

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 5903

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
MS-6-10	Storage Piles (4) Windblown Fug.	PM	0.05	0.20
		PM ₁₀	0.02	0.09
MS-1-5	Material Drops (4) to Piles	PM	0.99	0.22
		PM ₁₀	0.47	0.10
BP1-1-6	Block Plant No. 1 (4) Fugitives	PM	0.31	0.07
		PM ₁₀	0.15	0.03
BP2-1-6	Block Plant No. 2 (4) Fugitives	PM	0.33	0.23
		PM ₁₀	0.16	0.11
SM-1-4	Bagging Plant (4) Fugitives	PM	0.35	0.24
		PM ₁₀	0.17	0.12
BP1-7 and 8	Block Plant No. 1 (a) Silo Baghouses	PM ₁₀	0.08	0.01
BP2-7 and 8	Block Plant No. 2 (a) Silo Baghouses	PM ₁₀	0.08	0.01
BP2-9 and 10	Block Plant No. 3 (a) Silo Baghouses	PM ₁₀	0.08	0.01
SM-5	Sand Dryer (a) Baghouse	PM ₁₀	1.03	1.39
		NO _x	0.67	3.90
		SO ₂	0.01	0.02
		VOC	0.03	0.16
		CO	0.17	0.98
SM-6	Elevator and Screen (a)	PM ₁₀	1.12	1.51

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	<u>Emission Rates</u>	
			<u>lb/hr</u>	<u>TPY</u>
SM-7	Baghouse Bagging System (a) Baghouse	PM ₁₀	1.12	1.51
SM-8-11	Sack Plant Silo (a) Baghouses	PM ₁₀	0.08	0.01
SM-12	Sacking Work Area (a) Baghouse	PM ₁₀	0.51	0.69
E-9	Natural Gas Steam (b) Generator	PM ₁₀	0.06	0.17
		NO _x	0.48	1.46
		SO ₂	0.01	0.01
		VOC	0.04	0.12
		CO	0.10	0.29
E-10	Natural Gas Steam (b) Generator	PM ₁₀	0.06	0.17
		NO _x	0.48	1.46
		SO ₂	0.01	0.01
		VOC	0.04	0.12
		CO	0.10	0.29
E-11	Natural Gas Boiler (b)	PM ₁₀	0.06	0.25
		NO _x	0.48	2.08
		SO ₂	0.01	0.01
		VOC	0.04	0.17
		CO	0.10	0.42

- (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) 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 - total oxides of nitrogen

SO₂ - sulfur dioxide
VOC - volatile organic compounds as defined in General Rule 101.1
CO - carbon monoxide
(4) Fugitive emissions are an estimate only.
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- (a) Emission rates are based on and the facilities are limited by the following maximum operating schedule:

24 Hrs/day 6 Days/week 52 Weeks/year or 7,512
Hrs/year

- (b) Emission rates are based on and the facilities are limited by the following maximum operating schedule:

24 Hrs/day 7 Days/week 52 Weeks/year or 8,760
Hrs/year

Cement Block Production: 1,600 Blocks/hour 12,019,200
Blocks/year

Bagged Cement Production: 1,000 Bags/hour 7,512,000
Bags/year

Dated_____