

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

<u>Emission **</u>	<u>Source</u>	<u>Air Contaminant</u>	<u>Emission Rates</u>	
<u>Point No. (1)</u>	<u>Name (2)</u>	<u>Name (3)</u>	<u>lb/hr</u>	<u>TPY*</u>
HTRSTK-1	Amine Reboiler	NO _x	0.30	1.31
		CO	0.25	1.10
		SO ₂	<0.01	0.01
		PM ₁₀	0.02	0.10
		VOC	0.02	0.07
AGFLR-2	Acid Gas Flare	NO _x	<0.01	0.02
		CO	0.04	0.17
		SO ₂	56.90	249.20
		VOC	0.02	0.08
		H ₂ S	1.00	4.50
COMSTK-1	Compressor Engine	NO _x	12.89	56.44
		CO	12.89	56.44
		PM ₁₀	0.04	0.19
		VOC	0.12	0.52
COMSTK-2	Compressor Engine	NO _x	12.89	56.44
		CO	12.89	56.44
		PM ₁₀	0.04	0.19
		VOC	0.12	0.52
COMSTK-3R	Compressor Engine	NO _x	2.56	11.20
		CO	4.48	19.60
		VOC	0.23	1.01
COMSTK-4R	Compressor Engine	NO _x	2.56	11.20
		CO	4.48	19.60

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

AIR CONTAMINANTS DATA

Emission ** Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lb/hr	TPY*
		VOC	0.23	1.01
COMSTK-5	Compressor Engine	NO _x	2.56	11.20
		CO	4.48	19.60
		VOC	0.23	1.01
TK-1	Slop Oil Tank	VOC	0.92	4.01
		H ₂ S	<0.01	0.01
TK-2	Slop Oil Tank	VOC	0.47	2.06
		H ₂ S	<0.01	<0.01
TRKLD-1	Slop Oil Truck Loading	VOC	0.27	1.18
TK-3	Methanol	VOC	0.01	0.03
SCRUB-LOAD	Spent Sulfa-Scrub Loading	VOC	<0.01	0.02
FUG-1	Original Plant Fugitives (4) 2.30		VOC	0.38
FUG-2	Plant Expansion Fugitives (4) 3.01		VOC	0.69
VENT-2 emergencies	Upset/Emergency Vent	To be used only during upsets or		

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

- (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) NO_x - total oxides of nitrogen
CO - carbon monoxide
SO₂ - sulfur dioxide
PM₁₀ - particulate matter (PM) 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.
VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
H₂S - hydrogen sulfide
- (4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.
- * Compliance with annual emission limits is based on a rolling 12-month period.
- ** 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 November 20, 2003