

# EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 38714

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 *	Source	Air Contaminant	Emission Rates	
Point No. (1)	Name (2)	Name (3)	lb/hr	TPY
STK	Raw Material Stockpiles (4) 0.72	PM	-	-
		PM <sub>10</sub>	-	0.36
1-6	Raw Material Handling (4)	PM	0.096	0.42
		PM <sub>10</sub>	0.022	0.10
7	Kiln No. 1 Baghouse	PM <sub>10</sub>	5.914	25.91
		SO <sub>2</sub>	21.650	94.75
		NO <sub>x</sub>	4.000	17.53
		CO	7.500	32.86
		VOC	0.290	1.29
8	Kiln No. 2 Baghouse	PM <sub>10</sub>	5.914	25.91
		SO <sub>2</sub>	21.650	94.75
		NO <sub>x</sub>	4.000	17.53
		CO	7.500	32.86
		VOC	0.290	1.29
11	Product Handling Baghouse	PM <sub>10</sub>	1.029	4.51
12	Product Conveyor (4)	PM	0.290	1.27
		PM <sub>10</sub>	0.140	0.61
13	Product Handling Baghouse	PM <sub>10</sub>	1.029	4.51
14	Product Loadout Baghouse	PM <sub>10</sub>	0.171	0.75

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C-1, C-2, C-3, C-4, 0.447 C-6, and C-7 Handling (4)	Solid Fuel Materials 0.13 PM <sub>10</sub>	PM 0.215 0.06
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Emission *	Source	Air Contaminant	Emission Rates	
Point No. (1)	Name (2)	Name (3)	lb/hr	TPY
C-5	Solid Fuel Silo Baghouse Stack <0.01	PM <sub>10</sub>		0.005
C-8	Solid Fuel Baghouse Stack	PM <sub>10</sub>	0.005	<0.01
C-9	Solid Fuel Baghouse Stack	PM <sub>10</sub>	0.005	<0.01
C-STK	Solid Fuel Stockpiles (4)	PM	-	0.36
		PM <sub>10</sub>	-	0.18

(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

suspended particulate matter (including PM<sub>10</sub>)

PM<sub>10</sub> - 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.

SO<sub>2</sub> - sulfur dioxide

NO<sub>x</sub> - total oxides of nitrogen

CO - carbon monoxide

VOC - volatile organic compounds

(4) Fugitive emissions are an estimate only.

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

Solid Fuel Handling: 50 tons/hour and 16,352 tons/year

Each Lime Kiln: 400 tons/day

Hours/Year: 8,760

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