

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. 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	
			lb/hr	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/PM ₁₀ /PM _{2.5}	0.15	0.30
		NO _x	6.29	12.58
		CO	0.71	1.42
		VOC	0.43	0.87
		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
		PM _{2.5}	<0.01	<0.01

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24	10, 000-Gallon Diesel Tank (4)	VOC	<0.01	0.01
25	Silo Baghouse	PM/PM ₁₀ /PM _{2.5}	0.05	0.21
26	John Deere Engine	PM/PM ₁₀ /PM _{2.5}	0.10	0.21
		NO _x	3.52	7.05
		CO	0.62	1.24
		VOC	0.44	0.89
		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 a plot plan.
- (2) Specific point source names. For fugitive sources, use an area name or fugitive source name.
- (3) PM - particulate matter, suspended in the atmosphere, including PM₁₀ and PM_{2.5}
PM₁₀ - particulate matter equal to or less than 10 microns in diameter
PM_{2.5} - particulate matter equal to or less than 2.5 microns in diameter
NO_x - total oxides of nitrogen
CO - carbon monoxide
VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
SO₂ - sulfur dioxide
- (4) Fugitive emissions are an estimate only.

Date December 21, 2010