

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 84108

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. 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 *	
			lb/hr	TPY **
FUG-1	Fugitives (4)	VOC	4.58	20.06
FUG-2	Fugitives (4)	VOC	0.02	0.11
FUG-5	Truck Loading	VOC	1.62	0.58
FUG-6	Hose Disconnect	VOC	0.54	1.08
FL-5	Flare - Pilot Gas	VOC	0.01	0.01
		NO _x	0.02	0.09
		CO	0.04	0.18
		SO ₂	0.01	0.01
FL-5	Flare - Purging of Truck Tanks	VOC	13.80	0.69
		NO _x	0.50	0.03
		CO	0.99	0.05
		SO ₂	0.01	0.01
H-7001	Heater	VOC	0.07	0.30
		NO _x	1.23	5.38
		CO	1.03	4.52
		SO ₂	0.01	0.03
		PM ₁₀	0.09	0.41
V-2	Inlet Gas Amine Unit No. 1	VOC	2.70	12.83
V-3	Liquid Phase Amine Unit	VOC	5.96	26.10
V-4	Liquid Phase Glycol Unit	VOC	0.01	0.01
V-5	Inlet Gas Amine Unit No. 2	VOC	3.51	16.68

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			lb/hr	TPY

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Planned Maintenance, Start-up, and Shutdown Activities Emissions:

FL-5	Flare - MSS	VOC	133.38	0.11
		NO _x	28.98	0.03
		CO	57.86	0.06
		SO ₂	0.01	0.01
SV-36	Pit Water Tank	VOC	27.69	0.14
SV-37	Pit Water Tank	VOC	44.35	0.12
SV-38	Pit Water Tank	VOC	44.35	0.12
SV-39	Condensate Tank	VOC	7.70	0.17
SV-40	Condensate Tank	VOC	7.70	0.17
SV-41	Condensate Tank	VOC	7.70	0.17
SV-43	Condensate Tank	VOC	0.41	0.10
V-1	Inlet Gas Glycol Unit No. 1	VOC	13.58	1.96
V-6	Inlet Gas Glycol Unit No. 2	VOC	13.58	1.96

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- (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 - nitrogen oxides
CO - carbon monoxide
SO₂ - sulfur dioxide
PM - particulate matter, suspended in the atmosphere, including PM₁₀
PM₁₀ - particulate matter equal to or less than 10 microns in diameter
- (4) Emission rate is an estimate and is enforceable through compliance with the applicable special condition(s) and permit application representations.

* Emission rates are based on and the facilities are limited by the following maximum operating schedule:

_____ Hrs/day _____ Days/week _____ Weeks/year or 8,760
Hrs/year

** Annual emissions are based on a rolling 12-month average.

Dated _____