

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 *	Source	Air Contaminant	<u>Emission Rates</u>	
Point No. (1)	Name (2)	Name (3)	lb/hr	TPY
1	Mixing Tanks T-311 through T-317 Exhaust	Acids/Bases VOC	0.43 4.22	<0.01 0.21
2	Mixing Tanks T-318 and T-319 Exhaust	Acids/Bases VOC	0.04 4.82	<0.01 0.37
3	Mixing Tanks T-320 and T-324 Exhaust	Acids/Bases VOC	0.19 1.48	0.02 0.13
3A	Scrubber Exhaust	Acids/Bases	0.01	<0.01
4	Mixing Tanks T-325 and T-326 Exhaust	Acids/Bases VOC	0.60 0.65	0.04 0.04
4A	Scrubber Exhaust	Acids/Bases	0.12	<0.01
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	VOC		<0.01

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Emission * Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lb/hr	TPY
	<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	0.01	<0.01
		VOC	<0.01	<0.01
13	Line No. 60 Exhaust	Acids/Bases	<0.01	<0.01
		VOC	<0.01	<0.01
14	Hypochlorite Scrubber Exhaust for Tanks T-321, T-322, and T-323	VOC	<0.01	<0.01
15	Polymer Melt Vacumax Exhaust	PM ₁₀	0.35	0.13
16	Polymer Melt Mixing Scrubber Exhaust for Tanks T-102, T-103 and T-105	Acids/Bases	0.02	<0.01
		VOC	0.94	0.65
17	Fugitive Emissions (4)	Acids/Bases	0.77	0.05
		VOC	0.41	0.02
18	Filter Receiver	PM ₁₀	0.22	0.98
19	Filter Receiver	PM ₁₀	0.22	0.98
20	Filter Receiver	PM ₁₀	0.22	0.98
21	Filter Receiver	PM ₁₀	0.22	0.98
22	Filter Receiver	PM ₁₀	0.22	0.98
23	Filter Receiver	PM ₁₀	0.22	0.98
24	Neutralization	Ammonia	0.57	2.49

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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.
- (3)

PM ₁₀	- particulate mater less than 10 microns in diameter
VOC	- volatile organic compounds as defined General Rule 101.1
Acid/Base	- acidic or basic emissions
- (4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.

* 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

Dated _____