

## EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 46528

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**
720	Tank T720	VOC (5)	5.64	
741	Tank T741	VOC (5)	54.30	
743	Tank T743	VOC (5)	1.24	
744	Tank T744	VOC (5)	1.75	
745	Tank T745	VOC (5)	1.47	
746	Tank T746	VOC (5)	54.30	
747	Tank T747	VOC (5)	1.23	
748	Tank T748	VOC (5)	1.64	
749	Tank T749	VOC (5)	1.64	
750	Tank T750	VOC (5)	1.43	
751	Tank T751	VOC (5)	1.42	
752	Tank T752	VOC (5)	45.25	

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	TPY**
753	Tank T753	VOC (5)	45.25	
755	Tank T755	VOC (5)	1.42	
756	Tank T756	VOC (5)	45.25	
757	Tank T757	VOC (5)	45.25	
758	Tank T758	VOC (5)	2.85	
762	Tank T762	VOC (5)	1.68	
771	Tank T771	VOC (5)	2.03	
<b>Hourly cap - Tank Roof Landing Operations only</b>				
All Tanks	All Tanks	VOC	720.29	
<b>Annual Caps - All Tank Operations (includes roof landing re-fill and de-gassing to 34,000 ppmv)</b>				
All Tanks	All Tanks	VOC		89.80
Flare-01	Tank 758	VOC	<0.01	<0.01
	Upset/Overpressure Flare	NO <sub>x</sub>	0.03	0.11
		CO	0.05	0.23
Fugitive Emissions	Fugitive Emissions (4)	VOC	0.09	0.42
Degas-01	Controlled Standing Idle Emissions	VOC (6)	---	---
		NO <sub>x</sub>	9.09	0.03
		CO	18.14	0.06
ATM-Degas	Tank De-gassing	VOC (5)	59.59	--

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	TPY**
No. 14 Sump	Tank T14	VOC	14.94	0.25
No. 16 Sump	Tank T16	VOC	2.18	0.05
No. 20 Sump	Tank T20	VOC	14.94	0.25
No. 7 Sump	Tank T7	VOC	7.94	0.18
Diesel1	Tank Diesel 1	VOC	0.01	0.01
Diesel2	Tank Diesel 2	VOC	0.01	0.01
CE1	Compressor Engine 1	VOC	0.05	0.04
		NO <sub>x</sub>	1.76	1.32
		PM <sub>10</sub>	0.18	0.13
		CO	0.55	0.41
		SO <sub>2</sub>	0.16	0.12

- (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) VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code ' 101.1  
NO<sub>x</sub> - nitrogen oxides  
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 particulate matter greater than 10 microns in emitted.  
CO - carbon monoxide  
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.
- (5) Annual VOC emissions included in annual >all tanks= caps
- (6) VOC emissions included in respective hourly and annual >all tanks= caps.

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

Dated July 12, 2011