

EMISSION SOURCES - REPRESENTED EMISSION RATES

Registration Number 94085

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 PBR.

AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lbs/hour	TPY (4)
ENG-1	Caterpillar G3306	VOC	0.37	1.63
		NOx	3.48	15.26
		CO	4.19	18.34
		PM10/PM2.5	0.01	0.05
		SO2	<0.01	<0.01
		HAP (in VOC total)	0.03	0.13
ENG-2	Gasjack GJ230	VOC	0.06	0.24
		NOx	1.67	7.32
		CO	1.89	8.27
		PM10/PM2.5	<0.01	<0.01
		SO2	<0.01	<0.01
		HAP (in VOC total)	<0.01	<0.01
HT-1	Heater Treater	VOC	<0.01	0.01
		NOx	0.05	0.22
		CO	0.04	0.18
		PM10/PM2.5	<0.01	0.02
		SO2	<0.01	<0.01
		HAP (in VOC total)	<0.01	<0.01
CTK-1	400-bbl Condensate Tank	VOC	0.05	0.24
		HAP (in VOC total)	<0.01	0.01
CTK-2	400-bbl	VOC	0.05	0.24

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	Condensate Tank	HAP (in VOC total)	<0.01	0.01
CTK-3	400-bbl Condensate Tank	VOC	0.05	0.24
		HAP (in VOC total)	<0.01	0.01
CTK-4	400-bbl Condensate Tank	VOC	0.05	0.24
		HAP (in VOC total)	<0.01	0.01
WTK-1	400-bbl Water Tank	VOC	<0.01	<0.01
		HAP (in VOC total)	<0.01	<0.01
CLD-1	Condensate Loadout	VOC	28.32	14.36
		HAP (in VOC total)	0.85	0.43
WLD-1	Water Loadout	VOC	0.28	0.01
		HAP (in VOC total)	0.01	<0.01
FUG ⁵	Fugitives	VOC	0.57	2.51
		HAP (in VOC total)	0.03	0.13

Air Contaminant	Total Emission Rates	
	lbs/hr	tons per year
VOC	29.82	19.70
NO _x	5.20	22.79
CO	6.12	26.79
SO ₂	<0.01	<0.01
PM / PM ₁₀ / PM _{2.5}	0.02	0.07
HAPs (in VOC total)	0.93	0.73

- (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_x - total oxides of nitrogen
- CO - carbon monoxide
- SO₂ - sulfur dioxide
- PM - total particulate matter, suspended in the atmosphere, including PM₁₀ and PM_{2.5}, as represented
- PM₁₀ - total particulate matter equal to or less than 10 microns in diameter, including PM_{2.5}, as represented
- PM_{2.5} - particulate matter equal to or less than 2.5 microns in diameter

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HAP - hazardous air pollutant as listed in § 112(b) of the Federal Clean Air Act or Title 40
Code of Federal Regulations Part 63, Subpart C

(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:

1/7/11