

3745-18-83

Summit county emission limits.

(A) No owner or operator of ~~any coal-fired steam generating unit~~ any applicable unit, 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 7.2 pounds of sulfur dioxide per MM Btu actual heat input in excess of the rate indicated in the following:-

(1) For fossil fuel fired steam generating units with a total rated heat input capacity between 10.0 and 300 MM Btu per hour, the emission rate in pounds of sulfur dioxide per MM Btu actual heat input shall be calculated in accordance with the following equation:

$$EL = 17.55 Q_m^{-0.3933}$$

where:

Q_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 with a total heat input capacity equal to or greater than 300 MM Btu per hour, 1.80 pounds of sulfur dioxide per MM Btu actual heat input.

(3) Process equipment, unless otherwise specified in this rule, shall not cause or permit the emission of sulfur dioxide from any stack in excess of 17.0 pounds of sulfur dioxide per ton of actual process weight input.

(B) The "Terex Division, General Motors Corporation" (OEPA premise number 1677000044) or any subsequent owner or operator of the "Terex Division, General Motors Corporation, State Route Number 91, Hudson, Ohio" shall not cause or permit the emission of sulfur dioxide from ~~the following sources to exceed the amounts indicated:~~ any stack at this facility in excess of 0.85 pounds of sulfur dioxide per MM Btu actual heat input.

~~(1) Boiler numbers N11435 and N16270 (OEPA source numbers B001 and B002); a maximum of 3.62 pounds of sulfur dioxide per MM Btu actual heat input from each boiler.~~

~~(2) Boiler number N11436 (OEPA source number B003); a maximum of 3.10 pounds of sulfur dioxide per MM Btu actual heat input.~~

(C) The "Western Reserve Psychiatric Habilitation Center" (OEPA premise number 1677000046) or any subsequent owner or operator of the "Western Reserve

Psychiatric Habilitation Center, 1756 Sagamore Road, Northfield, Ohio" shall not cause or permit the emission of sulfur dioxide from boiler number 1 (OEPA source number B001) to exceed a maximum of 5.4 pounds of sulfur dioxide per MM Btu actual heat input.

(D) The "Tecumseh Corrugated Box Company" (OEPA premise number 1677000086) or any subsequent owner or operator of the "Tecumseh Corrugated Box Company," Jaite, Ohio shall not cause or permit the emission of sulfur dioxide from ~~the following sources to exceed the amounts indicated~~ fossil fuel-fired steam generating units in excess of the rates specified below:

(1) ~~Boiler numbers 3, 4, and 6 (OEPA source numbers B001 through B003); a maximum of 4.4 pounds of sulfur dioxide per MM Btu actual heat input, and the combined average operating rate shall not exceed thirty two MM Btu per hour for any calendar day. 1.70 pounds sulfur dioxide per MM Btu actual heat input for coal-fired units, and~~

(2) ~~Boiler numbers 7 and 8 (OEPA source numbers B004 and B005); a maximum of 1.6 pounds of sulfur dioxide per MM Btu actual heat input from each boiler. 0.70 pound sulfur dioxide per MM Btu actual heat input for oil-fired unit(s).~~

(E) The "Ohio Edison Company, Gorge Plant" (OEPA premise number 1677010022) or any subsequent owner or operator of the "Ohio Edison Company, Gorge Plant, 715 East Cuyahoga Falls Avenue, Akron, Ohio" shall not cause or permit the emission of sulfur dioxide from boiler numbers 25 and 26 (OEPA source numbers B001 and B002) to exceed a maximum of ~~4.24~~ 4.07 pounds of sulfur dioxide per MM Btu actual heat input from each boiler.

(F) The "Ohio Edison Company, Beech Street Steam Heat Plant" (OEPA premise number 1677010023) or any subsequent owner or operator of the "Ohio Edison Company, Beech Street Steam Heat Plant, 40 Beech Street, Akron, Ohio" shall not cause or permit the emission of sulfur dioxide from boiler numbers 1 through 6 (OEPA source numbers B001 through B006) to exceed a maximum of 0.0 pounds of sulfur dioxide per MM Btu actual heat input from each boiler.

(G) The ~~"Diamond Crystal Salt Company~~ Cargill, Incorporated - Salt Division" (OEPA premise number 1677010027) or any subsequent owner or operator of the ~~"Diamond Crystal Salt Company~~ Cargill, Incorporated - Salt Division, 2065 Manchester Road, Akron, Ohio" shall not cause or permit the emission of sulfur dioxide from ~~boiler numbers 3 through 6 (OEPA source numbers B001 through B004) to exceed a maximum of 6.2 pounds of sulfur dioxide per MM Btu actual heat input from each boiler. coal-fired boilers at this facility in excess of 4.72~~

pounds of sulfur dioxide per MM Btu of actual heat input or the emission of sulfur dioxide from oil-fired boilers at this facility in excess of 0.30 pound of sulfur dioxide per MM Btu of actual heat input.

