

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 5933

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>	
			<u>lb/hr</u>	<u>TPY</u>
1-AE-1	Crushing and Transfer Baghouse	PM ₁₀	2.11	9.26
1-AE-2	Sampling Tower Baghouse	PM ₁₀	0.49	2.15
1-BE-1	Raw Material Baghouse	PM ₁₀	0.49	2.15
1-BE-2	Raw Material Bin Baghouse	PM ₁₀	0.49	2.15
1-DE-1	Transfer Blend Silos Baghouse	PM ₁₀	0.59	2.58
1-DE-2	Blend Silos Pneumatic System Baghouse	PM ₁₀	0.29	1.29
1-DE-4	Clinker Cooler Exhaust Baghouse	PM ₁₀	13.5	59.13
1-FE-1	Clinker Bin Baghouse	PM ₁₀	0.43	1.88
1-FE-2	Clinker Storage Building Baghouse	PM ₁₀	0.86	3.75
1-FE-3	Gypsum and Anhydrite Silos Baghouse	PM ₁₀ 1.88		0.43

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Emission *	Source	Air Contaminant	<u>Emission Rates</u>	
<u>Point No. (1)</u>	<u>Name (2)</u>	<u>Name (3)</u>	<u>lb/hr</u>	<u>TPY</u>
1-FE-4	Gypsum and Anhydrite Silos Baghouse	1.88 PM ₁₀	0.43	
1-FE-5	Transfer Tower No. 2 Baghouse	PM ₁₀	0.26	1.13
1-FE-6	Clinker Merrick Feeder Baghouse	PM ₁₀	0.43	1.88
1-FE-7	Clinker Transfer Point No. 1 3.75 Baghouse	PM ₁₀	0.86	
1-FE-8	Fringe Cement Tank Baghouse	PM ₁₀	0.43	1.88
1-FE-9	Fringe Cement Tank Baghouse	PM ₁₀	0.43	1.88
1-FE-14	Gypsum Merrick Feeder Baghouse	PM ₁₀	0.43	1.88
1-FE-15	Clinker Tower No. 2 Baghouse	PM ₁₀	0.29	1.29
1-FE-16	Clinker Bin Drop Baghouse	PM ₁₀	0.43	1.88
1-FE-17	Clinker Reclaim Building Baghouse	PM ₁₀	0.86	1.13
1-GE-1	Finish Mill No. 1 Baghouse	8.58 PM ₁₀	1.96	

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<u>Point No. (1)</u>	<u>Name (2)</u>	<u>Name (3)</u>	<u>lb/hr</u>	<u>TPY</u>
1-GE-2	Finish Mill No. 2 Baghouse			
		7.94	PM ₁₀	1.81
1-GE-4	Gypsum Transfer Tower No. 1			
	Baghouse	1.13	PM ₁₀	0.26
1-GE-5	Gypsum Transfer Tower No. 2			
	Baghouse	1.13	PM ₁₀	0.26
1-GE-7	Finish Mill No. 2 Baghouse			
		2.15	PM ₁₀	0.49
1-GE-8	Finish Mill No. 1 Baghouse			
		2.79	PM ₁₀	0.64
1-HE-1	Cement Silo Baghouse	PM ₁₀	0.43	1.88
1-HE-2	Cement Silo Baghouse	PM ₁₀	0.43	1.88
1-HE-3	Cement Loadout Pump No. 1	PM ₁₀	0.26	1.13
	Baghouse			
1-HE-4	Loadout Bin No. 1 Baghouse			
		1.88	PM ₁₀	0.43
1-HE-5	Loadout Bin No. 2 Baghouse			
		1.88	PM ₁₀	0.43
1-HE-6	Cement Loadout Pump No. 2	PM ₁₀	0.26	1.13
	Baghouse			

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Emission * Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lb/hr	TPY
1-HE-7	Truck/Rail Loadout Baghouse	PM ₁₀	0.43	1.88
1-HE-8	Truck/Rail Loadout Baghouse	PM ₁₀	0.43	1.88
1-HE-10	Loadout Bin Baghouse	PM ₁₀	0.43	1.88
(5)	Stockpiles (4)	PM PM ₁₀	0.54	1.08
(6)	Material Handling (4)	PM PM ₁₀ 3.05	6.20 6.63	12.60

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- (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.
- (4) Fugitive emissions are an estimate only.
- (5) Represents EPNs 1-BE-3 and 6; 1-GE-13 and 14; and 1-I-1.
- (6) Represents EPNs 1-AE-4, 6, 11, 12, 14, 15, 16, 17, 18, 19 and 20; 1-BE-3, 6, and 10; 1-GE-12; and 1-FE-

18.

* Emission rates are based on, and the facilities are limited to, a maximum production rate of 195 tons per hour of dry feed to the preheater tower. The following is the maximum operating schedule:

Hrs/day 24 Days/Week 7 Weeks/Year 52 or Hrs/Year 8,760

Dated _____