

3745-18-49

Lake county emission limits.

[Comment: For dates and availability of non-regulatory government publications, publications of recognized organizations and associations, federal rules, and federal statutory provisions referenced in this rule, see paragraph (C) of rule 3745-18-01 of the Administrative Code titled "referenced materials."]

- (A) No owner or operator of any coal-fired steam generating unit in Lake county, unless otherwise specified in this rule, shall cause or permit the emission of sulfur dioxide from any source to exceed a maximum of 7.2 pounds of sulfur dioxide per MM Btu actual heat input.
- (B) ~~The~~ "[The](#) Lubrizol Corporation" (OEPA premise number 0243000024) or any subsequent owner or operator of the "[The](#) Lubrizol Corporation, 155 Freedom Road, Painesville, Ohio" shall not cause or permit the emission of sulfur dioxide from the following sources to exceed the amounts indicated:
- (1) Boiler numbers 1 through 4 (OEPA source numbers B001 through B004); a maximum of 1.6 pounds of sulfur dioxide per MM Btu actual heat input from each boiler.
 - (2) [Reserved.]
 - (3) Process "G" (OEPA source number P006); a maximum of 26.99 pounds of sulfur dioxide per hour.
 - (4) [Reserved.]
 - (5) Process "M" (OEPA source number P012); a maximum of 160.0 pounds of sulfur dioxide per hour.
 - (6) Process "N" (OEPA source number P013); a maximum of 25.0 pounds of sulfur dioxide per hour.
 - (7) Process "O" (OEPA source number P014); a maximum of 10.0 pounds of sulfur dioxide per hour.
 - (8) Process "W" (OEPA source number P022); a maximum of 20.0 pounds of sulfur dioxide per hour.
 - (9) [Reserved.]

- (10) Process "Z" (OEPA source number P029); a maximum of 68.80 pounds of sulfur dioxide per hour.
 - (11) Process "AC" (OEPA source number P030); a maximum of 30.0 pounds of sulfur dioxide per hour.
 - (12) Waste incinerator (OEPA source number N001); a maximum of 100.0 pounds of sulfur dioxide per hour.
 - (13) In addition to the provisions of paragraphs (B)(4), (B)(5), (B)(6), (B)(7), (B)(8) and (B)(11) of this rule, processes "M", "N", "O", "W" and "AC" (OEPA source numbers P012 to P014, P022 and P030) shall be limited to the emission of sulfur dioxide not to exceed a maximum of 247.4 pounds of sulfur dioxide per hour or a maximum of 100.0 tons of sulfur dioxide per calendar year.
 - (14) The combined allowable emissions from processes "M", "N", "O", "W" and "AC" (OEPA source numbers P012 to P014, P022 and P030) for any hour shall be the sum of the individual allowable sulfur dioxide emission limits for those processes that are in operation during any part of that hour.
- (C) [Reserved.]
- (D) [Reserved.]
- (E) The "Carmeuse Lime, Inc. - Grand River Operations" (OEPA premise number 0243030257) or any subsequent owner or operator of the "Carmeuse Lime, Inc. - Grand River Operations, 15 Williams Street, Grand River, Ohio" shall not cause or permit the emission of sulfur dioxide from lime kiln numbers 4 and 5 (OEPA source numbers P001 and P002) to exceed a maximum of 10.0 pounds of sulfur dioxide per ton of product.
 - (F) The "Painesville Municipal Electric Plant" (OEPA premise number 0243110008) or any subsequent owner or operator of the "Painesville Municipal Electric Plant, 325 Richmond Street, Painesville, Ohio" shall meet the following for boiler numbers 3, 4 and 5 (OEPA source numbers B003, B004, and B001):
 - (1) Not cause or permit the emission of sulfur dioxide to exceed a maximum of 4.0 pounds of sulfur dioxide per MM Btu actual heat input from each boiler.
 - (2) Operate said boilers such that their combined average operating rate shall not

exceed two hundred forty-nine MM Btu per hour for any calendar day, excluding any heat input from burning biomass or natural gas.

- (3) Operate only one boiler on coal at any time.
- (4) Operate boiler number 5 (OEPA source number B001) such that the average sulfur dioxide emission rate shall not exceed two hundred eighty-seven pounds per hour for any thirty operating-day period.
- (5) Operate boiler number 3 (OEPA source number B003) such that the average sulfur dioxide emission rate shall not exceed three hundred forty pounds per hour for any thirty operating-day period.
- (6) Operate boiler number 4 (OEPA source number B004) such that the average sulfur dioxide emission rate shall not exceed three hundred forty pounds per hour for any thirty operating-day period.
- (7) Operate each boiler with an annual capacity factor of no more than ten per cent, using the definition of annual capacity factor” in 40 CFR 63.7575 except that for purposes of this paragraph, the determination of the annual capacity factor shall exclude any heat input from burning biomass or natural gas.
- (8) For the purpose of this paragraph, "biomass" means any of the following:
 - (a) Any organic material grown for the purpose of being converted to energy.
 - (b) Any organic byproduct of agriculture that can be converted into energy (other than manure).
 - (c) Any material that can be converted into energy and is nonmerchantable for other purposes, that is segregated from other nonmerchantable material, and that is either of the following:
 - (i) A forest-related organic resource, including mill residues (other than black liquor), precommercial thinnings, slash, brush, or by product from conversion of trees to merchantable material.
 - (ii) A wood material, including pallets, crates, dunnage, manufacturing and construction materials (other than pressure-treated, chemically-treated, or painted wood products), and landscape or

right-of-way tree trimmings.