- (H) The "~~B.F. Goodrich Chemical Company~~Novean, Inc." (OEPA premise number 1677010029) or any subsequent owner or operator of the "~~B.F. Goodrich Chemical Company~~Novean, Inc., West Emerling Avenue, Akron, Ohio" shall not cause or permit the emission of sulfur dioxide from ~~boiler number 7 (OEPA source number B008) to exceed a maximum of 4.5 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 MM Btu per hour; second quarter, one hundred MM Btu per hour; third quarter, seventy MM Btu per hour; fourth quarter, one hundred MM Btu per hour~~any stack at this facility in excess of 5.22 pounds of sulfur dioxide per MM Btu actual heat input.
- (I) The "B.F. Goodrich Company" (OEPA premise number 1677010051) or any subsequent owner or operator of the "B.F. Goodrich Company, 500 South Main Street, Akron, 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 the facility in excess of the rates specified below:
- (1) ~~Boiler number 31 (OEPA source number B002); a maximum of 0.50 pounds of sulfur dioxide per MM Btu actual heat input.~~0.51 pound of sulfur dioxide per MM Btu actual heat input for oil-fired boiler 31 (OEPA source number B002);
 - (2) ~~Boiler numbers 27 and 32 (OEPA source numbers B001 and B003); a maximum of 7.0 pounds of sulfur dioxide per MM Btu actual heat input from each boiler and combined average operating rates as follows: first quarter, three hundred sixty MM Btu per hour; second quarter, three hundred sixty MM Btu per hour; third quarter, two hundred thirty one MM Btu per hour; fourth quarter, three hundred sixty MM Btu per hour.~~7.0 pounds of sulfur dioxide per MM Btu actual heat input for coal-fired Boilers #27 and #32 (OEPA source numbers B001 and B003); and
 - (3) boiler 27 shall not be operated simultaneously with boiler 32.
- (J) The "~~Goodyear Aerospace Corporation~~Lockheed Martin Tactical Systems" (OEPA premise number 1677010107) or any subsequent owner or operator of the "~~Goodyear Aerospace Corporation~~Lockheed Martin Tactical Systems, 1210 Massillon Road, Akron, Ohio" shall not cause or permit the emission of sulfur dioxide from the AB powerhouse numbers 1 through 4 (OEPA source numbers B001 through B004) in excess of 1.10 pounds of sulfur dioxide per MM Btu of

actual heat input and plant D numbers 1 through 3 (OEPA source numbers B001 through B007) to exceed a maximum of 2.2 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 sixty seven MM Btu per hour; second quarter, one hundred sixty two MM Btu per hour; third quarter, eighty six MM Btu per hour; fourth quarter, two hundred thirty one MM Btu per hour in excess of 1.83 pounds of sulfur dioxide per MM Btu of actual heat input.

(K) The "Firestone Tire and Rubber Company" (OEPA premise number 1677010129) or any subsequent owner or operator of the "Firestone Tire and Rubber Company, 1200 Firestone Parkway, Akron, 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 the rates specified below:

- (1) Boiler number 1 (OEPA source number B001); a maximum of 2.2 pounds of sulfur dioxide per MM Btu actual heat input and average operating rates as follows: first quarter, two hundred ninety seven MM Btu per hour; second quarter, two hundred ninety seven MM Btu per hour; third quarter, two hundred ninety seven MM Btu per hour; fourth quarter, two hundred ninety seven MM Btu per hour. Boiler number 1 shall be operated simultaneously with not more than one of boiler numbers 2 and 3. 1.76 pounds of sulfur dioxide per MM Btu of actual heat input from boiler 21 (OEPA source number B001) when oil fired and 2.87 pounds of sulfur dioxide per MM Btu of actual heat input from boilers 22 and 23 (OEPA source numbers B002 and B003) when coal fired.
- (2) Boilers numbers 2 and 3 (OEPA source numbers B002 and B003); a maximum of 4.8 pounds of sulfur dioxide per MM Btu actual heat input from each boiler and combined average operating rates as follows: first quarter, seven hundred twenty four MM Btu per hour; second quarter, six hundred seventy two MM Btu per hour; third quarter, six hundred twenty one MM Btu per hour; fourth quarter, six hundred seventy two MM Btu per hour. Not more than one of boiler numbers 2 and 3 shall be operated simultaneously with boiler number 1. In lieu of meeting the requirements of paragraph (K)(1) of this rule, the owner or operator may elect to comply with the alternate emission limitation of 2.20 pounds of sulfur dioxide per MM Btu of actual heat input from B001, B002 and B003 when all are oil fired.
- (3) The owner or operator shall operate no more than two of the boilers, B001, B002 and B003, simultaneously whether complying with paragraph (K)(1) or (K)(2) of this rule.

