

# 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	0.0023	0.0001
		Methanol	0.0003	0.00001
SCRUB2	R-3, R-5, and R-7 Scrubber	Formaldehyde	0.0016	0.0001
		Methanol	0.0002	0.00002
		Amines	0.0167	0.0007
		Phosphorous Acid	0.0106	0.0020
		Acetic Acid	0.0021	0.0004
		Hydrochloric Acid	0.0078	0.0015
SCRUB3	R-11 Scrubber	Formaldehyde	0.0016	0.0001
		Methanol	0.0002	0.00002
		Amines	0.0167	0.0007
		Phosphorous Acid	0.0106	0.0020
		Acetic Acid	0.0021	0.0004
		Hydrochloric Acid	0.0078	0.0015
LOAD	Product Load Out to Truck, Tote, and Drum Scrubber	Phosphonate	0.0020	0.0011
		Methanol	0.0017	0.0010
		Hydrochloric Acid	0.0004	0.0002
		Amines	0.0167	0.0007
		Phosphoric Acid	0.0001	0.0022
FUGITIVE	Fugitives (3)	Formaldehyde	0.0313	0.1371
		Methanol	0.0059	0.0259
		Amines and Acids	0.0846	0.3705

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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 July 15, 2002