

Emission Sources - Maximum Allowable Emission Rates

Permit Number 3806

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 (5)	
			lbs/hour	TPY (4)
1	Packed Tower Scrubber Stack (Blood Dryer, Cooker Numbers 1 - 11, and Venturi Scrubber)	PM	0.06	0.23
		PM ₁₀	0.06	0.23
		SO ₂	< 0.01	0.01
		NO _x	0.35	1.31
		CO	0.29	1.10
		VOC	0.02	0.07
		Odor (7)	--	--
2	Truck Loadout (6)	PM	< 0.01	< 0.01
		PM ₁₀	< 0.01	< 0.01
3	Bone Grinding Room (6)	PM	< 0.01	< 0.01
		PM ₁₀	< 0.01	< 0.01
Permit by rule (PBR) sources incorporated by reference. Sources remain authorized by the PBR(s) as listed below:				
B-1, B-2, and B-3 are Authorized by PBR Number 106.183				
B-1	Boiler Number 1 Stack	PM	0.16	0.70
		PM ₁₀	0.16	0.70
		SO ₂	0.01	0.06
		NO _x	2.10	9.20
		CO	1.76	7.73
		VOC	0.12	0.51

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B-2	Boiler Number 2 Stack	PM	0.16	0.70
		PM ₁₀	0.16	0.70
		SO ₂	0.01	0.06
		NO _x	2.10	9.20
		CO	1.76	7.73
		VOC	0.12	0.51
B-3	Boiler Number 3 Stack	PM	0.29	1.26
		PM ₁₀	0.29	1.26
		SO ₂	0.02	0.10
		NO _x	3.80	16.64
		CO	3.19	13.98
		VOC	0.21	0.92

- (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}, 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
 - SO₂ - sulfur dioxide
 - NO_x - total oxides of nitrogen
 - CO - carbon monoxide
 - VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
- (4) Compliance with annual emission limits (tons per year) is based on a 12 month rolling period.
- (5) Planned startup and shutdown emissions are included. Maintenance activities are not authorized by this permit.
- (6) Fugitive emissions are an estimate only.
- (7) Odors shall be maintained at a minimum level.

Date: February 27, 2014