

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 6048

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		
1	Clay Crushing and Handling			PM	0.033	0.14
2	Clay Transfer			PM	0.001	0.005
3	Iron Ore Handling			PM	0.0001	0.0005
4	Limestone and Clay Bins with Transfer Points			PM	0.006	0.03
5	Coal, Coke, Gypsum, and Clinker Transfer			PM	0.003	0.014
6	Coal/Coke Handling			PM	0.87	3.81
7	Aeropol Conveyor			PM	0.006	0.03
8	Blending Silo			PM	0.006	0.03
9	Kiln Feed System			PM	0.013	0.06
10	Kiln Stack			PM	25.5	112.0
				NOx	292.4	1281.0
				SO2	106.0	100.0
				CO	256.8	1125.0
				VOC	10.5	46.0
11	Dust Handling			PM	0.0002	0.0006
12	Clinker Cooler			PM	14.9	65.0

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	<u>Emission Rates *</u>	
			lb/hr	TPY
13	Clinder Transfer to Deep Bucket		PM	0.004 0.02
14	Clinker Hopper and Transfer Points		PM	0.0002 0.001
15	Clinker Silo and Transfer		PM	0.004 0.02
16	Clinker Transfer North		PM	0.002 0.01
17	Clinker Transfer South		PM	0.002 0.01
18	Gypsum Transfer		PM	0.0002 0.001
19	North Finish Mill		PM	2.53 11.1
20	Finish Mill and Transfer Points North		PM	0.006 0.03
21	South Finish Mill		PM	1.24 5.4
22	Finish Mill with Transfer Points South		PM	0.003 0.013
23	Cement Silo Transfer		PM	0.004 0.02
24	Cement Silo Distribution System North		PM	0.002 0.009
25	Cement Silo Transfer		PM	0.004 0.02
26	Cement Silo Distribution System South		PM	0.002 0.01

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			lb/hr	TPY		
27		Cement Loading Station Transfer		PM	0.004	0.02
28		Cement Loading Station Transfer		PM	0.004	0.02
29		Cement Loading Station Transfer		PM	0.004	0.02
30		Clinker Transfer		PM	0.0001	0.0004
31		Cement Silo Transfer		PM	0.005	0.02
32		Cement Silo Transfer		PM	0.0001	0.0005
33		Finish Mill Transfer		PM	0.0001	0.0005

For Fugitive Emission estimates see Table 1(a) date stamped July 2, 1993 in Permit File No. 6048.

- (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) PM - particulate matter
VOC - volatile organic compounds as defined in General Rule 101.1
NOx - total oxides of nitrogen
SO2 - sulfur dioxide
CO - carbon monoxide
- (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 schedule:

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

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	<u>Emission Rates *</u>	
			lb/hr	TPY

Dated _____