

## EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 70081

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**
KS-1	Kiln 1 Stack	VOC	0.13	0.55
		NO <sub>x</sub>	1.84	8.06
		CO	6.30	27.60
		PM	5.04	22.08
		PM <sub>10</sub>	4.57	21.01
		SO <sub>2</sub>	3.52	14.51
		HCl	0.89	3.91
		HF	1.94	8.51
DR-1	Dryer 1 Stack	VOC	0.16	0.69
		PM <sub>10</sub>	0.98	4.30
GSNF	Grinding and Screening (4)	PM	1.70	3.91
		PM <sub>10</sub>	0.11	0.24
GSNB-1	Grinding and Screening Baghouse No. 1 Stack	PM <sub>10</sub>	0.77	3.38
GSNB-2	Grinding and Screening Baghouse No. 2 Stack	PM <sub>10</sub>	0.81	3.57

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- (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.
- (3) VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1  
NO<sub>x</sub> - total oxides of nitrogen  
CO - carbon monoxide  
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.  
SO<sub>2</sub> - sulfur dioxide  
HCl - hydrogen chloride  
HF - hydrogen fluoride
- (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.

Maximum Allowable Production Rate: 5.25 tons of brick/hour and 46,000 tons of brick/year

Dated January 21, 2004