

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Numbers 9559 and PSD-TX 648

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**
501	3.5 MW Turbine and 80 MMBtu/hr Heat Boiler	NO _x ***	15.0	11.0
		VOC	1.5	6.57
		CO	9.5	41.6
		PM	3.7	16.2
		SO ₂	7.88	34.5
		NH ₃	0.72	3.16
502	Diesel Starter (5)	NO _x ***	3.6	0.022
		VOC	0.11	0.001
		CO	1.0	0.006
		PM	1.2	0.007
		SO ₂	1.0	0.007
503	Diesel Fuel Tank Vent	VOC	0.02	0.001

- (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 an area name or fugitive source name.
- (3) NO_x - total oxides of nitrogen
VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1.
CO - carbon monoxide
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.
SO₂ - sulfur dioxide
NH₃ - ammonia
- (4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.
- (5) The lb/hr number represents a maximum emission, and does not directly correlate to the tpy

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figure because the starter is operated intermittently during start-up only.

- * Emission rates are based on and the facilities are limited by the following maximum operating schedule:

8,760 Hrs/year

- ** Compliance with annual emission limits is based on a rolling 12-month period.

- *** Emissions are regulated under PSD-TX-648 permit authorization.

Dated_____