

Emission Sources - Maximum Allowable Emission Rates

Permit Numbers 2329 and PSDTX719 **(11/17)**

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, sources, and related activities. 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	
			lbs/hour	TPY (4)
5	Utility Boiler 480 MW (6) (Sweet Natural Gas)	NO _x	995.00	4132.50
		CO	117.06	486.18
		PM	37.07	153.96
		PM ₁₀	37.07	153.96
		PM _{2.5}	37.07	153.96
		VOC	26.83	111.42
		SO ₂	2.93	12.15
		Pb	<0.01	0.01
5	Utility Boiler 480 MW (6) (Oil Fired)	NO _x	1415.25	6198.80
		CO	157.25	688.76
		PM	471.75	2066.27
		PM ₁₀	471.75	2066.27
		PM _{2.5}	471.75	2066.27
		VOC	23.90	104.68
		SO ₂	3774.00	16,530.12
		Pb	0.05	0.21
		SO ₃	125.48	549.60
		Be	<0.01	<0.01
		Hg	<0.01	0.02
		HF	1.17	5.12

Emission Sources - Maximum Allowable Emission Rates

MSSFUG	Attachment A and Attachment B (5)	NO _x	<0.01	<0.01
		CO	<0.01	<0.01
		VOC	109.01	0.10
		NH ₃	18.23	0.16

- (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 - total oxides of nitrogen
 SO₂ - sulfur dioxide
 SO₃ - sulfur trioxide
 PM - particulate matter
 PM₁₀ - total particulate matter equal to or less than 10 microns in diameter, including PM_{2.5}, as represented
 PM_{2.5} - particulate matter equal to or less than 2.5 microns in diameter
 CO - carbon monoxide
 Pb - lead
 Hg - mercury
 HF - hydrofluoric acid
 Be - beryllium
 MSS - maintenance, startup, and shutdown emissions
- (4) Compliance with annual emission limits (tons per year) is based on a 12 month rolling period.
- (5) Emission rate is an estimate and is enforceable through compliance with the applicable special condition(s) and permit application representations.
- (6) The pounds per hour and tons per year emission rates for this unit apply to normal operations and MSS.

Date: November 7, 2017