

# EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 49364

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	Emission Rates *	
			lb/hr	TPY**
SCRUB1	Tank 101 Scrubber	Formaldehyde	0.0027	0.0003
		Methanol	0.0007	0.0001
SCRUB2	R-3, R-5, and R-7 Scrubber	Formaldehyde	0.0093	0.0085
		Methanol	0.0012	0.0011
		Amines	0.0227	0.0029
		Phosphorous Acid	0.0106	0.0198
		Acetic Acid	0.0021	0.0040
		Hydrochloric Acid	0.0007	0.0014
SCRUB3	R-11 Scrubber	Formaldehyde	0.0093	0.0085
		Methanol	0.0012	0.0011
		Amines	0.0227	0.0029
		Phosphorous Acid	0.0106	0.0198
		Acetic Acid	0.0021	0.0040
		Hydrochloric Acid	0.0007	0.0014
SCRUB4	Tank 102 Scrubber	Formaldehyde	0.0027	0.0003
		Methanol	0.0007	0.0001
SCRUB5	Product Load Out to Truck, Tote, and Drum Scrubber	Phosphonate	0.0113	0.0637
		Methanol	0.0100	0.0561
		Hydrochloric Acid	0.0023	0.0127
		Amines	0.0029	0.0166
		Phosphoric Acid	0.0005	0.0025
FUGITIVE	Fugitives (3)	Formaldehyde	0.0007	0.0030
		Methanol	0.0001	0.0004
		Amines and Acids	0.0098	0.0431

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- (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) 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:

24 Hrs/day 7 Days/week 52 Weeks/year

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

Dated June 27, 2007