

# EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 21012

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**
CD-1-BH-1	Clay Dryer Baghouse Stack	PM <sub>10</sub>	1.96	8.57
		NO <sub>x</sub>	3.50	15.30
		CO	14.10	61.80
		SO <sub>2</sub>	0.03	0.12
		VOC	0.26	1.13
		TOC	0.516	2.26
GS-1-BH-2	Grinding Circuit Baghouse Stack	PM <sub>10</sub>	1.13	4.96
FB-1	Building 1 (4)	PM	0.15	0.67
		PM <sub>10</sub>	0.15	0.67
FB-2	Building 2 (4)	PM	0.09	0.39
		PM <sub>10</sub>	0.04	0.18
FB-3	Building 3 (4)	PM	0.31	1.36
		PM <sub>10</sub>	0.31	1.36
SP1	Stockpile 1 (4)	PM	----	0.29
		PM <sub>10</sub>	----	0.15
SP2	Stockpile 2 (4)	PM	----	0.26
		PM <sub>10</sub>	----	0.13
SP3	Stockpile 3 (4)	PM	----	0.26
		PM <sub>10</sub>	----	0.13
SP4	Stockpile 4 (4)	PM	----	0.61
		PM <sub>10</sub>	----	0.31

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	TPY**
SP5	Stockpile 5 (4)	PM	-----	0.29
		PM <sub>10</sub>	-----	0.15
BSP	Stockpile (4)	PM	-----	0.89
		PM <sub>10</sub>	-----	0.45
CSP	Stockpile (4)	PM	-----	1.05
		PM <sub>10</sub>	-----	0.53
CSF1	Raw Clay Storage Building No.1 (4)	PM	0.74	2.82
		PM <sub>10</sub>	0.37	1.91
CFS2	Raw Clay Storage Building No. 2 (4)	PM	0.21	0.29
		PM <sub>10</sub>	0.11	0.15
MBF	Manufacturing Building (4)	PM	0.05	0.05
		PM <sub>10</sub>	0.03	0.03
K	Kiln Scrubber Stack	PM <sub>10</sub>	14.05	61.37
		SO <sub>2</sub>	23.14	101.08
		HF	1.39	6.08
		NO <sub>x</sub>	8.85	36.67
		CO	20.18	88.15
		VOC	0.53	2.32
		HCl	3.78	16.56

- (1) Emission point identification - either specific equipment designation or emission point number from a plot plan.
- (2) Specific point source names. For fugitive sources, use an area name or fugitive source name.

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- (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 particulate matter greater than 10 microns is emitted.  
NO<sub>x</sub> - total oxides of nitrogen  
CO - carbon monoxide  
SO<sub>2</sub> - sulfur dioxide  
VOC - volatile organic compounds as defined in 30 Texas Administrative Code Section 101.1  
TOC - total organic compounds  
HF - hydrogen fluoride  
HCl - hydrogen chloride  
(4) Fugitive emissions are an estimate only.

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

24 Hrs/day 7 Days/week 52 Weeks/year or 8,760 Hrs/year

\*\* Compliance with annual emission limits is based on a rolling 12-month period.

The maximum allowable fired brick production rate: 22.25 tons/hour

Dated\_\_\_\_\_