

## EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 20907

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**
01	Engine, Waukesha 7042GL	NO <sub>x</sub>	6.52	*
		CO	1.27	5.57
		VOC	2.63	*
		SO <sub>2</sub>	0.06	0.28
		PM/PM <sub>10</sub> /PM <sub>2.5</sub>	0.11	0.47
02	Engine, Waukesha 7042GL	NO <sub>x</sub>	6.52	*
		CO	1.27	5.57
		VOC	2.63	*
		SO <sub>2</sub>	0.06	0.28
		PM/PM <sub>10</sub> /PM <sub>2.5</sub>	0.11	0.47
03	Engine, Waukesha 7042GL	NO <sub>x</sub>	6.52	*
		CO	1.27	5.57
		VOC	2.63	*
		SO <sub>2</sub>	0.06	0.28
		PM/PM <sub>10</sub> /PM <sub>2.5</sub>	0.11	0.47
04	Engine, Waukesha 7042GL	NO <sub>x</sub>	6.52	*
		CO	1.27	5.57
		VOC	2.63	*
		SO <sub>2</sub>	0.06	0.28
		PM/PM <sub>10</sub> /PM <sub>2.5</sub>	0.11	0.47
05	Engine, Waukesha 7042GL	NO <sub>x</sub>	6.52	*
		CO	1.27	5.57
		VOC	2.63	*
		SO <sub>2</sub>	0.06	0.28
		PM/PM <sub>10</sub> /PM <sub>2.5</sub>	0.11	0.47

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06	Engine, Waukesha 7042GL	NO <sub>x</sub>	6.52	*
		CO	1.27	5.57
		VOC	2.63	*
		SO <sub>2</sub>	0.06	0.28
		PM/PM <sub>10</sub> /PM <sub>2.5</sub>	0.11	0.47
07	Engine, Waukesha 7042GL	NO <sub>x</sub>	6.52	*
		CO	1.27	5.57
		VOC	2.63	*
		SO <sub>2</sub>	0.06	0.28
		PM/PM <sub>10</sub> /PM <sub>2.5</sub>	0.11	0.47
08	Engine, Waukesha 7042GL	NO <sub>x</sub>	6.52	*
		CO	1.27	5.57
		VOC	2.63	*
		SO <sub>2</sub>	0.06	0.28
		PM/PM <sub>10</sub> /PM <sub>2.5</sub>	0.11	0.47
09	Engine, Waukesha 7042GL	NO <sub>x</sub>	6.52	*
		CO	1.27	5.57
		VOC	2.63	*
		SO <sub>2</sub>	0.06	0.28
		PM/PM <sub>10</sub> /PM <sub>2.5</sub>	0.11	0.47
14	Engine, Caterpillar G3616TALE	NO <sub>x</sub>	4.90	*
		CO	4.02	17.60
		VOC	2.45	*
		SO <sub>2</sub>	0.19	0.84
		PM/PM <sub>10</sub> /PM <sub>2.5</sub>	0.32	1.42
01/02/03/04/05/ 06/07/08/09/14	Compressor Engines	NO <sub>x</sub>		32.40
		VOC		62.40
10	Dehy #1 Reboiler Heater No. 1	NO <sub>x</sub>	0.20	
		CO	0.16	
		VOC	0.01	
		SO <sub>2</sub>	0.01	
		PM/PM <sub>10</sub> /PM <sub>2.5</sub>	0.01	
11	Dehy #1 Reboiler Heater No.2	NO <sub>x</sub>	0.20	
		CO	0.16	

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		VOC	0.01	
		SO <sub>2</sub>	0.01	
		PM/PM <sub>10</sub> /PM <sub>2.5</sub>	0.01	
10/11	Dehy #1 Reboiler Heater Nos. 1 and 2	NO <sub>x</sub>		0.86
		CO		0.72
		VOC		0.05
		SO <sub>2</sub>		0.05
		PM/PM <sub>10</sub> /PM <sub>2.5</sub>		0.07
12	Facility Process Flare	NO <sub>x</sub>	1.13	4.14
		CO	2.25	8.29
		VOC	1.75	1.13
16	Thermal Oxidizer	NO <sub>x</sub>	0.67	1.48
		CO	0.57	1.24
		VOC	0.37	0.80
F	Fugitives (4)	VOC	0.51	2.24

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- (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> - total oxides of nitrogen  
SO<sub>2</sub> - sulfur dioxide  
PM - particulate matter, suspended in the atmosphere, including PM<sub>10</sub> and PM<sub>2.5</sub>  
PM<sub>10</sub> - particulate matter equal to or less than 10 microns in diameter  
PM<sub>2.5</sub> - particulate matter equal to or less than 2.5 microns in diameter  
CO - carbon monoxide
- (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:

24 Hrs/day 7 days/week 52 Weeks/year or 8,760 Hrs/year

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

Date February 9, 2010