

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 1212

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 (8,760 HRS)

GT-3	20 MW GAS TURBINE GE MODEL PG-5341	NO _x	118.1	517.2
		CO	32.9	144
		SO ₂	4.6	20
		VOC	12	52.6
		PM/PM ₁₀	4	17.5

Emission rates are based on and the facilities are limited by the following maximum operating schedule while firing Natural Gas:

Hrs/day____Days/week____Weeks/year____or Hrs/year 8,760

NO. 2 FUEL OIL FIRING (720 HRS)

GT-3	20 MW GAS TURBINE GE MODEL PG-5341	NO _x	127.2	45.8
		CO	28.9	10.4
		SO ₂	78.8	28.4
		VOC	10.4	3.8
		PM/PM ₁₀	9.4	3.4

Emission rates are based on and the facilities are limited by the following maximum operating schedule while firing No. 2 Fuel Oil:

Hrs/day____Days/week____Weeks/year____or Hrs/year 720

MAXIMUM ALLOWABLE ANNUAL EMISSION RATES - NO. 2 FUEL OIL (720 HRS) AND NATURAL GAS (8,040 HRS)

GT-3	20 MW GAS TURBINE GE MODEL PG-5341	NO _x	520.5
		CO	142.6
		SO ₂	46.7
		VOC	52.0
		PM/PM ₁₀	19.5

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- (1) Emission point identification - either specific equipment designation or emission point number from plot plan.
- (2) Specific point 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

Dated October 6, 2003