

Emission Sources - Maximum Allowable Emission Rates

Permit Number 99691

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	
			lb/hour (6)	TPY (4)
TURB3	Unit 6 – Combustion Turbine 3 (5, 7) GE7FA (~168 MW)	NO _x	57.00	24.78
		NO _x (MSS)	195.00	-
		CO	29.00	17.19
		CO (MSS)	230.00	-
		VOC	2.80	0.98
		PM	18.00	6.30
		PM ₁₀	18.00	6.30
		PM _{2.5}	18.00	6.30
		SO ₂	24.50	3.44

- (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
 PM₁₀ - 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
 MSS - maintenance, startup, and shutdown emissions
- (4) Compliance with annual emission limits (tons per year) is based on a 12 month rolling period.
- (5) The tpy emission limit for this facility includes emissions from normal and planned MSS operations.
- (6) For each pollutant whose emissions are measured during planned MSS activities using a CEMS, only the MSS lb/hr limits apply during each clock hour that includes one or more minutes of MSS activities. For all other hours the normal lb/hr shall apply.
- (7) Unless denoted separately the lb/hr emission rates for this facility included emission from normal and planned MSS operations.

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