

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 2528A

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	<u>Emission Rates</u>	
Point No. (1)	Name (2)	Name (3)	lb/hr	TPY
1A	Truck Dump to Apron Feeder (4)	PM	0.005	0.004
		PM ₁₀	0.003	0.002
1B	Apron Feeder Drop to Primary Screen (4)	PM	0.005	0.004
		PM ₁₀	0.003	0.002
1C	Primary Screen/Drop to Conveyor Belt/Jaw Crusher (4)	PM	1.26	1.09
		PM ₁₀	0.13	0.11
1D	Jaw Crusher (4)	PM	0.004	0.004
		PM ₁₀	0.002	0.002
1E	Conveyor Belt/Secondary 1.10 Screen (4)		PM	1.27
		PM ₁₀	0.14	0.11
1F	Impact Crusher (4)	PM	0.004	0.003
		PM ₁₀	0.002	0.002
2A	Conveyor Belt/ Radial Stacker (4)	PM PM ₁₀	1.95	1.69
2B	Front End Loader Drop to Feeder Bin (4)	PM	4.50	3.90
		PM ₁₀	2.25	1.95
2C	Feeder Bin Drop to Conveyor Belt (4)	PM	1.00	0.85
		PM ₁₀	0.50	0.43

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Emission * Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lb/hr	TPY
3A	Dryer Baghouse	PM ₁₀	0.59	1.84
3B	Air Separator Baghouse 0.92		PM ₁₀	0.29
3C	Roller Mill Baghouse	PM ₁₀	0.21	0.22
3D	Truck Loading (4)	PM ₁₀	0.21	0.22
3E	Railcar Loading Baghouse 0.22		PM ₁₀	0.21
3F	Storage Bin (4)	PM ₁₀	0.21	0.65
4A	Ball Mill Baghouse	PM ₁₀	0.21	0.65
4B	Ball Mill Feed Silo No. 1 0.11		PM ₁₀ (4)	0.21
4C	Ball Mill Feed Silo No. 2 0.11		PM ₁₀ (4)	0.21
4D	Product Silo (4)	PM ₁₀	0.21	0.65
4E	Microsizer Feed Silo (4) 0.22		PM ₁₀	0.21
4F	Product Silo (4)	PM ₁₀	0.21	0.22
4G	Product Silo (4)	PM ₁₀	0.21	0.22
4H	Waste Bin (4)	PM ₁₀	0.21	0.11

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			lb/hr	TPY
4I	Blow-off Bin (4)	PM ₁₀	0.21	0.11
4J	Truck Bin (4)	PM ₁₀	0.21	0.11
5A	Bagging Plant Baghouse	PM ₁₀	0.21	0.22
5B	Bagger Bin (4)	PM ₁₀	0.21	0.11
5C	Bagger Bin (4)	PM ₁₀	0.21	0.11
6	Rail Loadout Baghouse	PM ₁₀	0.10	0.10
7	Rail Bin Baghouse	PM ₁₀	0.10	0.10
	Stockpiles/Roads (4)	PM ₁₀	2.00	6.16

(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 PM₁₀.
PM₁₀ - 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.

(4) Fugitive emissions are an estimate.

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

Hrs/day 24 Days/week 5 Weeks/year 52 or Hrs/year 6,240

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<u>Point No. (1)</u>	<u>Name (2)</u>	<u>Name (3)</u>	<u>lb/hr</u>	<u>TPY</u>

Based on a maximum hourly production rate of 41.67 tons and a maximum annual rate of 260,000 tons of limestone processed.

Dated _____