

(Adopted May 7, 1976)(Amended December 1, 1978)
(Amended July 6, 1979)(Amended February 13, 1981)

RULE 469. SULFURIC ACID UNITS

- (a) A person shall not discharge into the atmosphere from any sulfuric acid unit, effluent process gas containing more than:
- (1) 500 ppm of sulfur compounds expressed as sulfur dioxide, calculated on a dry basis averaged over a minimum of 15 consecutive minutes.
 - (2) 90 kilograms (198.5 pounds) per hour of sulfur compounds expressed as sulfur dioxide.
- (b) An owner or operator of a sulfuric acid production unit shall not discharge into the atmosphere any gases which contain sulfuric acid mist in excess of 0.150 kilogram per metric ton (0.3 lb. per ton) of acid produced (the production of such acid expressed as 100 percent H₂SO₄).
- (1) Sulfuric Acid Mist means H₂SO₄, as measured by 40 CFR 60 Appendix A, Method 8 or such other test methods and procedures prescribed by the Executive Officer.
 - (2) Sulfuric Acid Production Unit means any facility producing sulfuric acid by the contact process by burning elemental sulfur, alkylation acid, hydrogen sulfide, organic sulfides and mercaptans, or acid sludge, but does not include facilities where conversion to sulfuric acid is utilized primarily as a means of preventing emissions to the atmosphere of sulfur dioxide or other sulfur compounds.
 - (3) The provisions of this subsection (b) shall not apply to sulfuric acid production units, the construction, modification, or reconstruction of which commenced after August 17, 1971.