

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 44764

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
6	Cement Silo No. 3 Baghouse	PM ₁₀	0.05	0.10
7	Cement Silo No. 4 Baghouse	PM ₁₀	0.05	0.10
8	Fly Ash Silo NB Baghouse	PM ₁₀	0.05	0.10
22	Cement Silo No. 1 Baghouse	PM ₁₀	0.05	0.10
23	Cement Silo No. 2 Baghouse	PM ₁₀	0.05	0.10
24	Fly Ash Silo A Baghouse	PM ₁₀	0.05	0.10
NFUG1	North Mixer Loading (4)	PM	0.14	0.28
		PM ₁₀ 0.07	0.14	
NFUG2	North Building Fugitives (4 and 5)	PM ₁₀	0.06	0.26
		NO _x	0.70	3.10
		CO 0.60	2.60	
		SO ₂ < 0.02	0.08	
		VOC 0.08	0.36	

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	<u>Emission Rates *</u>	
			lb/hr	TPY
SFUG1	South Building Fugitives (4 and 5) 0.41		PM	0.17
		PM ₁₀	0.10	0.27
		NO _x	0.35	1.53
		CO	0.30	1.31
		SO ₂	< 0.01	0.04
		VOC	0.04	0.18
NFUG3	North Stockpiles (4)	PM		0.11
		PM ₁₀	0.06	
SFUG2	South Stockpiles (4)	PM		0.11
		PM ₁₀	0.06	
AFUG	Material Handling (4)	PM	0.20	0.41
		PM ₁₀	0.10	0.20

(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 area name or fugitive source name.

(3) PM - particulate matter, suspended in the atmosphere, including PM₁₀.

PM₁₀ - particulate matter equal to or less than 10 microns in diameter. Where PM is not listed, it shall be assumed that no particulate matter greater than 10 microns is emitted.

NO_x - nitrogen oxides

CO - carbon monoxide

SO₂ - sulfur dioxide

VOC - volatile organic compounds

(4) Fugitive emissions are an estimate only.

(5) Includes emissions from the vapor generators

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- * Emission rates are based on and the facilities are limited by the following maximum operating schedule and production:

16 Hrs/day 5 Days/week 50 Weeks/year or 4,000 Hrs/year

Maximum Hourly Production: 35 Cubic yards

Maximum Annual Production: 140,000 Cubic yards

Vapor generators may operate 8,760 hours per year.

Dated _____