

# EMISSION SOURCES - CERTIFIED EMISSION RATES

Registration Number 95658

This table lists the represented emission rates and all sources of air contaminants on the applicant's property covered by this registration. The emission rates shown are those derived from information submitted as part of the registration for the PBR.

## AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lbs/hour	TPY (4)
ENG1	630 hp Caterpillar G3508 TALE engine equipped with an air-fuel ratio controller (AFRC) (Serial Number: WPN00130)	VOC	0.74	3.22
		CH <sub>2</sub> O (included in VOC)	0.35	1.52
		NO <sub>x</sub>	2.78	12.16
		CO	2.22	9.72
		PM <sub>10</sub> /PM <sub>2.5</sub>	<0.01	<0.01
		SO <sub>2</sub>	<0.01	0.01
BD1	Compressor blowdowns	VOC	21.05	0.21
ENG2	530 hp Waukesha H24GL engine equipped an air-fuel ratio controller (AFRC) (Serial Number: C14385/1)	VOC	1.01	4.42
		CH <sub>2</sub> O (included in VOC)	0.39	1.70
		NO <sub>x</sub>	2.33	10.23
		CO	1.52	6.65
		PM <sub>10</sub> /PM <sub>2.5</sub>	<0.01	<0.01
		SO <sub>2</sub>	<0.01	0.01
BD2	Compressor blowdowns	VOC	21.05	0.21
FUG	Sitewide fugitives (5)	VOC	0.31	1.37

Air Contaminant	Total Emission Rates	
	lbs/hr	tons per year
VOC	44.16	9.43
CH <sub>2</sub> O (included in VOC)	0.74	3.22
NO <sub>x</sub>	5.11	22.39
CO	3.74	16.37
PM <sub>10</sub> /PM <sub>2.5</sub>	<0.01	<0.01
SO <sub>2</sub>	0.01	0.02

- (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
- CH<sub>2</sub>O - formaldehyde
- NO<sub>x</sub> - total oxides of nitrogen
- CO - carbon monoxide

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- PM<sub>10</sub> - total particulate matter equal to or less than 10 microns in diameter, including PM<sub>2.5</sub>, as represented
- PM<sub>2.5</sub> - particulate matter equal to or less than 2.5 microns in diameter
- SO<sub>2</sub> - sulfur dioxide

(4) Compliance with annual emission limits (tons per year) is based on a 12 month rolling period.

(5) Emission rate is an estimate and is enforceable through compliance with the applicable special condition(s) and permit application representations. Emission values should be used for federal applicability.

Effective  
Date:

May 20, 2011