

## EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

### AIR CONTAMINANTS DATA

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

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Permit Number 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 Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	TPY
1A, B, C, and D	Primary Crushing System (4)	PM	0.07	0.3
		PM <sub>10</sub>	0.032	0.14
1E and F	Secondary Crushing System (4)	PM	0.4	1.6
		PM <sub>10</sub>	0.2	0.8
2A, B, and C	Stockpiles (4) Granular Feed System	PM	--	0.8
		PM <sub>10</sub>	--	0.4
BH-1	Baghouse Rotary Dryer	PM <sub>10</sub>	2.14	9.4
		SO <sub>2</sub>	3.15	13.75
		NO <sub>x</sub>	9.19	40.23
		CO	2.10	9.20
		VOC	0.21	0.94
BH-2	Baghouse Screen Tower, Silos 1, 4, 7, and 8	PM <sub>10</sub>	0.34	1.5
BH-3	Baghouse Roller Mill	PM <sub>10</sub>	0.34	1.5

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BH-7	Baghouse Truck Loadout	PM <sub>10</sub>	0.21	0.9
BH-8	Baghouse Rail Loadout	PM <sub>10</sub>	0.21	0.9
BV-9	Binvent Silo 9	PM <sub>10</sub>	0.09	0.4
BH-4	Baghouse Ball Mills 1 and 2	PM <sub>10</sub>	1.2	5.3
BV-B	Binvent Silo B	PM <sub>10</sub>	0.13	0.6
BV-C	Binvent Silo C	PM <sub>10</sub>	0.13	0.6
BV-D	Binvent Silos A, D, E	PM <sub>10</sub>	0.17	0.8
BV-10	Binvent Silos 10, 11	PM <sub>10</sub>	0.09	0.4
BV-F	Binvent Silo F	PM <sub>10</sub>	0.13	0.6
BH-6	Baghouse Bagging, BB 3, Silos 2, 6A, and 6B	PM <sub>10</sub>	0.34	1.5
BV-18	Binvent Weigh Bin 2	PM <sub>10</sub>	0.09	0.4
BV-20	Binvent Weigh Bin 3	PM <sub>10</sub>	0.09	0.4
BH-LO	Baghouse Weigh Bins 5 and 6,	PM <sub>10</sub>	0.34	1.5

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	Truck Loadout, Silo 3			
BH-16	Baghouse Baggers	PM <sub>10</sub>	0.3	1.3
BV-14	Binvent Bag Bin 1	PM <sub>10</sub>	0.09	0.4
BV-15	Binvent Bag Bin 2	PM <sub>10</sub>	0.09	0.4
BV-5	Binvent Rail Loadout, Silo 5	PM <sub>10</sub>	0.34	1.5
BV-19	Binvent Loadout	PM <sub>10</sub>	0.09	0.4
BV-17	Binvent Weigh Bin 1	PM <sub>10</sub>	0.09	0.4
BV-21	Binvent Weigh Bin 4	PM <sub>10</sub>	0.14	0.6

- (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<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 PM greater than 10 microns is emitted.  
 SO - sulfur dioxide  
 NO<sub>x</sub> - nitrogen oxide  
 CO - carbon monoxide  
 VOC - volatile organic compound
- (4) Fugitive emissions are an estimate.

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\* 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

Based on a maximum hourly production rate of 275 tons and a maximum annual rate of 500,000 tons of limestone processed.

Dated March 24, 2005