

Emission Sources - Maximum Allowable Emission Rates

Permit Number 94811

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)
SA-S5A	Circulating Fluid Bed (CFB) Boiler No. 5A Attachment B Activities	NH ₃	(5)	(5)
		VOC	(5)	(5)
		NO _x	(5)	(5)
		CO	(5)	(5)
		PM	(5)	(5)
		SO ₂	(5)	(5)
SA-S5B	CFB Boiler No. 5B Attachment B Activities	NH ₃	(5)	(5)
		VOC	(5)	(5)
		NO _x	(5)	(5)
		CO	(5)	(5)
		PM	(5)	(5)
		SO ₂	(5)	(5)
MSS-FUG	Planned Maintenance, Startup, and Shutdown Sources (6)	PM	1.14	0.45
		PM ₁₀	0.63	0.27
		PM _{2.5}	0.26	0.10
		NH ₃	18.9	0.28
		VOC	3.76	0.08
		NO _x	<0.01	<0.01
		CO	<0.01	<0.01
		SO ₂	0.01	<0.01

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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)
 - PM - total particulate matter, suspended in the atmosphere, including PM₁₀ and PM_{2.5}
 - PM₁₀ - total particulate matter equal to or less than 10 microns in diameter, including PM_{2.5}
 - PM_{2.5} - particulate matter equal to or less than 2.5 microns in diameter
 - VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
 - NH₃ - ammonia
 - NO_x - total oxides of nitrogen
 - CO - carbon monoxide
 - SO₂ - sulfur dioxide
- (4) Compliance with annual emission rates (tons per year) is based on a 12-month rolling period.
- (5) These activities must not cause CFB Boiler 5A or 5B to exceed the emission limits listed for the boilers in the MAERT of Permit Number 48437.
- (6) Includes inherently low emitting (ILE) and non-ILE fugitive emissions from sources and activities listed on Attachments A and B. Emission rates are an estimate and are enforceable through compliance with the applicable special conditions and permit application representations.

Dated January 18,
: 2012