

Emission Sources - Maximum Allowable Emission Rates

Permit Number 22113 and PSDTX824

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	
			lbs/hour	TPY (4)
61, 61A, 61B and 61C	Three Solar T-4700S Combustion Turbines Equipment Nos. 125GE14001; 125GE14002; 125GE14003 Emitting through an Unfired HRU stack 61 or each turbines HRU bypass stack 61A, 61B and 61C.	NO _x	23.79	89.61
		CO	17.22	66.75
		CO (5)	25.41	
		SO ₂	2.14	0.82
		PM	0.93	3.56
		PM ₁₀	0.93	3.56
		PM _{2.5}	0.93	3.56
		VOC	1.00	3.73
F60	COGEN III Unit process fugitives	VOC	0.12	0.54

(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}
- PM₁₀ - total particulate matter equal to or less than 10 microns in diameter, including PM_{2.5}
- PM_{2.5} - particulate matter equal to or less than 2.5 microns in diameter
- CO - carbon monoxide

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

(5) Increased allowable emission rate during the turbine(s) startup, shutdown or water wash.

Date: September 30, 2019