

(Adopted December 6, 1985)

RULE 1159. NITRIC ACID UNITS - OXIDES OF NITROGEN

(a) Definitions

For purposes of this rule, the following definitions shall apply:

- (1) Nitric Acid Production Unit means any facility producing weak nitric acid by either the pressure or atmospheric pressure process.
- (2) Weak Nitric Acid means acid which is 30 to 70 percent in strength.

(b) Requirements

An owner/operator of a nitric acid production unit shall not discharge into the atmosphere any gases which contain oxides of nitrogen expressed as NO₂ in excess of:

- (1) 450 ppm, dry basis, averaged over 15 consecutive minutes.
- (2) 237 ppm, dry basis, averaged over 60 consecutive minutes, or
- (3) 1.5 kilograms per metric ton (3 pounds per ton) of acid produced, averaged over a 60-consecutive-minute period (the production being expressed as 100 percent nitric acid).