

## EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 80642

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 **
ENG-1	896 hp Waukesha L7042G	NO <sub>x</sub>	3.95	17.30
		CO	5.93	25.96
		VOC	1.98	8.65
		SO <sub>2</sub>	<0.01	0.02
		PM <sub>10</sub>	0.13	0.56
		Formaldehyde	0.03	0.14
ENG-2B	896 hp Waukesha L7042GU	NO <sub>x</sub>	3.95	17.30
		CO	5.93	25.96
		VOC	1.98	8.65
		SO <sub>2</sub>	<0.01	0.02
		PM <sub>10</sub>	0.13	0.56
		Formaldehyde	0.03	0.14
TK-1	Lube Oil Tank	VOC	<0.01	<0.01
L-1	Truck Loadout	VOC	37.97 (while loading)	0.34
V-1	Blowdown Vent	VOC	4.55 (during event)	0.33
FUG	Equipment Fugitives (4)	VOC	0.34	1.51
<b>Emissions Prior to 01/05/2012</b>				
TK-2	Condensate Storage Tank	VOC	5.56	24.37
TK-3	Condensate Storage Tank	VOC	5.56	24.37

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			lb/hr	TPY **

**Emissions after 01/05/2012****Control Option #1: Vapor Recovery Unit (VRU) with a minimum control efficiency of 95 percent.**

TK-2	Condensate Storage Tank	VOC	0.28	1.22
TK-3	Condensate Storage Tank	VOC	0.28	1.22

**Control Option #2: Vapor Combustor / flare with a minimum 98 percent control efficiency.**

VC-1	Vapor Combustor for Tanks (TK-2 and TK-3)	NO <sub>x</sub>	0.18	0.80
		CO	0.15	0.67
		VOC	0.23	1.02
		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.

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

Dated January 11, 2008