

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

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Permit Number 32929

This table lists the maximum allowable emission rates and all sources of air contaminants on the applicant's property covered by this permit. The emission rates shown are those derived from information submitted as part of the application for permit and are the maximum rates allowed for these facilities. Any proposed increase in emission rates may require an application for a modification of the facilities covered by this permit.

AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	<u>Emission Rates</u>	
			lb/hr	TPY
S1	Sulfuric Acid Storage Tank (6,400-gallon capacity)	H ₂ SO ₄	<0.01	<0.01
S2	Sulfuric Acid Mix Tank	H ₂ SO ₄	<0.01	<0.01
AT1	Re-Acidulate Tank	H ₂ SO ₄	0.10	0.50
LS1	Lime Silo Baghouse Stack	PM/PM ₁₀	0.07	0.10
C1 - C4	Beam House Chase Stacks (4 total)	H ₂ S	1.28	2.80
		NH ₃	1.04	2.30
NSH3	Nash Storage Building Stack	H ₂ S	0.13	0.13
BV1 - BV19	Building Vents (19 total)	H ₂ S	2.51	7.38
		NH ₃	4.38	9.60
		H ₂ SO ₄	0.01	0.13

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- (1) Emission point identification - either specific equipment designation or emission point number from plot plan.
- (2) Specific point source name. For fugitive sources, use area name or fugitive source name.
- (3) PM - particulate matter, suspended in the atmosphere, including PM₁₀.
PM₁₀ - particulate matter equal to or less than 10 microns in diameter. Where PM is not listed, it shall be assumed that no PM greater than 10 microns is emitted.
NH₃ - anhydrous ammonia
H₂S - hydrogen sulfide
H₂SO₄ - sulfuric acid

Dated April 13, 2007