

# Emission Sources - Maximum Allowable Emission Rates

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, sources, and related activities. 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)	Emission Rates (5)	
			lbs/hour	TPY (4)
S1	Sulfuric Acid Storage Tank (6,400-gallon capacity)	H <sub>2</sub> SO <sub>4</sub>	<0.01	<0.01
S2	Sulfuric Acid Mix Tank	H <sub>2</sub> SO <sub>4</sub>	<0.01	<0.01
AT1	Re-Acidulate Tank	H <sub>2</sub> SO <sub>4</sub>	0.10	0.50
LS1	Lime Silo Baghouse Stack	PM/PM <sub>10</sub>	0.07	0.10
D1 – D4	Tanning Drum Stacks (4 total)	H <sub>2</sub> S	6.22	10.00
		NH <sub>3</sub>	0.05	0.12
		H <sub>2</sub> SO <sub>4</sub>	<0.01	<0.01
P1 – P2	Pickle Tank Stacks (2 total)	H <sub>2</sub> SO <sub>4</sub>	<0.01	<0.01
C1 – C4	Beam House Chase Stacks (4 total)	H <sub>2</sub> S	1.28	2.80
		NH <sub>3</sub>	1.04	2.30
NSH3	Nash Storage Building Stack	H <sub>2</sub> S	0.13	0.13
BV1 – BV19	Building Vents (19 total)	H <sub>2</sub> S	2.51	7.38
		NH <sub>3</sub>	4.38	9.60
		H <sub>2</sub> SO <sub>4</sub>	0.01	0.13

- (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
  - total particulate matter, suspended in the atmosphere, including PM<sub>10</sub> and PM<sub>2.5</sub>, as represented
  - PM<sub>10</sub>
    - total particulate matter equal to or less than 10 microns in diameter, including PM<sub>2.5</sub>, as represented
  - NH<sub>3</sub>
    - anhydrous ammonia
  - H<sub>2</sub>S
    - hydrogen sulfide
  - H<sub>2</sub>SO<sub>4</sub>
    - sulfuric acid
- (4) Compliance with annual emission limits (tons per year) is based on a 12 month rolling period.
- (5) Planned startup and shutdown emissions are included. Maintenance activities are not authorized by this permit.

Date: March 29, 2019