

## EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Nos. 8874 and PSD-TX-455

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
E-1S	Compressor (330-Hp)	VOC	0.10	0.45
		NO <sub>x</sub>	7.25	31.74
		CO	6.27	27.44
E-2S	Compressor (269-Hp)	VOC	0.08	0.36
		NO <sub>x</sub>	5.91	25.87
		CO	5.11	22.37
E-3S	Compressor (595-Hp)	VOC	0.94	4.13
		NO <sub>x</sub>	3.54	15.50
		CO	2.62	11.48
E-4S	Compressor (595-Hp)	VOC	0.94	4.13
		NO <sub>x</sub>	3.54	15.50
		CO	2.62	11.48
E-5S	Compressor (595-Hp)	VOC	0.94	4.13
		NO <sub>x</sub>	3.54	15.50
		CO	2.62	11.48
E-6S	Compressor (595-Hp)	VOC	0.94	4.13
		NO <sub>x</sub>	3.54	15.50
		CO	2.62	11.48
F-2	Flare	VOC	5.57	16.63
		NO <sub>x</sub>	0.49	1.48
		CO	0.97	2.95
		SO <sub>2</sub>	0.15	0.45

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Emission * Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lb/hr	TPY
		H <sub>2</sub> S	<0.01	<0.01
H-1aS	Amine Reboiler (38 MMBTU/hr)	VOC	0.11	0.46
		NO <sub>x</sub>	<0.01	0.02
		CO	2.32	10.15
		SO <sub>2</sub>	0.02	0.10
		PM <sub>10</sub>	0.53	2.33
H-2S	Glycol Regenerator (2 MMBTU/hr)	VOC	<0.01	0.02
		NO <sub>x</sub>	0.20	0.88
		CO	0.04	0.18
		SO <sub>2</sub>	<0.01	<0.01
		PM <sub>10</sub>	0.02	0.10
H-3S	Boiler (2 MMBTU/hr)	VOC	<0.01	0.02
		NO <sub>x</sub>	0.20	0.88
		CO	0.04	0.18
		SO <sub>2</sub>	<0.01	<0.01
		PM <sub>10</sub>	0.02	0.10
I-1	Acid Gas Incinerator (9.54 MMBTU/hr)	VOC	1.05	4.61
		NO <sub>x</sub>	0.95	4.18
		CO	0.76	3.34
		SO <sub>2</sub>	186.22	815.65
		H <sub>2</sub> S	0.22	0.98
		PM <sub>10</sub>	0.11	0.50
T-100	Flare Scrubber Liquid Tank 6.53	VOC		1.49
T-101	Flare Liquid Tank	VOC	1.49	6.53
U-1	Fugitives (4)	VOC	2.48	10.88

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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 General Rule 101.1  
NO<sub>x</sub> - total oxides of nitrogen  
CO - carbon monoxide  
SO<sub>2</sub> - sulfur dioxide  
H<sub>2</sub>S - hydrogen sulfide  
PM<sub>10</sub> - 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.
- (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:

\_\_\_\_\_Hrs/day \_\_\_\_\_Days/week \_\_\_\_\_Weeks/year or 8,760 Hrs/year

Dated\_\_\_\_\_