

# EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 25745

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>	
			lb/hr	TPY
B-1	Raw Material Silo No. 1 Baghouse Stack	TSP	0.047	0.197
		PM <sub>10</sub>	0.047	0.197
B-2	Raw Material Silo No. 2 Baghouse Stack	TSP	0.047	0.197
		PM <sub>10</sub>	0.047	0.197
B-3	Raw Material Silo No. 3 Baghouse Stack	TSP	0.047	0.197
		PM <sub>10</sub>	0.047	0.197
S-1	Glaze Application Venturi Scrubber Stack	TSP	0.700	2.940
		PM <sub>10</sub>	0.700	2.940
GAS-1	Roller Kiln Stack	TSP	0.019	0.080
		PM <sub>10</sub>	0.019	0.080
		SO <sub>2</sub>	0.0023	0.0955
		NO <sub>x</sub>	2.080	8.750
		CO	0.150	0.640
		VOC	0.0064	0.027
		HF	0.028	0.120
GAS-2	Roller Dryer Stack	TSP	0.0032	0.014
		PM <sub>10</sub>	0.0032	0.014
		SO <sub>2</sub>	0.00038	0.0016
		NO <sub>x</sub>	0.360	1.470
		CO	0.025	0.110
		VOC	0.0011	0.0045

(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.

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- (3) TSP - total suspended particulate matter including PM<sub>10</sub>  
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  
SO<sub>2</sub> - sulfur dioxide  
CO - carbon monoxide  
HF - hydrogen fluoride
- (4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.

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

Hrs/day 24 Days/week 7 Weeks/year 52

Roller Kiln Throughput: Tons/hour 1.65 Tons/year 14,500

Dated\_\_\_\_\_

