

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 20040/PSD-TX-801

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
116S-B108	Boiler B108	PM	2.65	11.59
		VOC	1.85	8.11
		NO _x	15.88	69.55
		SO ₂	0.16	0.70
		CO	35.72	156.48
832S-B109	Unit 1 - 5 MW Solar Taurus Gas Turbine Model No. 60-T7300S Without Duct Burner Firing	NO _x	6.4	
		CO	7.8	
		VOC	0.22	
		PM/PM ₁₀	0.80	
		SO ₂	0.04	
832S-B109	Unit 1 - 5 MW Solar Taurus Gas Turbine Model No. 60-T7300S With Duct Burner Firing	NO _x	16.49	68.77
		CO	13.85	56.45
		VOC	1.33	5.72
		PM/PM ₁₀	1.81	7.92
		SO ₂	0.1	0.42
832S-B110	Unit 2 - 5 MW Solar Taurus Gas Turbine Model No. 60-T7300S Without Duct Burner Firing	NO _x	6.4	
		CO	7.8	
		VOC	0.22	
		PM/PM ₁₀	0.8	
		SO ₂	0.04	
832S-B110	Unit 2 - 5 MW Solar Taurus Gas Turbine Model No. 60-T7300S With Duct Burner Firing	NO _x	16.49	68.77
		CO	13.85	56.45
		VOC	1.33	5.72
		PM/PM ₁₀	1.31	7.92
		SO ₂	0.10	0.42
832S-B111	Unit 3 - 5 MW Solar Taurus Gas Turbine Model No. 60-T7300S Without Duct Burner Firing	NO _x	6.40	
		CO	7.80	
		VOC	0.22	
		PM/PM ₁₀	0.80	
		SO ₂	0.04	

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AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	TPY
832S-B111	Unit 3 - 5 MW Solar Taurus Gas Turbine Model No. 60-T7300S With Duct Burner Firing	NO _x	16.49	68.77
		CO	13.85	56.45
		VOC	1.33	5.72
		PM ₁₀	1.81	7.92
		SO ₂	0.10	0.42
832S-B112	Unit 4- 5 MW Solar Taurus Gas Turbine Model No. 60-T7300S Without Duct Burner Firing	NO _x	6.4	
		CO	7.80	
		VOC	0.22	
		PM/PM ₁₀	0.80	
		SO ₂	0.04	
832S-B112	Unit 4 - 5MW Solar Taurus Gas Turbine Model No. 60-T7300S With Duct Burner Firing	NO _x	16.49	68.77
		CO	13.85	56.45
		VOC	1.33	5.72
		PM/PM ₁₀	1.81	7.92
		SO ₂	0.10	0.42

(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) PM - particulate matter, suspended in the atmosphere, including PM₁₀.

PM₁₀ - particulate matter equal to or less than 10 microns in diameter. Where PM is not listed, it shall be assumed that no particulate matter greater than 10 microns is emitted.

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

NO_x - total oxides of nitrogen

SO₂ - sulfur dioxide

CO - carbon monoxide

* 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

Dated_____