

## EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 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 VOC	0.43 4.22	<0.01 0.21
3A	Scrubber Exhaust	Acids/Bases VOC	0.24 6.3	<0.01 0.04
5	Hold Tank T-415 Vent	Acids/Bases VOC	0.03 0.01	<0.01 <0.01
6	Hold Tank T-416 Vent	Acids/Bases VOC	0.03 0.01	<0.01 <0.01
7	Hold Tank T-417 Vent	Acids/Bases VOC	0.03 0.01	<0.01 <0.01
8	Hold Tank T-418 Vent	Acids/Bases VOC	0.03 0.01	<0.01 <0.01
9	Principal Hold Tank T-413 <0.01		VOC	<0.01
10	Sodium Hypochlorite Hold Tank T-412	VOC	<0.01	<0.01
11	Sulfuric Acid Tank T-119 Vent	Acids/Bases	0.04	<0.01
12	Line No. 30 Filler	Acids/Bases VOC	0.01 <0.01	<0.01 <0.01

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CONTAMINANTS DATA			AIR	
Emission *	Source	Air Contaminant	<u>Emission Rates</u>	
<u>Point No. (1)</u>	<u>Name (2)</u>	<u>Name (3)</u>	<u>lb/hr</u>	<u>TPY</u>
13	Line No. 60 Exhaust	Acids/Bases VOC	<0.01 <0.01	<0.01 <0.01
14	Hypochlorite Scrubber Exhaust for Tanks T-321, T-322, and T-323	VOC Cl <sub>2</sub>	<0.01 <0.01	<0.01 <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, and T-105	Acids/Bases VOC SO <sub>2</sub>	0.02 0.94 <0.01	<0.01 0.65 <0.01
17	Fugitive Emissions (4)	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/Bases VOC	0.57 0.72 0.65	2.49 0.05 0.04
25	Powder Mezzanine Exhaust 2.94		PM <sub>10</sub>	0.66

(1) Emission point identification - either specific equipment designation or emission point number from plot

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AIR

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Emission *	Source	Air Contaminant	<u>Emission Rates</u>	
Point No. (1)	Name (2)	Name (3)	lb/hr	TPY

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 General Rule 101.1

Acid/Base - acidic or basic emissions

SO<sub>2</sub> - sulfur dioxide

Cl<sub>2</sub> - chlorine

Dated \_\_\_\_\_