

## EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 8996 and PSD-TX-454M1

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		Air Contaminant		<u>Emission Rates *</u>	
	Name (2)	Name (3)	lb/hr	TPY		
01		Primary Crusher		PM	0.77	3.4
02		Sec. Crusher		PM	0.77	3.4
03		Raw Material Transfer Point		PM	0.34	1.5
04		Conveyor Belt Transfer		PM	0.70	3.1
05		Raw Material Storage Bins		PM	0.93	4.1
06		Raw Material Storage Shale		PM	0.93	4.1
07**		Kiln Stack-Roller Mill		NO <sub>x</sub>	1090	
		3068.5				
		Running (5)		SO <sub>2</sub>	810	
		3100				
		PM		66.0	255	
07A**		Kiln Stack-Roller Mill		NO <sub>x</sub>	1090	
		161.5				
		Down (5)		SO <sub>2</sub>	1155	
		240				
				PM	66.0	15
08		Kiln Feed Silo Upper		PM	1.06	4.6
09		Kiln Feed Silo Lower		PM	1.06	4.6
10		Kiln Bypass (5)		PM	8.14	33
11		Waste Bypass Dust		PM	0.25	1.1

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Emission Point No. (1)	Source		Air Contaminant		<u>Emission Rates *</u>	
	Name (2)	Name (3)	lb/hr	TPY		
12	Coal Handling			PM	0.80	2.8
13	Coal Storage Bin			PM	0.33	1.4

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Emission Point No. (1)	Source Name (2)	Name (3)	Air Contaminant lb/hr TPY	<u>Emission Rates *</u>	
14	Clinker Conveyor Transfer Point		PM	0.34	1.5
15	Clinker Conveyor		PM	0.53	2.3
16	Gypsum Silo		PM	0.13	0.6
17	Gypsum Discharge		PM	0.09	0.4
18	Gypsum Weighfeeder		PM	0.09	0.4
19	Clinker Feeder No. 7		PM	0.09	0.4
20	Clinker Feeder No. 1		PM	0.09	0.4
21	Clinker Feeder No. 6		PM	0.09	0.4
22	Clinker Feeder No. 4		PM	0.09	0.4
23	Finish Mill Sys. No. 1 24.2		PM	5.52	
24	Gypsum Weighfeeder		PM	0.09	0.4
25	Clinker Weighfeeder No. 2		PM	0.09	0.4
26	Clinker Weighfeeder No. 5		PM	0.09	0.4
27	Clinker Weighfeeder No. 3		PM	0.09	0.4
28	Clinker Weighfeeder No. 8		PM	0.09	0.4
29	Finish Mill Sys. No. 2 24.2		PM	5.52	
30	Cement Silo No. 1 Discharge		PM	0.44	1.9

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Emission Point No. (1)	Source Name (2)	Name (3)	Air Contaminant lb/hr      TPY	<u>Emission Rates *</u>	
31	Cement Silo No. 2 Dishcharge		PM	0.64	2.8
32	Cement Silo No. 4 Discharge		PM	0.44	1.9

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Emission Point No. (1)	Source Name (2)	Name (3)	Air Contaminant lb/hr      TPY	<u>Emission Rates *</u>	
33		Cement Silo No. 5 Discharge	PM	0.80	3.5
34		Cement Silo No. 7 Discharge	PM	0.44	1.9
35		Cement Silo No. 8 Discharge	PM	0.64	2.8
36		Cement Silo No. 1 Filling	PM	1.03	4.5
37		Cement Silo No. 7 Filling	PM	1.03	4.5
38		Coal Storage (4)	PM	2.1	9.3
39		Quarry (4)	PM	1.07	4.7

- (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) NO<sub>x</sub> - total oxides of nitrogen  
SO<sub>2</sub> - sulfur dioxide  
PM - particulate matter
- (4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.
- (5) Operating schedule is 8060 hours per year.

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

Hrs/day 24 Days/week 7 Weeks/year 52 or Hrs/year 8,760

Dated \_\_\_\_\_