rates are not exceeded for any calendar day.~~

~~first quarter, nineteen MM Btu per hour, second quarter, nine MM Btu per hour, third quarter, 0.0 MM Btu per hour, fourth quarter, nine MM Btu per hour.~~

- (L) The "Champion Papers, Division of Champion Incorporated INTERNATIONAL CORPORATION, Hamilton Mill" (OEPA premise number ~~+809040212~~ 1409040212) or any subsequent owner or operator of the "Champion Papers, Division of Champion Incorporated INTERNATIONAL CORPORATION, Hamilton Mill, 601 North 'B' Street, Hamilton, Ohio" shall not cause or permit the emission of sulfur dioxide from the following sources BOILER NUMBERS 10 AND 14 (OEPA SOURCE NUMBERS B010 AND B020) to exceed the amounts indicated A MAXIMUM OF 1.7 POUNDS OF SULFUR DIOXIDE PER MM BTU ACTUAL HEAT INPUT FROM EACH BOILER AND SHALL LIMIT THE OPERATION SUCH THAT A COMBINED OPERATING RATE OF SIX HUNDRED AND THREE MM BTU PER HOUR IS ~~and shall limit the operation of said sources such that the indicated average operating rates are not exceeded for any calendar day:~~
- (1) ~~Boiler numbers 1 through 9, 11, and 12 (OEPA source numbers B001 through B009, B011, and B012); a maximum of 0.0 pounds of sulfur dioxide per MM Btu actual heat input from each boiler.~~
 - (2) ~~Boiler numbers 15 and 16 (OEPA source numbers B018 and B019); a maximum of 1.2 pounds of sulfur dioxide per MM Btu actual heat input from each boiler.~~
 - (3) ~~Boiler numbers 10 and 14 (OEPA source numbers B010 and B020); a maximum of 3.4 pounds of sulfur dioxide per MM Btu actual heat input from each boiler and the combined average operating rate of six hundred three MM Btu per hour.~~
- (M) The "City of Hamilton" (OEPA premise number ~~+809040243~~ 1409040243) or any subsequent owner or operator of the "City of Hamilton, 960 North Third Street, Hamilton, 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:

- (1) ~~Boiler numbers 1 (OEPA source numbers B001); a maximum of 0.5 pounds of sulfur dioxide per MM Btu actual heat input and average operating rates as follows: first quarter, one hundred sixty-five MM Btu per hour; second quarter, eighty-four MM Btu per hour; third quarter, eighty-four MM Btu per hour; fourth quarter, one hundred sixty-five MM Btu per hour.~~
- (2) ~~Boiler number 7 (OEPA source number B002); a maximum of 0.5 pounds of sulfur dioxide per MM Btu actual heat input and the average operating rates as follows: first quarter, two hundred MM Btu per hour; second quarter, one hundred twenty-five MM Btu per hour; third quarter, one hundred twenty-five MM Btu per hour; fourth quarter, two hundred MM Btu per hour.~~
- (3) ~~Boiler number 5 and 6~~ NUMBERS 1 AND 7 (OEPA source numbers B005 and B006 B001 AND B002); a maximum of 0.0 pounds of sulfur dioxide per MM Btu actual heat input from each boiler.
- (4)(2) Boiler number 8 (OEPA source number B008); a maximum of ~~1.91~~ 1.45 pounds of sulfur dioxide per MM Btu actual heat input and average operating rates RATE OF as follows: first quarter, three hundred twelve MM Btu per hour; second quarter, two hundred thirty MM Btu per hour; third quarter, three hundred twelve MM Btu per hour; fourth quarter, three hundred twelve MM Btu per hour.
- (5)(3) Boiler number 9 (OEPA source number B009); a maximum of ~~1.91~~ 1.2 pounds of sulfur dioxide per MM Btu actual heat input or any applicable new source performance standard.
- (4) RILEY HEAT RECOVERY BOILER (OEPA SOURCE NUMBER B010); A MAXIMUM OF 0.0 POUNDS OF SULFUR DIOXIDE PER MM BTU ACTUAL HEAT INPUT.
- (5) GAS/OIL TURBINE PEAKING UNITS (OEPA SOURCE

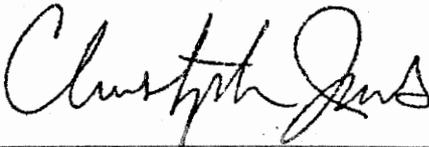
NUMBERS B003 AND B004); A MAXIMUM OF 0.5 POUNDS OF SULFUR DIOXIDE PER MM BTU ACTUAL HEAT INPUT FROM EACH TURBINE.

