

## EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 18064

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 (4, 5) *	Source	Air Contaminant	Emission Rates	
			lb/hr	TPY
Point No. (1)	Name (2)	Name (3)		
T-880	Fixed-Roof Distillate Tank	VOC	1.37	1.38
T-881	Internal Floating Roof Product Tank	VOC	1.48	3.14
T-882	Internal Floating Roof Product Tank	VOC	2.04	4.23
T-883	Internal Floating Roof Product Tank	VOC	1.48	3.14
T-978	Internal Floating Roof Product Tank	VOC	0.96	2.04
T-985	Internal Floating Roof Product Tank	VOC	1.38	2.97
T-2035	Internal Floating Roof Product Tank	VOC	1.94	1.50
T-2038	Internal Floating Roof Product Tank	VOC	1.34	2.91
T-2121	Additive Tank	VOC	6.40	0.35
T-2122	Oil/Water Separator	VOC	37.18	0.12
T-2124	Drain Tank	VOC	7.50	0.40

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Emission 5) *	Source	Air Contaminant	Emission Rates (4,	
			lb/hr	TPY
Point No. (1)	Name (2)	Name (3)		
T-2125	Additive Tank	VOC	7.91	0.33
T-2126	Fixed-Roof Off-Spec. Tank	VOC	11.57	1.23
T-2128	Additive Tank	VOC	2.60	2.22
VCU	Vapor Combustion Unit (6)	VOC	9.01	21.00
		NO <sub>x</sub>	4.12	6.08
		CO	8.23	12.15
VR-6212	Vapor Recovery Unit (6)	VOC	9.01	21.00
FUG	Process Fugitives (7)	VOC	0.08	0.37
T-100	Wastewater Tank	VOC	11.42	0.04
WWFUG	Wastewater Treatment System Fugitives	VOC	0.01	0.06
WWDISCHG	Wastewater Treatment System Discharge Point	VOC	0.00	0.01

- (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
- (4) Emissions from storage tanks are calculated using: (a) AP-42 "Compilation of Air Pollution Emission Factors, 5<sup>th</sup> Edition, Chapter 7 - Liquid Storage Tanks," including Supplement D pages dated September 1997 and (b) the draft TCEQ publication titled "Technical Guidance Package for Chemical Sources - Storage Tanks," dated February 2001.

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- (5) Emissions from loading operations are calculated using: (a) AP-42 "Compilation of Air Pollution Emission Factors, 5<sup>th</sup> Edition, Chapter 5.2 - Transportation and Marketing of Petroleum Liquids," dated January 1995 and (b) the draft TCEQ publication titled "Technical Guidance Package for Chemical Sources - Loading Operations," dated October 2000.
- (6) Operated alternatively to control emissions from the loading rack. The indicated controlled VOC allowable emission rate is the authorized total for both (not each) devices.
- (7) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.

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

Hrs/day \_\_\_\_ Days/week \_\_\_\_ Weeks/year \_\_\_\_ or Hrs/year 8,760

Dated November 1, 2007