

Emission Sources - Maximum Allowable Emission Rates

Permit Number 80900

This table lists the maximum allowable 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 modification 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)
E-01-R	1,478-hp Waukesha L7042GSI	NO _x	6.52	28.54
		CO	6.52	28.54
		VOC	0.65	2.85
		SO ₂	0.01	0.03
		PM ₁₀	0.22	0.08
E-02	1,680-hp Waukesha L7044GSI	NO _x	7.41	32.45
		CO	7.41	32.45
		VOC	0.74	3.24
		SO ₂	0.01	0.03
		PM ₁₀	0.26	1.12
E-03-R	1,265-hp Caterpillar G3516TALE	NO _x	5.58	24.43
		CO	7.67	33.59
		VOC	1.67	7.33
		SO ₂	0.01	0.03
		PM ₁₀	0.10	0.43
HTR-01	0.75 MMBtu/hr Dehy Reboiler	NO _x	0.08	0.33
		CO	0.06	0.28
		VOC	<0.01	0.02
		PM ₁₀	<0.01	0.02
FL-01	Glycol Dehydration Unit	NO _x	0.03	0.14

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		CO	0.18	0.79
		VOC	0.34	1.48
		PM ₁₀	<0.01	0.02
TK-03	Wastewater Storage Tank	VOC	0.08	0.33
TK-04	Dehy Condenser Drip Sump	VOC	0.02	0.70
TK-05	Methanol Storage Tank	VOC	0.01	0.03
TK-06	Lube Oil Storage Tank	VOC	0.05	0.20
TK-07	Used Oil Storage Tank	VOC	0.01	0.03
TK-08	Used Oil Storage Tank	VOC	0.01	0.03
TL-01	Condensate Loadout	VOC	10.51 (during loading)	1.14
TL-02	Dehy Condenser Drip Loadout	VOC	10.51 (during loading)	0.13
FUG-01	Piping Fugitives (5)	VOC	0.39	1.69
VENT-01	Blowdown Vent	VOC	13.30	0.24
TK-01	Condensate Tank	VOC	0.11	0.48
TK-02	Condensate Tank	VOC	0.11	0.48

- (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

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SO₂ - sulfur dioxide

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

CO - carbon monoxide

(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.

Date: _____