

Emission Sources - Maximum Allowable Emission Rates

Permit Number 162101

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)
CT-4A	CT Unit 4A	NO _x (5)	17.10	-
		NO _x (MSS) (5)	33.00	-
		CO (5)	28.89	-
		CO (MSS) (5)	42.00	-
		VOC	4.13	-
		VOC (MSS)	6.00	-
		PM	3.40	-
		PM ₁₀	3.40	-
		PM _{2.5}	3.40	-
		SO ₂	4.33	-
		H ₂ SO ₄	0.53	-
CT-4B	CT Unit 4B	NO _x (5)	17.10	-
		NO _x (MSS) (5)	33.00	-
		CO (5)	28.89	-
		CO (MSS) (5)	42.00	-
		VOC	4.13	-
		VOC (MSS)	6.00	-
		PM	3.40	-
		PM ₁₀	3.40	-
		PM _{2.5}	3.40	-
		SO ₂	4.33	-
		H ₂ SO ₄	0.53	-
CT-4A/4B Cap	CT Unit 4A/4B Cap	NO _x	-	38.97
		CO	-	61.72

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	VOC	-	8.82
	PM	-	6.8
	PM ₁₀	-	6.8
	PM _{2.5}	-	6.8
	SO ₂	-	1.44
	H ₂ SO ₄	-	0.18

- (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
- H₂SO₄
 - sulfuric acid
- (4) Compliance with annual emission limits (tons per year) is based on a 12 month rolling period. Annual emission limits include normal and planned maintenance, startup, and shutdown (MSS) emissions.
- (5) For each pollutant whose emissions during planned MSS activities are measured using a CEMS, the MSS lb/hr limits apply only during each clock hour that includes one or more minutes of MSS activities. During all other clock hours, the normal lb/hr limits apply.

Date: _____ DRAFT