

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 49046

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**
S-A-2	Crusher Baghouse	PM ₁₀	1.89	8.26
F-A-4	Raw Materials Drop to Crusher Hopper (4)	PM	2.92	8.66
		PM ₁₀	1.38	2.05
F-A-9	Raw Storage Building Drops (4)	PM	1.46	4.33
		PM ₁₀	0.69	2.05
F-A-15	FE Loader to Sand Pile (4)	PM	0.03	0.05
		PM ₁₀	0.01	0.03
F-C-13	Clinker Barn Fugitives (4)	PM	0.49	1.71
		PM ₁₀	0.23	0.81
F-C-14	Clinker Belt (4)	PM	0.49	1.71
		PM ₁₀	0.23	0.81
F-E-10	Rail Loadout Fugitives (4)	PM	0.49	1.71
		PM ₁₀	0.23	0.81
S-B-1	No. 1 Raw Mill Baghouse	PM/PM ₁₀	2.02	8.86
S-B-2	No. 2 Raw Mill Baghouse	PM/PM ₁₀	2.02	8.86
S-B-3	No. 3 Raw Mill Baghouse	PM/PM ₁₀	2.02	8.86
S-B-4	Raw Silo, Center, Baghouse	PM/PM ₁₀	0.62	2.71
S-B-5	Raw Silo, North, Baghouse	PM/PM ₁₀	0.61	2.68
S-B-7	No. 1 Raw Aux Baghouse	PM/PM ₁₀	0.48	2.11
S-B-9	No. 2 Raw Aux Baghouse	PM/PM ₁₀	0.48	2.11

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			<u>lb/hr</u>	<u>TPY**</u>

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S-B-11	No. 3 Raw Aux Baghouse	PM/PM ₁₀	0.48	2.11
S-B-12	BTM Raw Silo, North, Baghouse	PM/PM ₁₀	0.34	1.46
S-B-13	BTM Raw Silo, Center, Baghouse	PM/PM ₁₀	0.34	1.46
S-B-14	BTM Raw Silo, South, Baghouse	PM/PM ₁₀	0.34	1.46
S-C-12	Clinker Elevators Baghouse	PM/PM ₁₀	1.03	4.51
S-C-26	Clinker Surge Bin Baghouse	PM/PM ₁₀	0.26	1.13
S-D-5	West Finish Silos Baghouse	PM/PM ₁₀	0.64	2.79
S-D-6	East Finish Silos Baghouse	PM/PM ₁₀	0.64	2.79
S-D-7	Masonry Silos Baghouse	PM/PM ₁₀	0.18	0.76
S-D-10	Cement Coolers Baghouse	PM/PM ₁₀	0.26	1.13
S-D-14	South Clinker Drag Baghouse	PM/PM ₁₀	0.78	3.38
S-D-19	North Clinker Drag Baghouse	PM/PM ₁₀	0.78	3.38
S-E-1	Truck Loading Bin Baghouse No. 2	PM/PM ₁₀	0.42	1.81
S-E-2	Truck Loading Spout Baghouse	PM/PM ₁₀	0.14	0.61
S-E-3	Dribble Bin Baghouse	PM/PM ₁₀	0.19	0.84
S-E-4	No. 1 Packing Machine Baghouse	PM/PM ₁₀	0.74	3.24
S-E-5	No. 2 Packing Machine Baghouse	PM/PM ₁₀	0.74	3.24
S-E-6	No. 3 Packing Machine Baghouse	PM/PM ₁₀	0.74	3.24

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S-E-7	No. 4 Packing Machine Baghouse	PM/PM ₁₀	0.74	3.24
S-E-8	Truck Loading Bin No. 1 Baghouse	PM/PM ₁₀	0.13	0.57
S-E-9	Truck Loading Bin No. 3 Baghouse	PM/PM ₁₀	0.17	0.75
S-D-1	No. 1 Finish Mill Baghouse	PM/PM ₁₀	1.44	7.20
S-D-2	No. 2 Finish Mill Separator Baghouse	PM/PM ₁₀ 5.60		1.12
S-D-11	No. 2 Finish Mill Baghouse	PM/PM ₁₀	0.32	1.60
S-D-3	No. 3 Finish Mill Baghouse	PM/PM ₁₀	1.44	7.20
S-D-4	No. 4 Finish Mill Baghouse	PM/PM ₁₀	1.44	7.20
SC-31	No. 1 Clinker Cooler Stack	PM PM ₁₀ 3.04	4.00 13.30	17.50
SC-32	No. 2 Clinker Cooler Stack	PM PM ₁₀ 3.04	4.00 13.30	17.50
SC-33	No. 3 Clinker Cooler Stack	PM PM ₁₀ 3.04	4.00 13.30	17.50

- (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 an 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 and should not be considered as a maximum allowable emission rate.

* Emission rates are based on and the facilities are limited by the following maximum operating

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schedule:

8,760 Hrs/year

** Compliance with annual emission limits is based on a rolling 12-month period.

Dated December 19, 2002