

# EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 26080

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
1	Raw Material Unloading and Storage Baghouse Stack	TSP	0.594	0.174
		PM <sub>10</sub>	0.594	0.174
2	Scrap Tile Processing and Weigh/Feed Baghouse Stack	TSP	1.009	1.010
		PM <sub>10</sub>	1.009	1.010
3	Material Storage/ Screening/Pressing Baghouse Stack	TSP	0.736	2.894
		PM <sub>10</sub>	0.736	2.894
4	Glaze Prep/Processing Baghouse Stack	TSP	0.309	0.738
		PM <sub>10</sub>	0.309	0.738
5	Tile Dryer No. 1	TSP	0.010	0.042
		PM <sub>10</sub>	0.010	0.042
		VOC	0.003	0.013
		NO <sub>x</sub>	0.080	0.349
		CO	0.017	0.073
		SO <sub>2</sub>	0.011	0.050
6	Tile Dryer No. 2	TSP	0.010	0.042
		PM <sub>10</sub>	0.010	0.042
		VOC	0.003	0.013
		NO <sub>x</sub>	0.080	0.349
		CO	0.017	0.073
		SO <sub>2</sub>	0.011	0.050
7	Biscuit Kiln No. 1	TSP	0.518	2.261
		PM <sub>10</sub>	0.518	2.261

## EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

VOC	0.015	0.064
NO <sub>x</sub>	0.647	2.827
CO	0.388	1.696
SO <sub>2</sub>	0.055	0.238
HF	0.104	0.455

## AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	TPY
8	Biscuit Kiln No. 2	TSP	0.518	2.261
		PM <sub>10</sub>	0.518	2.261
		VOC	0.015	0.064
		NO <sub>x</sub>	0.647	2.827
		CO	0.388	1.696
		SO <sub>2</sub>	0.055	0.238
		HF	0.104	0.455
9	Gloss Kiln No. 1	TSP	0.292	1.274
		PM <sub>10</sub>	0.292	1.274
		VOC	0.011	0.050
		NO <sub>x</sub>	0.365	1.592
		CO	0.219	0.955
		SO <sub>2</sub>	0.043	0.186
		HF	0.099	0.433
10	Gloss Kiln No. 2	TSP	0.292	1.274
		PM <sub>10</sub>	0.292	1.274
		VOC	0.011	0.050
		NO <sub>x</sub>	0.365	1.592
		CO	0.219	0.955
		SO <sub>2</sub>	0.043	0.186
		HF	0.099	0.433
11	Spray Dryer Scrubber	TSP	3.072	3.581
		PM <sub>10</sub>	3.072	3.581
		VOC	0.061	0.071
		NO <sub>x</sub>	3.055	3.561
		CO	0.764	0.890
		SO <sub>2</sub>	0.312	0.363

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

12	Tile Glaze Scrubber	TSP	0.451	1.642
		PM <sub>10</sub>	0.451	1.642

- (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) TSP - total suspended particulate matter including PM10  
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 flouride
- (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:

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

Kiln capacity : Tons/hour 4.4 Tons/year 38,134

Dated\_\_\_\_\_

