

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 8876A

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)	<u>Emission Rates</u>	
			lb/hr	TPY
2	Impact Crusher No. 1 (4)	PM	0.54	0.60
		PM ₁₀	0.24	0.27
12	Impact Crusher No. 2 (4)	PM	0.48	0.53
		PM ₁₀	0.22	0.24
4	Screen No. 1 (4)	PM	0.99	1.10
		PM ₁₀	0.33	0.37
14	Screen No. 2 (4)	PM	0.44	0.49
		PM ₁₀	0.15	0.16
16	Screen No. 3 (4)	PM	0.44	0.49
		PM ₁₀	0.15	0.16
LDGFUG	Loading/Unloading Operations (4)	PM	0.09	0.11
		PM ₁₀	0.05	0.05
MHFUG	Material Handling Operations (4 and 5)	PM	0.62	0.69
		PM ₁₀	0.21	0.23
SPFUG	Stockpile Fugitives (4 and 6)	PM		3.05
		PM ₁₀		1.52
27	460-hp Caterpillar Engine D3406	PM ₁₀	0.19	0.38
		NO _x	8.14	16.28
		SO ₂	0.94	1.89
		CO	1.30	2.60
		VOC	0.12	0.24

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28	460-hp Caterpillar Engine D3406	PM ₁₀	0.19	0.38
		NO _x	8.14	16.28
		SO ₂	0.94	1.89
		CO	1.30	2.60
		VOC	0.12	0.24

- (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 including PM_{2.5}
 PM_{2.5} - particulate matter equal to or less than 2.5 microns in diameter
 NO_x - total oxides of nitrogen
 SO₂ - sulfur dioxide
 CO - carbon monoxide
 VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
- (4) Fugitive emissions are an estimate only.
- (5) Includes Material Handling EPNs 1, 3, 5 - 11, 13, 15, and 17 - 26.
- (6) Stockpiles limited to four acres total (two acres active and two acres inactive).

Dated December 21, 2009