

Chapter 04 State Performance Standards for Specific Existing Sources

Section 2. Existing sulfuric acid production units.

(a) Any existing facility producing sulfuric acid by the contact process by burning elemental sulfur, alkylation acid, hydrogen sulfide, organic sulfides, mercaptans, or acid sludge shall limit the atmospheric discharge of acid mist in the effluent to not more than 0.50 pounds per ton of acid produced (0.25 kgm per metric ton), - maximum 2-hour average, expressed as H₂SO₄. Reference method: Method 8, Appendix A, 40 CFR part 60.

(b) Any existing facility producing sulfuric acid by the contact process by burning elemental sulfur, alkylation acid, hydrogen sulfide, organic sulfides, mercaptans, or acid sludge shall limit the atmospheric discharge of sulfur dioxide in the effluent to not more than 2000 ppm--maximum 2-hour average.

Section 3. Existing nitric acid manufacturing plants.

(a) The emission of nitrogen oxides from existing nitric acid manufacturing plants, calculated as nitrogen dioxide shall be limited to 5.5 pounds per ton (2.8 kilograms per metric ton) of acid produced, maximum 2-hour average.