

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 8416

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 *	Source	Air Contaminant	<u>Emission Rates</u>	
<u>Point No. (1)</u>	<u>Name (2)</u>	<u>Name (3)</u>	<u>lb/hr</u>	<u>TPY</u>
1	Flare	NO _x	0.17	0.7
		CO	0.33	1.5
		SO ₂	36.75	128.3
		VOC	0.82	3.6
3	Compressor Engine	NO _x	11.64	51.0
		CO	1.48	6.5
		VOC	0.47	2.0
4 **	Compressor Engine	NO _x	11.64	24.4
		CO	1.48	3.1
		VOC	0.47	1.0
6	Amine Reboiler	NO _x	0.03	0.1
		CO	0.01	0.02
		VOC	<0.01	0.01
7	Glycol Reboiler	NO _x	0.03	0.1
		CO	0.01	0.02
		VOC	<0.01	0.01
9	Heater Treater	NO _x	0.02	0.1
		CO	<0.01	0.02
		VOC	<0.01	<0.01
F	Fugitives (4)	VOC	3.0	13.1

FACILITIES AUTHORIZED UNDER 30 TAC SECTION 106.511 (5)

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Emission *	Source	Air Contaminant	<u>Emission Rates</u>	
Point No. (1)	Name (2)	Name (3)	<u>lb/hr</u>	<u>TPY</u>
10	Line Heater	NO _x	0.01	0.05
		CO	<0.01	0.01
		VOC	<0.01	<0.01
11	Line Heater	NO _x	0.05	0.2
		CO	0.01	0.04
		VOC	<0.01	0.01
12	Line Heater	NO _x	0.05	0.2
		CO	0.01	0.04
		VOC	<0.01	0.01

(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

SO₂ - sulfur dioxide

VOC - volatile organic compounds as defined in General Rule 101.1

(4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.

(5) Emission sources identified in this section are authorized under 30 TAC §106.511 and are not subject to the conditions of Permit No. 8416.

* Emission rates of all sources except for EPN 4 are based on and the facilities are limited by the following maximum operating schedule:

Hrs/day 24 Days/week 7 Weeks/year 52 or Hrs/year 8,760

** Emission rates for EPN 4 are based on and the facilities are limited by the following maximum operating schedule:

Hrs/year 4,200

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<u>Point No. (1)</u>	<u>Name (2)</u>	<u>Name (3)</u>	<u>lb/hr</u>	<u>TPY</u>

Dated _____