

Emission Sources - Maximum Allowable Emission Rates

Permit Number 92816L001

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
1-2, 5-7, 9-10, 13-17, 19-21, 23, and LDG	Material Handling (4)	PM	0.54	0.65
		PM ₁₀	0.20	0.24
		PM _{2.5}	0.11	0.13
3	Impact Crusher No. 1 (4)	PM	0.30	0.38
		PM ₁₀	0.14	0.17
		PM _{2.5}	0.03	0.03
4	Screen No. 1 (4)	PM	0.55	0.69
		PM ₁₀	0.19	0.23
		PM _{2.5}	0.01	0.02
8	John Deere Engine	PM	0.15	0.30
		PM ₁₀	0.15	0.30
		PM _{2.5}	0.15	0.30
		VOC	0.43	0.87
		NO _x	6.29	12.58
		CO	0.71	1.42
		SO ₂	0.01	0.01
11	Impact Crusher No. 2 (4)	PM	0.60	0.75
		PM ₁₀	0.27	0.34
		PM _{2.5}	0.05	0.06
12	Screen No. 2 (4)	PM	1.10	1.38
		PM ₁₀	0.37	0.46
		PM _{2.5}	0.03	0.03
22	Pug Mill (4)	PM	0.07	0.08
		PM ₁₀	0.02	0.03

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		PM _{2.5}	< 0.01	< 0.01
24	10,000 Gallon Diesel Tank (4)	VOC	< 0.01	0.01
25	Silo Baghouse	PM	0.05	0.21
		PM ₁₀	0.05	0.21
		PM _{2.5}	0.05	0.21
26	John Deere Engine	PM	0.10	0.21
		PM ₁₀	0.10	0.21
		PM _{2.5}	0.10	0.21
		VOC	0.44	0.89
		NO _x	3.52	7.05
		CO	0.62	1.24
		SO ₂	0.01	0.02
STK	Stockpiles (4)	PM	--	2.98
		PM ₁₀	--	1.49
		PM _{2.5}	--	0.23

- (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
- (4) Fugitive emissions are an estimate only.
- (5) Planned startup and shutdown emissions are included. Maintenance activities are not authorized by this permit.

Date: September 16, 2013