

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Numbers 40699 and PSD-TX-932

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**
61STK_001	COGEN Turbine 1 GE PG7241FA Turbine w/ 654MMBTU/hr Duct Burner	NO _x	45.87	186.82
		CO***	139.60	363.88
		VOC	12.76	51.98
		SO ₂	1.35	5.50
		PM ₁₀ ***	24.54	106.13
		NH ₃ 23.73	96.66	
61STK_002	COGEN Turbine 2 GE PG7241FA Turbine w/ 654MMBTU/hr Duct Burner	NO _x	45.87	186.82
		CO***	139.60	363.88
		VOC	12.76	51.98
		SO ₂	1.35	5.50
		PM ₁₀ ***	24.54	106.13
		NH ₃ 23.73	96.66	
61STK_003	COGEN Turbine 3 GE PG7241FA Turbine w/ 654MMBTU/hr Duct Burner	NO _x	45.87	186.82
		CO***	139.60	363.88
		VOC	12.76	51.98
		SO ₂	1.35	5.50
		PM ₁₀ ***	24.54	106.13
		NH ₃ 23.73	96.66	
61VNT_001	CTG No. 1 Lube Oil Vent	VOC	0.04	0.19
61VNT_002	CTG No. 2 Lube Oil Vent	VOC	0.04	0.19
61VNT_003	CTG No. 3 Lube Oil Vent	VOC	0.04	0.19
61VNT_004	STG Lube Oil Vent	VOC	0.01	0.02
61CTL_031	Cooling Tower	PM ₁₀	0.27	1.18

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- (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 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
PM₁₀ - particulate matter (PM) 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
NH₃ - ammonia

* Emission rates are based on the following maximum operating schedule:

24 hours/day 7 days/week 52 weeks/year or 8,760 hours/year

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

*** Emissions regulated under PSD-TX-932 permit authorization.

Dated _____