

# EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 40972

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)	Emission Rates *	
			lb/hr	TPY**
T1-W	IFR Tank 1 (5)	VOC	1.82	4.53
		Benzene	0.01	0.02
T2-W	IFR Tank 2 (5)	VOC	1.82	4.53
		Benzene	0.01	0.02
T3-W	IFR Tank 3 (5)	VOC	0.89	0.28
T6-W	IFR Tank 6	VOC	0.68	0.33
T5-W	Contact Water Tank	VOC	0.19	0.52
T-7	Slop Tank	VOC	0.19	0.02
T-10	Additive Tank 10 (6)	VOC	16.24	0.14
T-12	Additive Tank 12 (6)	VOC	16.24	0.14
T-13	Additive Tank 13 (6)	VOC	16.24	0.14
T-14	Additive Tank 14	VOC	16.24	0.01
T-15	Additive Tank 15	VOC	16.25	0.02
T-16	Additive Tank 16	VOC	3.25	0.02
VRU	Vapor Recovery Unit (5) (7)	VOC	26.23	29.42
		Benzene	0.11	0.12
VCU	Vapor Combustor (5) (7) (8)	VOC	26.23	29.42
		Benzene	0.11	0.12
		NO <sub>x</sub>	8.82	7.53
		CO	17.61	15.04

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	TPY**
F-LR	Loading Rack Fugitives (5)	VOC	25.90	34.62
		Benzene	0.11	0.14
FUGITIVES	Terminal Fugitives (4) (5)	VOC	0.15	0.67
		Benzene	0.01	0.01

- (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 area name or fugitive source name.
- (3) VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1  
NO<sub>x</sub> - nitrogen oxides  
CO - carbon monoxide
- (4) Emission rate is an estimate and compliance is demonstrated by meeting the requirements of the applicable special conditions and permit application representations.
- (5) Benzene emissions are not included in the total VOC emission rate.
- (6) Cumulative annual emissions from any one or a combination of these tanks shall not exceed 0.14 ton per year (tpy) of VOC.
- (7) The Vapor Recovery Unit and the Vapor Combustion Unit may run simultaneously, but the cumulative annual emissions from either unit operation shall not exceed 29.42 tpy of VOC and 0.12 tpy of benzene.
- (8) These emissions are authorized by Standard Permit Number 79500 and are being consolidated into this permit via reference only.

\* 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 units is based on a rolling 12-month period.

Dated August 2, 2010