

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Numbers 9608 and PSD-TX-654M2

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 Rates *	Source	Air Contaminant		Emission
Point No. (1)	Name (2)	Name (3)		lb/hr
TPY**				
C15	Ingersoll Rand KVSR 2,600 hp Four Stroke Lean Burn	CO (5)	22.93	100.42
		NO _x (5)	28.66	125.53
		PM/PM ₁₀	0.22	0.97
		SO ₂	0.02	0.06
		VOC	2.50	10.95
C16	Ingersoll Rand KVSR 2,600 hp Four Stroke Lean Burn	CO (5)	22.93	100.42
		NO _x (5)	28.66	125.53
		PM/PM ₁₀	0.22	0.97
		SO ₂	0.02	0.06
		VOC	2.50	10.95
D2	Processed Gas Compressor One 4,100 hp Solar T-4500	CO (5)	3.04	13.31
		NO _x (5)	11.86	51.94
		PM/PM ₁₀	0.25	1.07
		SO ₂	0.13	0.55
		VOC	0.08	0.34
E1	Generator Set 8,200 hp (6) Two 36 MMBtu/hr Solar T-4500s One 19.0 MMBtu/hr WHB	CO (5)	7.64	
		NO _x (5)		25.58
		PM/PM ₁₀	0.64	
		SO ₂	0.27	
		VOC	0.26	
E1E	East Generator 4,100 hp (6) One 36 MMBtu/hr Solar T-4500	CO (5)	3.04	
		NO _x (5)	11.86	
		PM/PM ₁₀	0.25	
		SO ₂	0.13	
		VOC	0.08	
E1W	West Generator 4,100 hp (6) One 36 MMBtu/hr Solar T-4500	CO (5)	3.04	
		NO _x (5)	11.86	
		PM/PM ₁₀	0.25	
		SO ₂	0.13	
		VOC	0.08	

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

AIR CONTAMINANTS DATA

<u>Emission Rates *</u>	<u>Source</u>	<u>Air Contaminant</u>	<u>Emission</u>	
<u>Point No. (1)</u>	<u>Name (2)</u>	<u>Name (3)</u>	<u>lb/hr</u>	<u>TPY**</u>
E1, E1E, and E1W	Annual Emissions (6)	CO (5)	33.47	
		NO _x (5)	112.04	
		PM/PM ₁₀	2.76	
		SO ₂	1.15	
		VOC	1.13	
FUG-2	Process Fugitives (4)	H ₂ S	0.05	0.20
		VOC	0.04	0.18
FUG-NGP	Process Fugitives (4)	H ₂ S	0.31	1.35
		VOC	0.48	2.10

- (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 - particulate matter, suspended in the atmosphere, including PM₁₀
 PM₁₀ - particulate matter equal to or less than 10 microns in diameter
 SO₂ - sulfur dioxide
 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.
- (5) A PSD-TX-654M2 pollutant
- (6) Emissions from EPN E1 will not occur at the same time as emissions from EPN E1E or E1W.
- * 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.

Dated June 8, 2009