

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 9608/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 Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	TPY**
C15	Ingersoll Rand KVSF 2,600-hp Four Stroke Lean Burn	CO (5)	22.93	100.42
		NO _x (5)	28.66	125.53
		PM ₁₀	0.22	0.97
		SO ₂	0.02	0.06
		VOC	2.50	10.95
C16	Ingersoll Rand KVSF 2,600-hp Four Stroke Lean Burn	CO (5)	22.93	100.42
		NO _x (5)	28.66	125.53
		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 ₁₀	0.25	1.07
		SO ₂	0.13	0.55
		VOC	0.08	0.34
E1	Generator Set 8,200-hp (7) Two 36 MMBtu/hr Solar T-4500s Two 9.5 MMBtu/hr WHBs	CO (5)	7.64	33.47
		NO _x (5)	25.58	112.04
		PM ₁₀	0.64	2.80
		SO ₂	0.27	1.19
		VOC	0.26	1.14
E1E	East Generator 4,100-hp (6) (7) One 36 MMBtu/hr Solar T-4500	CO (5)	3.04	0.0
		NO _x (5)	11.86	0.0
		PM ₁₀	0.25	0.0
		SO ₂	0.13	0.0
		VOC	0.08	0.0

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AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	<u>Emission Rates *</u>	
			lb/hr	TPY**
E1W	West Generator 4,100-hp (6) (7) One 36 MMBtu/hr Solar T-4500	CO (5)	3.04	0.0
		NO _x (5)	11.86	0.0
		PM ₁₀	0.25	0.0
		SO ₂	0.13	0.0
		VOC	0.08	0.0
FUG-2	Process Fugitives (4)	H ₂ S	0.0	0.0
		VOC	0.0	0.0
FUG-NGP	Process Fugitives (4)	H ₂ S	0.0	0.0
		VOC	0.0	0.0

(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

H₂S - hydrogen sulfide

NO_x - total oxides of nitrogen

PM₁₀ - particulate matter less than 10 microns

SO₂ - sulfur dioxide

VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1

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

(5) PSD-TX-654M2 pollutant

(6) To be determined number of hours for bypass stack operation

(7) Emissions do not occur at the same time from each EPN

* 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.