

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 6798

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**
2	1½ Solar Centaur Turbines	CO	17.25	25.11
		NO _x	34.80	140.13
		PM ₁₀	0.34	1.50
		SO ₂	0.11	0.48
		VOC	0.05	0.24
3	1½ Solar Centaur Turbines	CO	17.25	25.11
		NO _x	34.80	140.13
		PM ₁₀	0.34	1.50
		SO ₂	0.11	0.48
		VOC	0.05	0.24
4	½ Solar Centaur Turbine with 55 MMBtu/hr Duct Burner	CO	6.40	11.00
		NO _x	14.30	58.50
		PM ₁₀	0.42	1.80
		SO ₂	0.04	0.18
		VOC	0.09	0.38
5	½ Solar Centaur Turbine with 55 MMBtu/hr Duct Burner	CO	6.40	11.00
		NO _x	14.30	58.50
		PM ₁₀	0.42	1.80
		SO ₂	0.04	0.18
		VOC	0.09	0.38
F3	Fugitives (4)	VOC	2.31	10.12
F3A	Cooling Tower (5)	PM ₁₀	1.14	5.01
		VOC	26.12	11.44

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates*	
			lb/hr	TPY**
FL-1	Main Flare Contribution	CO	4.00	17.40
		NO _x	2.00	8.70
		SO ₂	0.02	0.10
		VOC	5.30	23.20

- (1) Emission point identification - either specific equipment designation or emission point number from a plot plan.
- (2) Specific point source names. For fugitive sources use area name or fugitive source name.
- (3) CO - carbon monoxide
NO_x - total oxides of nitrogen
PM₁₀ - particulate matter (PM) equal to or less than 10 microns in diameter. Where PM is not listed, it shall be assumed that no PM greater than 10 microns in emitted.
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) Emission rate is an estimate only. The emission rate is enforceable through compliance with the applicable special condition(s) and permit application representations.

* 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 October 28, 2010