

## EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 48243

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**
697	Tank 697	VOC	2.09	4.40
698	Tank 698	VOC	7.15	2.22
699	Tank 699	VOC	1.56	3.55
700	Tank 700	VOC	1.28	2.92
701	Tank 701	VOC	1.25	1.73
800	Tank 800	VOC	9.77	1.06
802	Tank 802	VOC	9.77	0.72
920	Tank 920	VOC	0.63	1.48
982	Tank 982	VOC	0.65	1.48
1091	Tank 1091	VOC	0.59	1.52
1120	Tank 1120	VOC	0.61	1.47
1131	Tank 1131	VOC	0.61	1.47
7840	Tank 7840	VOC	5.31	0.17
7850	Tank 7850	VOC	5.31	0.17
7860	Tank 7860	VOC	5.04	0.06

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	TPY**
7870	Tank 7870	VOC	5.04	0.06
7880	Tank 7880	VOC	1.89	0.02
7890	Tank 7890	VOC	1.89	0.02
7900	Tank 7900	VOC	12.3	0.04
7910	Tank 7910	VOC	5.23	0.05
LOAD	Uncollected Loading Losses	VOC	19.58	27.15
VRU1	Vapor RecoveryUnit 1	VOC	21.08	-----
VRU2	Vapor RecoveryUnit 2	VOC	21.08	-----
	<b>Total TPY: EPNs VRU1 and VRU2</b>	VOC	---	32.78
FUG	Equipment Fugitives (4)	VOC	0.14	0.58
T800LOAD	Loading from T800	VOC	0.65	0.01
T802LOAD	Loading from T802	VOC	64.78	0.12

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			lb/hr	TPY**

- (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
- (4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.
- (5) Emissions from storage tanks are calculated using: (a) AP-42 "Compilation of Air Pollution Emission Factors, Fifth Edition, Chapter 7 - Liquid Storage Tanks" including Supplement D, dated September 1997, and (b) the draft TCEQ publication "Technical Guidance Package for Chemical Sources - Storage Tanks" dated February, 2001.
- (6) Emissions from loading operations are calculated using: (a) AP-42 "Compilation of Air Pollution Emission Factors, Fifth Edition, Chapter 5.2 - Transportation and Marketing of Petroleum Liquids" dated January 1995, and (b) the draft TCEQ publication "Technical Guidance Package for Chemical Sources - Loading Operations" dated October, 2000.

\* Emission rates are based on operating 8,760 Hrs/year.

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

Dated March, 2007