

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Numbers 54114, PSD-TX-1031, and N-055

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**
CTG-1	Combustion Turbine with 225 MMBtu/hr Duct Burner	NO _x	9.0	16.0
		CO	35.9	88.3
		VOC	4.5	7.4
		PM ₁₀	14.7	46.7
		SO ₂	10.1	3.3
		NH ₃	6.7	21.9
		H ₂ SO ₄	1.9	0.6
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CTG-LOV1	Lube Oil Vent	PM	0.1	0.2
CTG-LOV2	Lube Oil Vent	PM	0.1	0.2
FUG-VOC	VOC Fugitives (4)	VOC	0.2	1.0
FUG-NH3	Ammonia Fugitives (4)	VOC	0.1	0.2

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- (1) Emission point identification - either specific equipment designation or emission point number.
- (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
CO - carbon monoxide
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.
H₂SO₄ - sulfuric acid
NH₃ - ammonia
- (4) Fugitive emissions are an estimate based on component count and applicable fugitive emission factors.

* Emission rates are based on an operating schedule of 8,760 hours/year.

** Compliance with the annual emission limits shall be based on a rolling 12-month year rather than the calendar year.

Dated October 20, 2003