

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number S-18293

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
Boiler 1	CUP Boiler 1 0.02	SO ₂		0.04
		NO _x	7.83	3.92
		PM	0.42	0.21
		VOC	0.30	0.15
		CO	8.79	4.40
Boiler 2	CUP Boiler 2 0.18	SO ₂		0.04
		NO _x	7.83	34.30
		PM	0.42	1.84
		VOC	0.30	1.31
		CO	8.79	38.50
Boiler 3	CUP Boiler 3 0.02	SO ₂		0.04
		NO _x	7.83	3.92
		PM	0.42	0.21
		VOC	0.30	0.15
		CO	8.79	4.40
GT-1-BP	Gas Turbine 1 Bypass Stack	SO ₂		0.18
		-		
		NO _x	3.10	-
		PM	0.34	-
		VOC	1.80	-
GT-1-AC	Gas Turbine Adsorption Chiller Stack	CO	3.15	-
		SO ₂		0.18
		-		
		NO _x	3.10	-
		PM	0.34	-
		VOC	1.80	-
		CO	3.15	-

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GT-1-BP/GT-1-AC	Gas Turbine 1 Bypass Stack	SO ₂		0.79
	Gas Turbine Adsorption	NO _x	-	13.58
	Chiller Stack	PM	-	1.49
		VOC	-	7.88
		CO	-	13.80

- (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 - nitrogen oxide
 - SO₂ - sulfur dioxide
 - 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.

* Emission rates for EPNs Boiler 2 and GT-1-BP/GT-1-AC are based on and the facilities are limited by the following maximum operating schedule:

Hrs/day ____ Days/week ____ Weeks/year ____ or Hrs/year 8,760

Emission rates for EPNs Boiler 1 and Boiler 3 are based on and the facilities are limited by the following maximum operating schedule:

Hrs/day ____ Days/week ____ Weeks/year ____ or Hrs/year 1,000

Dated _____