EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 23214

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
1	Kiln No. 1 - Wet Scrubber Stack	PM_{10}	27.90	122.30
		VOC	0.29	1.27
		NO_x	100.00	438.00
		SO_2	58.30	255.40
		CO	25.00	109.50
		H_2SO_4	0.64	2.80
2**	Hydrator Lime - Scrubber	PM_{10}	3.0	3.0
8	1617 Crusher and Conveyor - Baghouse	PM_{10}	0.21	0.94
9	1627 Screening and Conveying - Baghouse	PM_{10}	0.21	0.94
10	Quicklime Loadout - Baghouse	PM_{10}	0.6	1.75
11	Quicklime Silos - Baghouse	PM_{10}	0.13	0.56
12	515 Rock Crusher - Baghouse	PM_{10}	0.21	0.94
13	Blending/Truck Loadout - Baghouse	PM_{10}	1.71	5.01

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates * lb/hr	TPY
14	Dolomitic Lime Silo - Baghouse	PM_{10}	0.09	0.38
15	720 Hydrator Air Separator - Baghouse	PM_{10}	1.30	1.30
16	Hydration Silo Vent - Baghouse	PM_{10}	0.09	0.09
17	Silo Bin Vent - Baghouse	PM_{10}	0.04	0.04
18	Hydrated Lime Truck Loadout - Baghouse	PM_{10}	0.09	0.04
23	Railcar Loading - Baghouse	PM_{10}	0.21	0.86
24	Railcar Loading - Baghouse	PM_{10}	0.04	0.17
REJSILO	Reject Silo Vent - Baghouse	PM_{10}	0.13	0.06
CRUSH1	Limestone Crusher (4)	PM PM_{10}	0.02 0.01	0.03 0.01
SCRN1	Primary Screen - Baghouse	PM_{10}	0.29	0.38
SCRN2	Secondary Screen - Baghouse	PM_{10}	0.11	0.14
Fug-1	Limestone Material (4) Handling	PM PM_{10}	0.79 0.32	1.02 0.41

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates * lb/hr	TPY
CC-1	Coke Crusher (4)	PM	0.72	0.04
		PM_{10}	0.36	0.02
Fug-2, Fug-3	Coal/Coke Handling (4)	PM	0.04	0.28
		PM_{10}	0.02	0.14
Fug-2, Fug-3	Coal Stockpiles (4) (Rail and Plant Areas)	PM		0.91
		PM_{10}		0.46

(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 suspended in the atmosphere, including PM_{10}
PM_{10} - particulate matter less than or equal to 10 microns in diameter. Where PM is not listed, it shall be assumed that no particulate matter greater than 10 microns is emitted.
VOC - volatile organic compounds as defined in General Rule 101.1
NO_x - total oxides of nitrogen
SO_2 - sulfur dioxide
CO - carbon monoxide
H_2SO_4 - sulfuric acid
(4) Fugitive emissions are an estimate only.

** Emission rates are based on and the facilities are limited by the maximum hourly hydrated lime production rate of 15 tons and a maximum annual hydrated lime production rate of 60,000 tons.

Note: 60,000 tons/year is the maximum production rate of hydrated lime from any one kiln or any combination of kilns.

* Emission rates are based on and the facilities are limited by the

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AIR CONTAMINANTS DATA

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

maximum hourly lime production rate of 12.5 tons and maximum annual lime production rate of 109,500 tons. Fuel for the kiln shall be a mixture of coke, coal, and natural gas. The total sulfur being fed to the kiln shall not exceed 292 pounds per hour.

This facility shall comply with the following schedule:

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

Dated_____