

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 2823B

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**
<u>Cement / Flyash Handling System</u>				
8-DC-24	Cement/Fly Ash Silos (5)	PM ₁₀	0.39	0.40
<u>Clinker/Mill Scale/Gypsum/Coal Handling System</u>				
1A	Railcar Unloading (4)(6)	PM	0.21	0.02
		PM ₁₀ 0.10	0.01	
1B	Rail Hopper Drop to Belt	PM	0.11	0.01
	No. 2 (4)(6)	PM ₁₀	0.05	<0.01
2A	Belt Conveyor Discharge (4)(6)	PM	1.05	0.10
		PM ₁₀ 0.50	0.05	
3A	Belt Conveyor Discharge	PM	2.11	0.19
	No. 2 (Truck Loading) (4)(6)	PM ₁₀	1.00	0.09

- (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 PM greater than 10 microns is emitted.
- (4) Fugitive emissions are an estimate only.
- (5) Based on a maximum hourly capacity rate of 1,000 tons and a maximum annual rate of 40,000 tons of clinker, fly ash, and cement handled for the cement/fly ash handling system.
- (6) Based on a maximum hourly capacity rate of 300 tons for any of the materials and a maximum annual rate of 80,000 tons per year (tpy) for coal; 50,000 tpy for clinker; 3,000 tpy for mill scale; and 8,000 tpy for gypsum for the clinker/mill scale/gypsum/coal handling system.

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- * Emission rates for the cement/fly ash handling system are based on and the facilities are limited by the following maximum operating schedule:

8 Hrs/day 5 Days/week 52 Weeks/year

- * Emission rates for the clinker/mill scale/gypsum/coal handling system are based on and the facilities are limited by the following maximum operating schedule:

12 Hrs/day 5 Days/week 52 Weeks/year

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

Dated September 30, 2005