

## EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 8431

This table lists the maximum allowable emission rate 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**
1	Mixing Tanks T-311 through T-317 Exhaust	Acids/Bases	0.43	0.01
		VOC	4.22	0.21
3A	Scrubber Exhaust	Acids	0.24	0.01
		VOC	6.30	0.04
5	Hold Tank T-415 Vent	Acids/Bases	0.03	0.01
		VOC	0.01	0.01
6	Hold Tank T-416 Vent	Acids/Bases	0.03	0.01
		VOC	0.01	0.01
7	Hold Tank T-417 Vent	Acids/Bases	0.03	0.01
		VOC	0.01	0.01
8	Hold Tank T-418 Vent	Acids/Bases	0.03	0.01
		VOC	0.01	0.01
9	Principal Hold Tank T-413	VOC	0.01	0.01
10	Sodium Hypochlorite Hold Tank T-412	VOC	0.01	0.01
11	Sulfuric Acid Tank T-119 Vent	Acid	0.04	0.01
15	Polymer Melt Vacumax Exhaust	PM <sub>10</sub>	0.35	0.13
16	Polymer Melt Mixing Scrubber Exhaust for Tanks T-102, T-103,	Acids	0.02	0.01
		VOC	0.94	0.65
		SO <sub>2</sub>	0.01	0.01

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## AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2) and T-105	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	TPY**
17	Fugitive Emissions	Acids/Bases VOC	0.77 0.41	0.05 0.02
18	Filter Receiver	PM <sub>10</sub>	0.22	0.98
21	Filter Receiver	PM <sub>10</sub>	0.22	0.98
22	Filter Receiver	PM <sub>10</sub>	0.22	0.98
24	Neutralization	Ammonia Acids VOC	0.57 0.72 0.65	2.49 0.05 0.04
25	Powder Mezzanine Exhaust	PM <sub>10</sub>	0.66	2.94

- (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.  
 (3) PM<sub>10</sub> - particulate mater less than 10 microns in diameter  
 VOC - volatile organic compounds as defined Title 30 Texas Administrative Code § 101.1  
 Acids - acidic emissions only  
 Acids/Bases - acidic or basic emissions  
 SO<sub>2</sub> - sulfur dioxide

\* Emission rates are based on and the facilities are limited by the following maximum operating schedule:

\_\_\_\_Hrs/day \_\_\_\_Days/week \_\_\_\_Weeks/year or 8,760 Hrs/year

\*\* Compliance with annual emission limits is based on a rolling 12-month period.

Dated December 6, 2007