

# EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 3102

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**
Tank 502	Storage Tank 502	VOC	0.50	1.65
Tank 506	Storage Tank 506	VOC	0.47	1.54
Tank 507	Storage Tank 507	VOC	4.04	3.13
Tank 508	Storage Tank 508	VOC	5.03	4.12
Tank 509	Storage Tank 509	VOC	1.68	0.03
Tank 521	Storage Tank 521	VOC	20.95	0.10
Tank 522	Storage Tank 522	VOC	20.95	0.10
RAILFUG	Railcar Loading Fugitives (4)	VOC	49.80	8.28
TRUCKFUG	Truck Loading Fugitives (4)	VOC	11.68	0.07
FU-1	Fugitives (4)	VOC	1.93	8.45
F-3	Flare No. 3	VOC	17.82	0.46
		CO	6.03	0.26
		NO <sub>x</sub>	0.84	0.04
		SO <sub>2</sub>	0.01	0.01
		H <sub>2</sub> S	0.01	0.01
F-4	Flare No. 4	VOC	40.09	16.78
		CO	13.49	5.75
		NO <sub>x</sub>	1.87	0.80
		SO <sub>2</sub>	0.01	0.01
		H <sub>2</sub> S	0.01	0.01

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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 name.
- (3) VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code ' 101.1.  
NO<sub>x</sub> - nitrogen oxide  
CO - carbon monoxide  
SO<sub>2</sub> - sulfur dioxide  
H<sub>2</sub>S - hydrogen sulfide
- (4) Emission rate is an estimate and compliance is demonstrated by meeting the requirements of the applicable special conditions and permit application representations.

- \* Emission rates are based on and the facilities are limited by the following maximum operating schedule:

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

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

Dated December 22, 2009