

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 18370

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**
AGFLR-2	Acid Gas Flare	CO	0.04	0.17
		H ₂ S	0.62	2.72
		NO _x	0.01	0.02
		SO ₂	56.90	249.20
		VOC	0.02	0.08
COMSTK-1R	Compressor Engine 800-horsepower (hp) Superior 8G825	CO	5.29	23.18
		NO _x	3.53	15.45
		PM ₁₀	0.12	0.53
		SO ₂	0.01	0.02
		VOC	1.32	5.79
COMSTK-2R	Compressor Engine 800-hp Superior 8G825	CO	5.29	23.18
		NO _x	3.53	15.45
		PM ₁₀	0.12	0.53
		SO ₂	0.01	0.02
		VOC	1.32	5.79
COMSTK-3R1	Compressor Engine 800-hp Superior 8G825	CO	5.29	23.18
		NO _x	3.53	15.45
		PM ₁₀	0.12	0.53
		SO ₂	0.01	0.02
		VOC	1.32	5.79
COMSTK-4R1	Compressor Engine 800-hp Superior 8G825	CO	5.29	23.18
		NO _x	3.53	15.45
		PM ₁₀	0.12	0.53
		SO ₂	0.01	0.02
		VOC	1.32	5.79

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AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	TPY**
COMSTK-5	Compressor Engine 800-hp Superior 8G825	CO	5.29	23.18
		NO _x	3.53	15.45
		PM ₁₀	0.12	0.53
		SO ₂	0.01	0.02
		VOC	1.32	5.79
FLR-2-PILOT	Flare No. 2 Pilot Fuel Only	CO	0.01	0.02
		NO _x	0.01	0.02
		SO ₂	0.01	0.01
		VOC	0.01	0.02
HTRSTK-1	Amine Reboiler	CO	0.25	1.10
		NO _x	0.30	1.31
		PM ₁₀	0.02	0.10
		SO ₂	0.01	0.01
		VOC	0.02	0.07
TK-1	Slop Oil Tank	VOC	1.90	8.34
TK-2	Slop Oil Tank	VOC	1.90	8.34
TK-3	Condensate Tank	VOC	1.90	8.34
TK-4	Methanol Tank	VOC	0.02	0.07
TRKLD-1	Slop Oil Truck Loading	VOC	52.08	3.16
FUG-1	Original Plant Fugitives (4)	H ₂ S	0.01	0.01
		VOC	0.44	1.91
FUG-2	Plant Expansion Fugitives (4)	H ₂ S	0.01	0.01
		VOC	0.65	2.84

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- (1) Emission point identification - either specific equipment designation or emission point number from a plot plan.
- (2) Specific point source names. For fugitive sources, use an area name or fugitive source name.
- (3) CO - carbon monoxide
H₂S - hydrogen sulfide
NO_x - total oxides of nitrogen
SO₂ - sulfur dioxide
VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
PM₁₀ - particulate matter (PM) equal to or less than 10 microns in diameter. Where PM is not listed, it shall be assumed that no PM greater than 10 microns is emitted.
- (4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.

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

24 Hrs/day 7 Days/week 52 Weeks/year

- ** Compliance with annual emission limits is based on a rolling 12-month period.