

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Special Permit Number S-18814

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)	<u>Emission Rates *</u>	
			lb/hr	TPY**
T1	Tank T1	VOC	2.95	0.04
T2	Tank T2	VOC	2.95	0.04
T3	Tank T3	VOC	2.95	0.04
T4	Tank T4	VOC	2.95	0.04
T5	Tank T5	VOC	2.95	0.04
T6	Tank T6	VOC	2.95	0.04
T7	Tank T7	VOC	2.95	0.04
T8	Tank T8	VOC	2.95	0.04
T9	Tank T9	VOC	8.86	0.06
T10	Tank T10	VOC	5.91	0.05
T16	Tank T16	VOC	14.77	0.06
T17	Tank T17	VOC	14.77	0.06
T18	Tank T18	VOC	14.77	0.06
T19	Tank T19	VOC	14.77	0.06
T20	Tank T20	VOC	14.77	0.05

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MXTK	Batch Mix Tanks (Loading and Evaporative Emissions)	VOC	46.93	0.64
		Acetone	3.45	0.20
		Ammonium Hydroxide	1.14	0.01
		Ammonium Bifluoride	0.06	0.01
		Hydrochloric Acid	0.44	0.01
		Hydrofluoric Acid	0.03	0.01
		Methylene Chloride	1.29	0.22
		Perchloroethylene	0.72	0.01
		Phosphoric Acid	0.20	0.01
		Sulfuric Acid	0.09	0.01
		Potassium Hydroxide	0.24	0.01
		Sodium Hydroxide	0.05	0.01
		Sodium Hypochlorite	0.91	0.01
MXTK-UL	Batch Tank Unloading	VOC	30.52	0.39
		Acetone	3.45	0.20
		Ammonium Hydroxide	2.76	0.02
		Ammonium Bifluoride	0.01	0.01
		Hydrochloric Acid	1.07	0.02
		Hydrofluoric Acid	0.07	0.01
		Methylene Chloride	3.13	0.53
		Perchloroethylene	1.73	0.03
		Phosphoric Acid	0.11	0.01
		Sulfuric Acid	0.03	0.01
		Potassium Hydroxide	0.05	0.01
		Sodium Hydroxide	0.01	0.01
		Sodium Hypochlorite	0.23	0.01

THE FOLLOWING EMISSIONS ARE COVERED UNDER TITLE 30 TEXAS ADMINISTRATIVE CODE CHAPTER 106 PERMITS BY RULE AND NOT THIS PERMIT. THESE EMISSIONS ARE

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SHOWN HERE FOR INFORMATION. THESE EMISSIONS ARE IN ADDITION TO THE EMISSIONS FROM THE EPNS SHOWN ABOVE.

MXTK	Batch Mix Tanks	VOC	2.4	5.00
		Aluminum	0.01	0.01
		Chlorohydrate		
		Siloxanes	0.75	1.56
		Potassium Silicate	0.12	0.26
		Sodium Silicate	0.17	0.36
MXTK-UL	Batch Tank Unloading	VOC	0.8	1.67
		Aluminum	0.01	0.01
		Chlorohydrate		
		Siloxanes	0.25	0.52
		Potassium Silicate	0.04	0.09
		Sodium Silicate	0.06	0.12

- (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 an area name or fugitive source name.
- (3) VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1

* 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 May 9, 2008