

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Numbers 8576 and PSD-TX-371M4

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
LMS1	Boiler Unit 1 Scrubber Stack	NO _x	2265.0	9921.0
		SO ₂ (3-hour rolling average)	9000	-
		SO ₂ (24-hour rolling average)	6479	28387.0
		PM	236.0	1033.0
		CO (24-hour rolling average)	2990.0	3823.0
		VOC	52.7	231.0
		H ₂ SO ₄	245.0	1071.0
		Pb		0.26
			0.46	
		As		0.17
			0.39	
		Be		0.07
			0.05	
		Cd	0.06	0.12
		Cr	0.49	0.78
		HCl	122.1	274.9
		HF	81.4	87.4
		Mn	1.23	1.28
		Hg	0.40	0.74
		Ni	0.49	1.59
		Se		10.79
			5.70	
		V	2.10	6.90

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AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	TPY
LMS2	Boiler Unit 2 Scrubber Stack	NO _x	2265.0	9921.0
		SO ₂ (3-hour rolling average)	9000.0	-
		SO ₂ (24-hour rolling average)	6479.0	28387.0
		PM	236.0	1033.0
		CO (24-hour rolling average)	2990.0	3823.0
		VOC	52.7	231.0
		H ₂ SO ₄	245.0	1071.0
		Pb	0.26	0.46
		As	0.17	0.39
		Be	0.07	0.05
		Cd	0.06	0.12
		Cr	0.49	0.78
		HCl	122.1	274.9
		HF	81.4	87.4
		Mn	1.23	1.28
		Hg	0.40	0.74
		Ni	0.49	1.59
		Se		10.79
			5.70	
		V	2.10	6.90

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- (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
 - 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 PM greater than 10 microns in emitted.
 - NO_x - total oxides of nitrogen
 - SO₂ - sulfur dioxide
 - CO - carbon monoxide
 - H₂SO₄ - sulfuric acid mist
 - Pb - lead
 - As - arsenic
 - Be - beryllium
 - Cd - cadmium
 - Cr - chromium
 - HCl - hydrogen chloride
 - HF - hydrogen fluoride
 - Mn - manganese
 - Hg - mercury
 - Ni - nickel
 - Se - selenium
 - V - vanadium

* Emission rates are based on the following operating schedule:

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

Dated December 22, 2008