

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Numbers 35335 and PSDTX880

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**
CG-1	GE-7231FA Turbine + Duct Burner	NO _x	181.74	-
		CO	85.84	-
		VOC	9.11	-
		SO ₂	1.60	-
		PM ₁₀	18.89	-
		H ₂ SO ₄	0.25	-
		HCl	<0.01	-
CG-2	GE-7231FA Turbine + Duct Burner	NO _x	181.74	-
		CO	85.84	-
		VOC	9.11	-
		SO ₂	1.60	-
		PM ₁₀	18.89	-
		H ₂ SO ₄	0.25	-
		HCl	<0.01	-
CG-1 and CG-2	Combined Annual Emissions	NO _x	-	1386.88
		CO	-	733.38
		VOC	-	76.12
		SO ₂	-	12.67
		PM ₁₀	-	144.02
		H ₂ SO ₄	-	1.94
		HCl	-	<0.01
CU-1	Carbonations Unit	NO _x	1.42	5.41
		CO	0.67	2.86
		VOC	0.07	0.30
		SO ₂	0.01	0.05
		PM ₁₀	0.15	0.56
		H ₂ SO ₄	<0.01	0.01
CG-FUG (4)	Fugitive emissions	VOC	0.03	0.11

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

- (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 an 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 equal to or less than 10 microns in diameter
 - CO - carbon monoxide
 - HCl - hydrogen chloride or hydrochloric acid
 - H₂SO₄ - sulfuric acid
- (4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.

* Emission rates are based on and the facilities are limited by the following maximum operating schedule:

24 Hrs/day 7 Days/week 52 Weeks/year or 8,760 Hrs/year

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

Dated October 12, 2009