

Emission Sources - Maximum Allowable Emission Rates

Permit Number 91323L001

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 (7)	
			lbs/hour	TPY
3	Impact Crusher 1 (4)	PM	0.54	0.60
		PM ₁₀	0.24	0.27
9	Impact Crusher 2 (4)	PM	0.54	0.60
		PM ₁₀	0.24	0.27
5	Screen 1 (4)	PM	0.99	1.10
		PM ₁₀	0.33	0.37
11	Screen 2 (4)	PM	0.99	1.10
		PM ₁₀	0.33	0.37
17	Screen 3 (4)	PM	0.55	0.61
		PM ₁₀	0.19	0.21
1, 2, 4, 6-8, 10, 12-16, 18 and LDG	Material Handling (4) (5)	PM	0.61	0.68
		PM ₁₀	0.22	0.24
19	Diesel Generator Set 1220 hp	PM ₁₀	0.85	1.87
		NO _x	29.28	64.12
		CO	6.71	14.69
		SO ₂	0.49	1.08
		VOC	0.86	1.88
20	Diesel Tank (4)	VOC	< 0.01	0.01
STK	Stockpiles (4) (6)	PM	--	7.62
		PM ₁₀	--	3.81

- (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.

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- (3) CO - carbon monoxide
- NO_x - total oxides of nitrogen
- 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
- SO₂ - sulfur dioxide
- VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
- (4) Fugitive emissions are an estimate only.
- (5) Material Handling includes the drop into the hopper, the feeders, the screw, all conveyor transfer points, the drops off the screens, and the loading and unloading of crushed stone.
- (6) Stockpile emissions account for 10 acres of wet sand and aggregate half of which is active 365 days per year.
- (7) Planned startup and shutdown emissions are included. Maintenance activities are not authorized by this permit.

Date: March 4, 2013