

EMISSION SOURCES - MAXIMUM EMISSION RATES

Permit Number 48693

This table lists the maximum emission rates and all sources of air contaminants on the applicant's property covered by this permit. The emission rates shown are those derived from information submitted as part of the application for permit and are the maximum rates allowed for these facilities, sources, and related activities. Any proposed increase in emission rates may require an application for a revision of the facilities covered by this permit.

AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lbs/hour	TPY (4)
FLARE-01	Flare	VOC	8.974	2.208
		NO _x	2.646	0.861
		CO	5.281	1.719
		PM ₁₀	0.079	0.031
		PM _{2.5}	0.079	0.031
		SO ₂	0.027	0.011
T-01	Condensate Tank	VRU control, vapors routed to sales gas pipeline Routed to flare during VRU downtime (5%) Emissions accounted for at flare.		
T-02	Condensate Tank			
T-03	Condensate Tank			
T-05	Condensate Tank			
T-06	Condensate Tank			
T-07	Condensate Tank			
T-11	Produced Water Tank			
T-12	Produced Water Tank			
T-13	Produced Water Tank			
T-14	Produced Water Tank			
T-17	Slop Water Tank	VOC	0.019	0.071
T-18	Slop Water Tank	VOC	0.019	0.071
T-19	Slop Water Tank	VOC	0.019	0.071

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LOAD-01	Loading (condensate)	VRU control, vapors routed to sales gas pipeline Routed to flare during VRU downtime (5%) Emissions accounted for at flare.		
LOAD-02	Loading (produced water)			
LOAD-01 (NO VRU)	Loading (condensate) (No VRU, flare instead)	VOC	0.272	0.008
LOAD-02 (NO VRU)	Loading (produced water) (No VRU, flare instead)	VOC	0.272	0.001
FLASH-01	Flash	VRU control, vapors routed to sales gas pipeline Routed to flare during VRU downtime (5%) Emissions accounted for at flare.		
FLASH-02	Flash			
FLASH-03	Flash			
FLASH-04	Flash			
FLASH-05	Flash			
FUG-01	Fugitives	VOC	0.972	4.257
GOC-01	Gas Operated Component Blowdowns	VOC	1.163	5.096
BD-01	Plant Blowdowns	VOC	323.17	11.634
Totals		VOC	334.88	23.42
		NO_x	2.65	0.86
		CO	5.28	1.72
		PM₁₀	0.08	0.03
		PM_{2.5}	0.08	0.03
		SO₂	0.03	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

SO₂ - sulfur dioxide

PM₁₀ - total particulate matter equal to or less than 10 microns in diameter, including PM_{2.5}

PM_{2.5} - particulate matter equal to or less than 2.5 microns in diameter

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

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Effective Date: March 16, 2011