

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 *	Source	Air Contaminant	<u>Emission Rates</u>	
<u>Point No. (1)</u>	<u>Name (2)</u>			<u>Name</u>
<u>(3)</u>	<u>lb/hr</u>	<u>TRY</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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(3)	lb/hr	TRY	
1-FE-4	Gypsum and Anhydrite Silos Baghouse	PM ₁₀ 1.88	0.43
1-FE-5	Transfer Tower No. 2 Baghouse	PM ₁₀	0.26 1.13
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-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	PM ₁₀ 8.58	1.96
1-GE-2	Finish Mill No. 2 Baghouse	PM ₁₀ 7.94	1.81
1-GE-4	Gypsum Transfer Tower No. 1 Baghouse	PM ₁₀ 1.13	0.26
1-GE-5	Gypsum Transfer Tower No. 2	PM ₁₀ 1.13	0.26

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(3)	lb/hr	TRY	
	Baghouse		
1-GE-7	Finish Mill No. 2 Baghouse	PM ₁₀	0.49
	2.15		
1-GE-8	Finish Mill No. 1 Baghouse	PM ₁₀	0.64
	2.79		
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 Baghouse	PM ₁₀	0.26
			1.13
1-HE-4	Loadout Bin No. 1 Baghouse	PM ₁₀	0.43
	1.88		
1-HE-5	Loadout Bin No. 2 Baghouse	PM ₁₀	0.43
	1.88		
1-HE-6	Cement Loadout Pump No. 2 Baghouse	PM ₁₀	0.26
			1.13
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)	TSP	0.70
		PM ₁₀	0.50

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Emission *	Source	Air Contaminant	Emission	Rates
Point No. (1)	Name (2)			Name
(3)	lb/hr	TRY		

(6)	Material Handling (4)	TSP	2.33	5.95
		PM ₁₀	1.11	3.30

- (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) TSP - total suspended particulate matter (includes PM₁₀)
PM₁₀ - particulate matter less than 10 microns in diameter
- (4) Fugitive emissions are an estimate only.
- (5) Represents Emission Point Nos. 1-BE-3 and 6; 1-GE-13 and 14; and 1-I-1.
- (6) Represents Emission Point Nos. 1-AE-4, 11, 12, and 14; 1-BE-3 and 6; 1-GE-9, 10, 11, and 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_____