

Emission Sources - Maximum Allowable Emission Rates

Permit Numbers 3687 and PSDTX9M1

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 (4)	
			lbs/hour	TPY (5)
Unit 1	Unit 1 Boiler	NO _x	1150.05	5037.22
		CO	5053.25	11692.17
		VOC	23.76	104.06
		SO ₂	7597.00	33276.00
		PM/PM ₁₀	210.94	923.95
		Hg	0.05	0.23
Ash 0	Fly Ash Collectors	PM ₁₀ /PM _{2.5}	<0.01	0.023
Ash 1	Fly Ash Silo	PM ₁₀ /PM _{2.5}	0.027	0.045
Ash 2	Fly Ash Loadout	PM ₁₀ /PM _{2.5}	0.044	0.045
Load 1	Fuel Oil Storage Tank	VOC	0.38	1.70
MSSFUG-ILE	MSS Activities [Inherently Low Emitting (ILE)]	NO _x	0.012	<0.01
		CO	0.047	<0.01
		VOC	29.7	0.11
		SO ₂	<0.01	<0.01
		PM/ PM ₁₀ /PM _{2.5}	8.09	2.24
MSSFUG	Non-ILE MSS Activities	PM/ PM ₁₀ /PM _{2.5}	4.46	0.55
		VOC	26.3	0.065
Coal 1	Truck and Railcar Unloading (6)	PM	0.24	0.10
Coal 2	Coal Transfer Conveyors (6)	PM	0.42	0.20
Coal 3	Storage Piles and	PM	0.48	0.30

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	Conveyors (6)			
Coal 4	Boiler Feed Conveyors (6)	PM	0.12	0.10
Coal 5	Storage Piles 6 and 20 (6)	PM	3.06	6.70

- (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
- PM - total particulate matter, suspended in the atmosphere, including PM₁₀ and PM_{2.5}, as represented
- 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
- Hg - mercury
- (4) The pounds per hour and tons per year emission rate limits for these units apply to normal operation of the units as well as MSS operations.
- (5) Compliance with annual emission limits (tons per year) is based on a 12 month rolling period.
- (6) Emission rate is an estimate and is enforceable through compliance with the applicable special condition(s) and permit application representations.

Date: _____