(L) The "Goodyear Tire and Rubber Company, Plant II" (OEPA premise number 1677010192) or any subsequent owner or operator of the "Goodyear Tire and Rubber Company, Plant II, Martha Avenue, Akron, 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) ~~Boilers "A" through "D" (OEPA source numbers B001 through B004); a maximum of 4.8 pounds of sulfur dioxide per MM Btu actual heat input from each boiler and combined average operating rates as follows: first quarter, eight hundred fifty five MM Btu per hour; second quarter, eight hundred twenty six MM Btu per hour; third quarter, eight hundred twenty six MM Btu per hour; fourth quarter, eight hundred twenty six MM Btu per hour.~~ 2.24 pounds of sulfur dioxide per MM Btu actual heat input for coal-fired boilers A and B (OEPA source numbers B001 and B002) exiting through stack 4;

(2) 2.24 pounds of sulfur dioxide per MM Btu actual heat input for coal-fired boiler C (OEPA source number B003) exiting through stack 5;

(3) 2.24 pounds of sulfur dioxide per MM Btu actual heat input for coal-fired boiler D (OEPA source number B004) exiting through stack 6.

~~(2)~~(4) Sulfur recovery plant (OEPA source number P032); a maximum of 0.1 pounds of sulfur dioxide per pound of sulfur processed.

(5) In lieu of meeting the requirements of paragraphs (L)(1) to (L)(3) of this rule, the owner or operator may elect to comply with the alternate emission limitations and operating conditions specified below, provided the General Tire and Rubber Company (OEPA premise number 1677010375) or any subsequent owner or operator of the General Tire and Rubber Company complies with paragraph (O)(4) of this rule:

(a) sulfur dioxide emissions shall not exceed the rates specified below:

(i) 4.64 pounds of sulfur dioxide per MM Btu actual heat input for coal-fired boilers A, B, and C exiting through stack 4;

(ii) 4.64 pounds of sulfur dioxide per MM Btu actual heat input for coal-fired boiler D exiting through stack 6;

(b) the owner or operator shall operate no more than three of the boilers A, B, C, or D simultaneously;

(c) the owner or operator shall not operate boiler D simultaneously with

boilers A and B.

(M) The "Goodyear Tire and Rubber Company, Plant I Powerhouse" (OEPA premise number 1677010193) or any subsequent owner or operator of the "Goodyear Tire and Rubber Company, Plant I Powerhouse, 1144 East Market Avenue, Akron, 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 ~~4.24.47~~ pounds of sulfur dioxide per MM Btu actual heat input ~~and average operating rates as follows: first quarter, three hundred fifty one MM Btu per hour; second quarter, three hundred fifty one MM Btu per hour; third quarter, two hundred ninety eight MM Btu per hour; fourth quarter, three hundred fifty one MM Btu per hour;:-~~

(2) Boiler numbers 2 and 3 (OEPA source numbers B002 and B003); a maximum of ~~4.2~~ 0.50 pounds of sulfur dioxide per MM Btu actual heat input from each boiler ~~and combined average operating rates as follows: first quarter, one hundred one MM Btu per hour; second quarter, one hundred one MM Btu per hour; third quarter, one hundred one MM Btu per hour; fourth quarter, one hundred one MM Btu per hour.~~

(N) The "Kittinger Supply Company, Incorporated" (OEPA premise number 1677010372) or any subsequent owner or operator of the "Kittinger Supply Company, Incorporated, 2064 Killian Road, Akron, Ohio" shall not cause or permit the emission of sulfur dioxide from ~~the following sources to exceed the amounts indicated:~~ oil-fired boilers in excess of 0.80 pound of sulfur dioxide per MM Btu of actual heat input or the emission of sulfur dioxide from coal-fired boilers in excess of 2.38 pounds of sulfur dioxide per MM Btu of actual heat input.

~~(1) Boiler numbers 3 and 4 (OEPA source numbers B001 and B002); a maximum of 4.5 pounds of sulfur dioxide per MM Btu actual heat input from each boiler.~~

~~(2) Boiler number 5 (OEPA source number B003); a maximum of 1.2 pounds of sulfur dioxide per MM Btu actual heat input.~~

(O) The "General Tire and Rubber Company" (OEPA premise number 1677010375) or any subsequent owner or operator of the "General Tire and Rubber Company, One General Street, Akron, 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 during the first, second, and fourth quarters and a maximum of 0.8 pounds of sulfur dioxide per MM Btu actual heat input from each boiler during the third quarter, and shall operate said boilers such that their combined average operating rate shall not exceed two hundred thirty MM Btu per hour for any calendar day any stack at this facility in excess of the rates specified below:~~

(1) 0.46 pound of sulfur dioxide per MM Btu actual heat input for boiler 1 (OEPA source number B001) when exiting through stack S-35;

(2) 0.46 pound of sulfur dioxide per MM Btu actual heat input for boiler 2 (OEPA source number B002) when exiting through stack S-36;

(3) 0.46 pound of sulfur dioxide per MM Btu actual heat input for boiler 3 (OEPA source number B003) when exiting through stack S-37.

