EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

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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
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}	0.43	1.88
1-FE-4	Gypsum and Anhydrite Silos Baghouse	PM_{10}	0.43	1.88
1-FE-5	Transfer Tower No. 2	PM_{10}	0.26	1.13

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	Baghouse			
1-FE-6	Clinker Tower No. 1 Baghouse	PM_{10}	0.49	2.15

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates * lb/hr	TPY
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	Clinker Tower No. 1 Baghouse	PM_{10}	0.49	2.15
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}	1.96	8.58
1-GE-2	Finish Mill No. 2 Baghouse	PM_{10}	1.81	7.94
1-GE-4	Gypsum Transfer Tower No. 1 Baghouse	PM_{10}	0.26	1.13
1-GE-5	Gypsum Transfer Tower No. 2 Baghouse	PM_{10}	0.26	1.13
1-GE-7	Finish Mill No. 2	PM_{10}	0.49	2.15

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates * lb/hr	TPY
	Baghouse			
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	PM_{10}	0.43	1.88
	Baghouse			
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)	Roads (4)	TSP		35.5
		PM_{10}		14.6
(6)	Stockpiles (4)	TSP		0.70
		PM_{10}		0.50
(7)	Material Handling (4)	TSP	2.33	5.95
		PM_{10}	1.11	3.30

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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) TSP - total suspended particulate matter (includes PM_{10})
PM_{10} - particulate matter less than 10 microns in diameter
(4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.
(5) Represents emission points 1-AE-3, 5, 10, and 13; 1-BE-4 and 8; 1-DE-6; and 1-HE-9.
(6) Represents emission points 1-BE-3 and 6; 1-GE-13 and 14; and 1-I-1.

(7) Represents emission points 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_____