

## EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 8726

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)	<u>Emission Rates *</u>	
			<u>lb/hr</u>	<u>TPY</u>
24	Body Prep/Material Storage 0.87 Baghouse Stack	PM <sub>10</sub>		0.29
25	50-Inch Raymond Mill Baghouse Stack	PM <sub>10</sub> VOC NO <sub>x</sub> CO SO <sub>2</sub>	0.60 0.02 0.46 0.10 0.07	1.22 0.05 0.94 0.20 0.13
50	60-Inch Raymond Mill Baghouse Stack	PM <sub>10</sub> VOC NO <sub>x</sub> CO SO <sub>2</sub>	1.29 0.05 0.95 0.20 0.14	3.92 0.15 2.90 0.61 0.41
51	Material Silos and Weigh Bins 9.01 Baghouse Stack	PM <sub>10</sub>		2.06
73	Railcar Unloading Baghouse Stack	PM <sub>10</sub>	0.02	0.004
69	Raw Materials Silos Baghouse Stack	PM <sub>10</sub>	1.29	5.63
83	Screening/Pressing Baghouse Stack	PM <sub>10</sub>	0.37	1.64
82	Spray Dryer Baghouse Stack	PM <sub>10</sub> VOC NO <sub>x</sub>	0.62 0.03 1.50	1.90 0.09 4.54

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			<u>lb/hr</u>	<u>TPY</u>
		CO	0.37	1.13
		SO <sub>2</sub>	0.15	0.46
88	Tile Glaze Baghouse Stack	PM <sub>10</sub>	0.49	2.11
89	Raw Material Storage Baghouse Stack	PM <sub>10</sub>	0.04	0.05
84	Tile Dryer	PM <sub>10</sub>	0.23	1.02
		VOC	0.004	0.02
		NO <sub>x</sub>	0.08	0.35
		CO	0.02	0.07
		SO <sub>2</sub>	0.01	0.05
85	Tile Dryer	PM <sub>10</sub>	0.23	1.02
		VOC	0.004	0.02
		NO <sub>x</sub>	0.08	0.35
		CO	0.02	0.07
		SO <sub>2</sub>	0.01	0.05
86	Bisque/Gloss Roller Kiln	PM <sub>10</sub>	1.18	5.19
		VOC	0.04	0.18
		NO <sub>x</sub>	1.21	5.29
		CO	0.73	3.18
		SO <sub>2</sub>	0.11	0.48
		HF	0.22	0.98
87	Bisque/Gloss Roller Kiln	PM <sub>10</sub>	1.18	5.19
		VOC	0.04	0.18
		NO <sub>x</sub>	1.21	5.29
		CO	0.73	3.18
		SO <sub>2</sub>	0.11	0.48
		HF	0.22	0.98
90	Blunger Silo Bin Vent	PM <sub>10</sub>	0.04	0.06

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	<u>Emission Rates *</u>	
			<u>lb/hr</u>	<u>TPY</u>
91	Blunger Silo Bin Vent	PM <sub>10</sub>	0.04	0.06
92	Crusher Baghouse Stack	PM <sub>10</sub>	0.39	0.98

- (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<sub>10</sub> - particulate matter less than 10 microns in diameter  
VOC - volatile organic compounds as defined in General Rule 101.1  
NO<sub>x</sub> - total oxides of nitrogen  
CO - carbon monoxide  
SO<sub>2</sub> - sulfur dioxide  
HF - hydrogen fluoride

\* 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

Two Double Kilns capacity: Tons/hour 5.0 Tons/year 43,000

Dated \_\_\_\_\_