EMISSION SOURCES - CERTIFIED EMISSION RATES

Registration Number 95628

This table lists the certified 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)
HT	0.50 MMBtu/hr heater treater	VOC	<0.01	0.01
		NO_x	0.05	0.22
		CO	0.04	0.18
		$PM_{10}/PM_{2.5}$	<0.01	0.02
		SO_2	<0.01	<0.01
FLARE	2.00 MMBtu/hr flare	VOC	0.88	3.86
		NO_x	0.28	1.21
		CO	0.55	2.41
		$PM_{10}/PM_{2.5}$	<0.01	<0.01
		SO_2	<0.01	<0.01
TANK1	500 bbl crude oil tank	VOC	0.19	0.84
TANK2	500 bbl crude oil tank	VOC	0.19	0.84
TANK3	500 bbl produced water tank	VOC	<0.01	<0.01
TANK4	500 bbl produced water tank	VOC	<0.01	<0.01
COMB	2.30 MMBtu/hr Leed combustor	VOC	1.54	6.75
		NO_x	0.23	1.01
		CO	0.19	0.83
		$PM_{10}/PM_{2.5}$	0.02	0.09
		SO_2	<0.01	<0.01
C LOAD	Crude loading	VOC	20.88	9.83
PW LOAD	Produced water loading	VOC	0.21	0.05
FUG	Sitewide fugitives (5)	VOC	0.41	1.79

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Air Contaminant	Total Emission Rates	
	lbs/hr	tons per year
VOC	24.31	23.98
NO_X	0.56	2.44
CO	0.78	3.42
$PM_{10}/PM_{2.5}$	0.02	0.11
SO_2	<0.01	0.01

(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
PM_{10} - 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
SO_2 - 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 12, 2011