

## EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 48992

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
OK-1	Tunnel Kiln Stack	PM	9.36	41.00
		PM <sub>10</sub>	8.48	37.15
		SO <sub>2</sub>	24.71	108.21
		NO <sub>x</sub>	3.41	14.95
		VOC	1.50	6.57
		CO	11.70	51.25
		HCl	15.62	59.76
GS-OLD	Grinding Plant Fugitives (4)	HF	4.13	17.43
		PM	6.39	4.11
		PM <sub>10</sub>	0.40	0.26
DR-OLD	Dryer Exhaust	PM <sub>10</sub>	1.82	7.99
		VOC	0.29	1.28
GSB	Grinding Plant Baghouse Stack	PM <sub>10</sub>	2.36	9.87

- (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 - 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  
 NO<sub>x</sub> - total oxides of nitrogen  
 VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1  
 CO - carbon monoxide  
 HCl - hydrogen chloride  
 HF - hydrogen fluoride
- (4) Fugitive emissions are an estimate only.

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

- \* 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  
4,000 Hrs/year for the grinding and screening, and  
8,760 Hrs/year for the brick dryer and tunnel kiln.

Maximum Allowable Production Rates:	Tunnel Kiln	<u>9.95</u> tph	<u>88,000</u> tpy
Grinding	<u>45</u> tph and	<u>88,000</u> tpy	
Total Brick Plant	<u>9.95</u> tph	<u>88,000</u> tpy	

Dated July 18, 2003