(4) In lieu of meeting the requirements of paragraphs (O)(1) to (O)(3) of this rule, The General Tire and Rubber Company may elect to comply with the alternate emission limitation and operating condition specified below, provided the Goodyear Tire and Rubber Company Plant II (OEPA premise number 1677010192) or any subsequent owner or operator of the Goodyear Tire and Rubber Plant II complies with paragraph (L)(5) of this rule.

(a) The General Tire and Rubber Company shall not cause or permit the emission of sulfur dioxide from any stack in excess of 2.47 pounds of sulfur dioxide per MM Btu actual heat input for oil-fired boilers 1, 2, and 3 when exiting through a 175 foot stack.

(P) The "Midwest Rubber Reclaiming Company" (OEPA premise number 1677020001) or any subsequent owner or operator of the "Midwest Rubber Reclaiming Company, 745 Norton Avenue, Barberton, Ohio" shall not cause or permit the emission of sulfur dioxide from the main boiler (OEPA source number B002) to exceed a maximum of 0.0 pounds of sulfur dioxide per MM Btu actual heat input.

(Q) ~~The "Seiberling Tire and Rubber Company, Division of Firestone" (OEPA premise number 1677020005) or any subsequent owner or operator of the "Seiberling Tire and Rubber Company, Division of Firestone, 345 Fifteenth Street, Northwest, Barberton, 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 2.2 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 MM Btu per hour; second quarter, one hundred MM Btu per hour; third quarter, ninety one MM Btu per hour; fourth quarter, one hundred MM Btu per hour any stack at this facility in excess of 1.46 pounds of sulfur dioxide per MM Btu actual~~

heat input.

- (R) The "Ohio Brass Company" (OEPA premise number 1677020007) or any subsequent owner or operator of the "Ohio Brass Company, Ninth and Park Streets, Barberton, Ohio" shall not cause or permit the emission of sulfur dioxide from boiler numbers 1 and 2 (OEPA source numbers B001 and B003) to exceed a maximum of 4.54.2 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 seventeen MM Btu per hour; second quarter, one hundred seventeen MM Btu per hour; third quarter, thirty five MM Btu per hour; fourth quarter, one hundred seventeen MM Btu per hour.~~
- (S) The "PPG Industries, Incorporated" (OEPA premise number 1677020009) or any subsequent owner or operator of the "PPG Industries, Incorporated, 95 Columbia Court, Barberton, Ohio" shall not cause or permit the emission of sulfur dioxide from boiler numbers 3 and 6 through 12 (OEPA source numbers B001 through B008) to exceed a maximum of 0.0 pounds of sulfur dioxide per MM Btu actual heat input from each boiler.
- (T) The "3M Company" (OEPA premise number 1677040002) or any subsequent owner or operator of the "3M Company, 3154 Copley Road, Copley, Ohio" shall not cause or permit the emission of sulfur dioxide from the following sources to exceed the amounts indicated:
- (1) Sulfuric acid plant number 1 (OEPA source number P003); a maximum of 40.0 pounds of sulfur dioxide per ton of one hundred per cent acid produced.
 - (2) Sulfuric acid plant number 2 (OEPA source number P004); a maximum of 6.5 pounds of sulfur dioxide per ton of one hundred per cent acid produced.
- (U) The "Sonoco Products Company" (OEPA premise number 1677090000) or any subsequent owner or operator of the "Sonoco Products Company, 59 North Main Street, Munroe Falls, Ohio" shall not cause or permit the emission of sulfur dioxide from boiler number 3 (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 thirty-nine MM Btu per hour for any calendar day.
- (V) The "~~DaimlerChrysler Corporation facility~~" (OEPA premise number 1677130006) or any subsequent owner or operator of the "~~DaimlerChrysler Corporation facility~~, State Route 82, Twinsburg, 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 1.2 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, ninety six MM Btu per hour; second quarter, ninety six MM Btu per hour; third quarter, sixty seven MM Btu per hour; fourth quarter, ninety six MM Btu per hour. any stack at this facility in excess of the rates specified below:~~

- (1) 0.86 pound of sulfur dioxide per MM Btu actual heat input for boiler number B001.
- (2) 1.19 pounds of sulfur dioxide per MM Btu actual heat input for boiler numbers B002 and B003.

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CERTIFIED ELECTRONICALLY

Certification

01/13/2006

Date

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