

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 71

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
FLARE	Utility Flare	NO _x	0.11	0.47
		CO	0.05	0.24
		VOC	0.33	1.44
		SO ₂	62.39	273.26
		H ₂ S	0.68	2.96
G-RBL	Glycol Reboiler Vent	NO _x	0.04	0.16
		CO	0.03	0.15
		VOC	0.008	0.002
		SO ₂	0.001	<0.001
		PM ₁₀	0.011	0.003
A-RBL1	Amine Reboiler Vent 1	NO _x	0.04	0.17
		CO	0.03	0.14
		VOC	0.008	0.002
		SO ₂	0.001	<0.001
		PM ₁₀	0.0011	0.003
A-RBL2	Amine Reboiler Vent 2	NO _x	0.04	0.17
		CO	0.03	0.14
		VOC	0.009	0.002
		SO ₂	0.001	<0.001
		PM ₁₀	0.013	0.003
FUG	Process Fugitives (4)	VOC	0.16	0.70
		H ₂ S	0.16	0.55

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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) NO_x - total oxides of nitrogen
CO - carbon monoxide
VOC - volatile organic compounds as defined in 30 Texas Administrative Code Section 101.1.
 SO_2 - sulfur dioxide
 H_2S - hydrogen sulfide
PM - particulate matter, suspended in the atmosphere, including PM_{10}
 PM_{10} - particulate matter equal to or less than 10 microns in diameter.
Where PM is not listed, it shall be assumed that no particulate matter greater than 10 microns is emitted.
- (4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.
- (5) Compressor Engines, EPNs E1 and E2; Condensate Tank, EPN Tank 1; and Condensate Loading, EPN Load, are covered by Exemptions 6 and 66 and are not shown in the maximum allowable emission rates table.

* 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

Dated_____