

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 2094

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

Natural Gas Firing Emission Limits per Turbine

THWGT-51	Gas Turbine Generator MS7001C	NO _x	217.4	952.0
THWGT-52		CO	125.0	547.4
THWGT-53		SO ₂	17.4	76.2
THWGT-54		PM/PM ₁₀	15.2	66.6
THWGT-55		VOC	45.6	200.0
THWGT-56				

No. 2 Fuel Oil Firing Emission Limits per Turbine

THWGT-51	Gas Turbine Generator MS7001C	NO _x	284.9	102.6
THWGT-52		CO	104.5	37.6
THWGT-53		SO ₂	284.9	102.6
THWGT-54		PM/PM ₁₀	38.0	13.7
THWGT-55		VOC	38.0	13.7
THWGT-56				

- (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 - 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.
 CO - carbon monoxide

* Emission rates when firing natural gas are based on and the facilities are limited to 8,760 hours per year per turbine. Emission rates when firing No. 2 fuel oil are based on and the facilities are limited to 720 hours per year per turbine.

Dated July 28, 2003