

## EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 80873

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 **

TK-3	12 bbl Lube Oil Storage Tank	VOC	<0.01	<0.01
TK-4	6 bbl Used Lube Oil Storage Tank <0.01	VOC		<0.01
L-1	Liquid Loadout	VOC	39.89 (while loading)	0.72
V-1	Blowdown Vent	VOC	8.12	0.02
FUG	Equipment Fugitives	VOC	0.12	0.55

#### Emissions Prior to 12/ 31/ 2010

ENG-3B	412-hp Caterpillar G-398NA	NO <sub>x</sub>	16.62	72.80
		CO	2.72	11.94
		VOC	1.09	4.77
		SO <sub>2</sub>	<0.01	0.01
		PM <sub>10</sub>	0.06	0.26
		Formaldehyde	0.06	0.28

#### Emissions After 12/ 31/ 2010

ENG-3B	412-hp Caterpillar G-398NA	NO <sub>x</sub>	1.82	7.96
		CO	2.72	11.94
		VOC	1.09	4.77
		SO <sub>2</sub>	<0.01	0.01
		PM <sub>10</sub>	0.06	0.26
		Formaldehyde	0.06	0.28

#### Emissions Prior to 01/05/2012

TK-VENT	210 bbl Condensate Storage Tank (FIN TK-1)	VOC	5.78	25.32
TK-VENT	210 bbl Condensate Storage Tank	VOC	5.78	25.32

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## AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	TPY **

(FIN TK-2)

### Emissions After 01/05/2012

**Control Option No. 1: Vapor Recovery Unit (VRU) with a minimum control efficiency of 95 percent.**

TK-1	210 bbl Condensate Storage Tank	VOC	0.29	1.27
TK-2	210 bbl Condensate Storage Tank	VOC	0.29	1.27

**Control Option No. 2: Vapor Combustor / flare with a minimum 98 percent control efficiency.**

VC-1	Vapor Combustor for Tanks (FIN TK-1 and TK-2) < = 2.0 MMBtu/hr	NO <sub>x</sub>	0.18	0.80
		CO	0.15	0.67
		VOC	0.24	1.06
		SO <sub>2</sub>	<0.01	<0.01
		PM <sub>10</sub>	0.01	0.06

- (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) CO - carbon monoxide  
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 PM greater than 10 microns is emitted.  
SO<sub>2</sub> - sulfur dioxide  
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.

\* 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 January 11, 2008