

# EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 56481

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**
T3166	Tank 3166	VOC	1.06	1.26
T3167	Tank 3167	VOC	1.38	0.66
T3168	Tank 3168	VOC	0.93	0.72
T3169	Tank 3169	VOC	18.59	3.73
T3170	Tank 3170	VOC	18.59	3.73
T3171	Tank 3171	VOC	3.02	1.81
T3172	Tank 3172	VOC	4.95	4.46
T3173	Tank 3173	VOC	2.82	1.82
T3174	Tank 3174	VOC	5.39	4.75
T3175	Tank 3175	VOC	2.83	2.30
T3176	Tank 3176	VOC	20.25	2.21
T3410	Tank 3410	VOC	0.74	0.96
T4279	Tank 4279	VOC	1.37	2.70
T4280	Tank 4280	VOC	2.45	0.92

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	TPY**
FUG1	Equipment Component Fugitives (4)	VOC	0.12	0.51
FUG2	Uncaptured Loading Fugitives (4)	VOC	42.63	35.16
FUG3	Ethanol Equipment Fugitives	VOC	0.46	0.20
VCU	Vapor Combustion Unit	VOC	22.54	28.93
		NO <sub>x</sub>	9.04	9.90
		CO	22.65	25.21
		PM	0.01	0.01
		SO <sub>2</sub>	0.01	0.01
AD-1	Additive Tank 1	VOC	0.35	0.01
AD-2	Additive Tank 2	VOC	10.05	0.18
AD-3	Additive Tank 3	VOC	6.92	0.09
AD-4	Additive Tank 4	VOC	2.44	0.06
AD-5	Additive Tank 5 (Red Dye Tank)	VOC	1.72	0.04
AD-6	Additive Tank 6	VOC	2.50	0.02

(1) Emission point identification - either specific equipment designation or emission point number from a plot plan.

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- (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  
NO<sub>x</sub> - total oxides of nitrogen  
CO - carbon monoxide  
PM - particulate matter, suspended in the atmosphere, including PM<sub>10</sub>  
PM<sub>10</sub> - particulate matter (PM) equal to or less than 10 microns in diameter. Where PM is not listed, it shall be assumed that no PM greater than 10 microns is emitted.  
SO<sub>2</sub> - sulfur dioxide
- (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:  
24 Hrs/day 7 Days/week 52 Weeks/year
- \*\* Compliance with annual emission limits is based on a rolling 12-month period.

Dated September 8, 2010