

EMISSION SOURCES - CERTIFIED EMISSION RATES

Registration Number 88246

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)
CHILL	Rich-burn 75-hp Waukesha VRG 330 Refrigeration Engine	VOC	0.06	0.19
		NO _x	1.82	5.31
		CO	0.33	0.97
		SO ₂	0.01	0.03
		PM ₁₀	0.01	0.04
		PM _{2.5}	0.01	0.04
		HAPs	0.01	0.04
ENG-2	Lean-burn 1,265-hp Caterpillar G3516 LE Compressor Engine	VOC	1.50	6.59
		NO _x	5.57	24.40
		CO	5.27	23.10
		SO ₂	0.15	0.64
		PM ₁₀	0.09	0.42
		PM _{2.5}	0.09	0.42
		HAPs	0.7	3.05
DEHY	Glycol Dehydrator with BTEX Control & Flash Tank	VOC	0.23	1.01
		HAPs	0.11	0.48
FUG	Fugitives (5)	VOC	0.60	2.63
		HAPs	0.58	2.55
LOAD	Condensate & Water Truck Loading Emissions Combined	VOC	13.90	0.28
		HAPs	13.90	0.28
REB	0.5 MMBtu/hr Glycol Reboiler	VOC	<0.01	0.01

EMISSION SOURCES - CERTIFIED EMISSION RATES

		NO _x	0.05	0.24
		CO	0.05	0.20
		SO ₂	<0.01	<0.01
		PM ₁₀	<0.01	0.02
		PM _{2.5}	<0.01	0.02
		HAPs	<0.01	<0.01
TANK-1	300-bbl Condensate Storage Tank (Working, Standing, & Flash)	VOC	0.31	1.34
		HAPs	0.01	0.05
TANK-2	300-bbl Condensate Storage Tank (Working, Standing, & Flash)	VOC	0.31	1.34
		HAPs	0.01	0.05
TANK-3	300-bbl Condensate Storage Tank (Working, Standing, & Flash)	VOC	0.31	1.34
		HAPs	0.01	0.05
TANK-SL	50-bbl Slop Oil Storage Tank	VOC	0.02	0.09
		HAPs	<0.01	<0.01
TANK-W1	300-bbl Produced Water Storage Tank (Working, Standing, & Flash)	VOC	0.03	0.15
		HAPs	0.01	0.03

Air Contaminant	Total Emission Rates	
	lbs/hr	tons per year
VOC	17.27	14.97
NO _x	7.44	29.95
CO	5.65	24.27
SO ₂	0.16	0.67
PM ₁₀	0.1	0.48
PM _{2.5}	0.1	0.48
HAPs	1.44	6.30

(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) Exempt Solvent - Those carbon compounds or mixtures of carbon compounds used as solvents which have been excluded from the definition of volatile organic compound.

VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1

EMISSION SOURCES - CERTIFIED EMISSION RATES

NO _x	- total oxides of nitrogen
CO	- carbon monoxide
SO ₂	- sulfur dioxide
PM represented	- total particulate matter, suspended in the atmosphere, including PM ₁₀ and PM _{2.5} , as represented
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
HCl	- hydrogen chloride
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: _____