

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 5178A

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	Heater	CO	0.096	0.243
		NO _x	0.456	1.156
		PM ₁₀	0.034	0.087
		SO ₂ **	0.003	0.007
		VOC	0.036	0.093
2	Flare	CO	0.871	0.658
		NO _x	0.436	0.329
		VOC	2.25	1.40
3	Glycol Regeneration Unit	CO	0.008	0.018
		NO _x	0.019	0.041
		PM ₁₀	0.002	0.005
		SO ₂ **	<0.001	<0.001
		VOC	0.002	0.005
4	Compressor Engine	CO		1.13
		NO _x	15.79	
		VOC	0.92	
5	Compressor Engine	CO		1.13
		NO _x	15.79	
		VOC	0.92	
69.15	Total Annual Emissions for EPNs 4 and 5 (4)	CO		4.94
		NO _x		
		VOC		4.04
6	Sump Tank	VOC	15.00	0.35

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FUG	Fugitives (5)	VOC	2.89	12.66
7	Product Loading Fugitives	VOC	64.10	10.23
(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)	CO - carbon monoxide			
	NO _x - total oxides of nitrogen			
	PM ₁₀ - particulate matter less than 10 microns			
	SO ₂ - sulfur dioxide			
	SO ₃ - sulfur trioxide			
	VOC - volatile organic compounds as defined in General Rule 101.1			
(4)	Only one of the Compressor Engines identified as EPNs 4 and 5 may operate at any one time.			
(5)	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 Hrs/year 8,760

** Estimate: 0.5 percent of SO₂ emissions are in the form of SO₃

Dated _____