

Emission Sources - Maximum Allowable Emission Rates

Permit Numbers 20040 and PSDTX801

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, sources, and related activities. 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 (4)	
			lbs/hour	TPY (5)
116S-B108	Boiler B108	PM	2.65	11.59
		PM ₁₀	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	0.80	
		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	1.81	7.92
		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	0.8	
		PM ₁₀	0.8	
		SO ₂	0.04	
832S-B110	Unit 2 - 5 MW Solar Taurus Gas Turbine Model No. 60- T7300S	NO _x	16.49	68.77
		CO	13.85	56.45
		VOC	1.33	5.72

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	With Duct Burner Firing	PM	1.81	7.92
		PM ₁₀	1.81	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	0.80	
		PM ₁₀	0.80	
		SO ₂	0.04	
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	1.81	7.92
		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	0.80	
		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	1.81	7.92
		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) VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
- NO_x - total oxides of nitrogen
- SO₂ - sulfur dioxide
- PM - total particulate matter, suspended in the atmosphere, including PM₁₀ and PM_{2.5}, as represented

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|-------------------|---|
| PM ₁₀ | - total particulate matter equal to or less than 10 microns in diameter, including PM _{2.5} , as represented |
| PM _{2.5} | - particulate matter equal to or less than 2.5 microns in diameter |
| CO | - carbon monoxide |

(4) The allowable emission rates include planned startup and shutdown activities.

(5) Compliance with annual emission limits (tons per year) is based on a 12 month rolling period.

Dated August 28, 2013