- (N) The "Armco Steel Corporation, Hamilton Plant" (OEPA premise number ~~1809080023~~) or any subsequent owner or operator of the "Armco Steel Corporation, Hamilton Plant, Augspurger Road, New Miami, 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:
- (1) Boiler numbers 1 through 6 (OEPA source numbers ~~B001~~ through ~~B006~~); a maximum of 1.1 pounds of sulfur dioxide per MM Btu actual heat input from each boiler, and the combined average operating rate of three hundred eighty MM Btu per hour.
 - (2) Coke battery numbers 1 through 4 (OEPA source numbers ~~P003~~ through ~~P006~~); from the combustion of coke oven gas containing hydrogen sulfide, two hundred eighty grains of hydrogen sulfide per one hundred dry standard cubic feet of coke oven gas.
- (⊕) "Miami University" (OEPA premise number ~~1809090081~~ 1409090081) or any subsequent owner or operator of "Miami University, U. S. 27 and High Street, Oxford, Ohio" shall not cause or permit the emission of sulfur dioxide from boiler numbers 16268-1 through 16268-3 (OEPA source numbers B010 through B012) to exceed a maximum of 1.6 pounds of sulfur dioxide per MM Btu actual heat input from each boiler.
- (O) "MILLER BREWING COMPANY" (OEPA PREMISE NUMBER 1409000353) OR ANY SUBSEQUENT OWNER OR OPERATOR OF "MILLER BREWING COMPANY, 525 WAYNE MADISON ROAD, TRENTON, OHIO" SHALL NOT CAUSE OR PERMIT THE EMISSION OF SULFUR DIOXIDE FROM THE FOLLOWING SOURCES TO EXCEED THE AMOUNTS INDICATED:
- (1) BOILER NUMBERS 1 AND 2 (OEPA SOURCE NUMBERS B001 AND B002); A MAXIMUM OF 1.6 POUNDS OF SULFUR

DIOXIDE PER MM BTU ACTUAL HEAT INPUT FROM EACH BOILER.

- (2) BOILER NUMBERS 3A AND 3B (OEPA SOURCE NUMBERS B003 AND B007); A MAXIMUM OF 0.8 POUNDS OF SULFUR DIOXIDE PER MM BTU ACTUAL HEAT INPUT FROM EACH BOILER.
- (P) "CINCINNATI GAS AND ELECTRIC COMPANY, WOODSDALE GENERATING STATION" (OEPA PREMISE NUMBER 1409120656) OR ANY SUBSEQUENT OWNER OR OPERATOR OF "CINCINNATI GAS AND ELECTRIC COMPANY, WOODSDALE GENERATING STATION, 2100 WOODSDALE ROAD, TRENTON, OHIO" SHALL NOT CAUSE OR PERMIT THE EMISSION OF SULFUR DIOXIDE FROM COMBUSTION TURBINES NUMBERS 1 THROUGH 12 (OEPA SOURCE NUMBERS B001 THROUGH B012) TO EXCEED A MAXIMUM OF 0.5 POUNDS OF SULFUR DIOXIDE PER MM BTU ACTUAL HEAT INPUT FROM EACH TURBINE.
- (Q) "INLAND CONTAINER CORPORATION" (OEPA PREMISE NUMBER 1409010025) OR ANY SUBSEQUENT OWNER OR OPERATOR OF "INLAND CONTAINER CORPORATION, 912 NELBAR STREET, MIDDLETOWN, OHIO" SHALL NOT CAUSE OR PERMIT THE EMISSION OF SULFUR DIOXIDE FROM BOILER NUMBERS 4 THROUGH 6 (OEPA SOURCE NUMBERS B004 THROUGH B006) TO EXCEED A MAXIMUM OF 1.2 POUNDS OF SULFUR DIOXIDE PER MM BTU ACTUAL HEAT INPUT FROM EACH BOILER.

Effective: MAR 21 2000

Certification: 

Christopher Jones
Director, Ohio EPA

MAR 01 2000
Date

Promulgated under: RC Chapter 119
Rule authorized by: RC Chapter 3704.03
Rule amplifies: RC Chapter 3704
Prior effective date: 12/28/79, 11/1/84, 5/11/87
119.032 review date: 12-31-00