

Emission Sources - Certified Emission Rates  
Registration Number 41678

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.

CERTIFIED SITEWIDE EMISSIONS															
EPN / Emission Source	Specific VOC or Other Pollutants	VOC		NO <sub>x</sub>		CO		PM <sub>10</sub> /PM <sub>2.5</sub>		SO <sub>2</sub>		CH <sub>2</sub> O*		Other	
		lbs/hr	tpy	lbs/hr	tpy	lbs/hr	tpy	lbs/hr	tpy	lbs/hr	tpy	lbs/hr	tpy	lbs/hr	tpy
E-1 / 2,370 hp Caterpillar 3608 TALE compressor engine		0.54	2.36	0.05	0.23	0.29	1.25	<0.01	0.01	0.01	0.06	0.21	0.92		
E-2 / 2,370 hp Caterpillar 3608 TALE compressor engine		0.54	2.36	0.05	0.23	0.29	1.25	<0.01	0.01	0.01	0.06	0.21	0.92		
E-3 / 2,370 hp Caterpillar 3608 TALE compressor engine		0.54	2.36	0.05	0.23	0.29	1.25	<0.01	0.01	0.01	0.06	0.21	0.92		
E-4 / 1,775 hp Caterpillar 3606 TALE compressor engine		0.40	1.77	0.04	0.17	0.21	0.94	<0.01	<0.01	0.01	0.03	0.16	0.69		
E-5 / 2,370 hp Caterpillar 3608 TALE compressor engine		0.54	2.36	0.05	0.23	0.29	1.25	<0.01	0.01	0.01	0.06	0.21	0.92		
E-6 / 2,370 hp Caterpillar 3608 TALE compressor engine		0.54	2.36	0.05	0.23	0.29	1.25	<0.01	0.01	0.01	0.06	0.21	0.92		
H-1 / 8.00 MMBtu/hr start-up heater (288 hours/year)		0.04	0.01	0.26	0.04	0.67	0.10	0.06	0.01	0.01	<0.01				
VRU / Two vapor recovery units		0.75	4.10												
TL-1 / Truck loading - slop oil		13.04	0.06												
TL-2 / Truck loading - dry oil		0.10	1.59												
FL-1 / Emergency flare (pilot emissions only)		<0.01	0.01	0.02	0.09	0.02	0.08	<0.01	0.01	<0.01	<0.01				
FL-2 / Emergency flare (pilot emissions only)		<0.01	0.01	0.02	0.09	0.02	0.08	<0.01	0.01	<0.01	<0.01				
FUG / Site fugitives (5)		0.07	0.31												
TOTAL EMISSIONS (lb/hr):		17.10		0.59		2.37		0.06		0.07		1.21			
TOTAL EMISSIONS (TPY):			19.66		1.54		7.45		0.08		0.33		5.29		
MAXIMUM OPERATING SCHEDULE:		Hours/Day		24	Days/Week		7	Weeks/Year		52	Hours/Year		8,760		

\* Formaldehyde emissions are included in the total VOC emissions.

\*\* No planned MSS emissions have been represented or reviewed.

- (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  
 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.

Emission Sources - Represented Emission Rates

Effective  
Date:

November 15, 2011

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