

Emission Sources - Maximum Allowable Emission Rates

Permit Numbers 5129 and PSDTX017M2

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)
2-1	Unit 2 Boiler Stack (6)	NO _x	1,341.00	3774.0
		CO	1,915.00	5033.0
		VOC	14.00	56.0
		SO ₂	4,602.00	18,946.0
		PM ₁₀	383.00	1579.0
2-2	Unit 2 Ash Handling System Bin Vent	PM ₁₀	0.50	2.2
2-2A	Unit 2 Ash Handling System Pump A Discharge	PM ₁₀	0.046	0.2
2-2B	Unit 2 Ash Handling System Pump B Discharge	PM ₁₀	0.046	0.2
3-1	Unit 3 Boiler Stack (6)	NO _x	1,161.00	5,085.0
		CO	1,277.00	2,543.0
		VOC	55.00	241.0
		SO ₂	4,151.00	18,181.0
		PM ₁₀	347.00	1,520.0
3-2	Fly Ash Silo Bin Vent	PM ₁₀	0.34	1.5
3-2A	Unit No. 3 Vacuum Pump Discharge	PM ₁₀	0.01	0.04
MSS-FUG2	MSS Fugitives (5)	SO ₂	< 0.01	< 0.01
		NO _x	< 0.01	< 0.01
		VOC	39.00	0.79
		PM	8.51	4.97
		PM ₁₀	2.45	1.20
		PM _{2.5}	0.37	0.18

(1) Emission point identification - either specific equipment designation or emission point number from plot plan.

Project Number: 334756

Emission Sources - Maximum Allowable Emission Rates

- (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
- (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 lb/hr and tpy emission limits specified in the MAERT for this facility includes emissions from the facility during both normal operations and planned MSS activities. **(05/12)**

Date: April 28, 2022