

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 21000

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)	Emission Rates *	
			lb/hr	TPY
7-BV	Building Vents (17 Total)	H ₂ S	2.53	7.59
		NH ₃	5.29	11.62
		H ₂ SO ₄	<0.01	0.16
7-S	Acid Tank	H ₂ SO ₄	<0.01	0.16
7-SC	Tannery Two-Stage Scrubber	H ₂ S	0.66	1.04
		NH ₃	0.14	0.14
		COS	0.40	0.32
		CS ₂ < 0.01	< 0.01	
7-P	Pickle Tanks (4 Total)	H ₂ SO ₄	0.16	0.81
7-C	Chase Vents (6 Total)	H ₂ S	1.54	3.57
		NH ₃	1.27	2.76
		COS	1.20	0.08
7-L	Lime Silo	PM ₁₀	1.15	0.08
7-A	Re-Acidulate Tank	H ₂ SO ₄	0.16	0.81
		H ₂ S 0.50	2.20	
		COS < 0.01	0.01	
7-D	Hairburn/Delime Drums (6 Total)	H ₂ S	1.11	1.80
		NH ₃	0.08	0.08
		H ₂ SO ₄	0.07	0.42
		COS	0.02	0.09
		CS ₂ 0.01	0.04	

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	TPY
1-FLARE	Biogas Flare	NO _x	3.99	17.48
		CO	34.19	149.75
		VOC	2.75	12.05
		SO ₂	46.86	205.25
		H ₂ S	0.50	2.19
2-SC	Scrubber No. 2	H ₂ S	1.10	4.82

- (1) Emission point identification - either specific equipment designation or emission point number from a plot plan.
- (2) Specific point source names. For fugitive sources use area name or fugitive source name.
- (3) H₂S - hydrogen sulfide
 NH₃ - anhydrous ammonia
 H₂SO₄ - sulfuric acid
 COS - carbonyl sulfide
 CS₂ - carbon disulfide
 PM₁₀ - particulate matter (PM) less than equal to or less than 10 microns in diameter. Where PM is not listed, it should be assumed that no particulate matter greater than 10 microns is emitted.
 NO_x - total oxides of nitrogen
 CO - carbon monoxide
 VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
 SO₂ - sulfur dioxide

* Refer to Special Condition No. 2 for throughput limitations and basis of emission rates.

Dated December 19, 2002