

# EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 56494

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
KILN	Tunnel Kiln Stack	PM	3.37	11.74
		PM <sub>10</sub>	3.03	10.57
		VOC	0.65	2.46
		SO <sub>2</sub>	9.59	38.09
		CO	3.38	13.87
		NO <sub>x</sub>	1.47	5.88
		HF	5.88	23.04
		HCl	1.81	6.85
DRYER	Brick Dryer Stack	PM	2.51	8.33
		PM <sub>10</sub>	2.26	7.49
		VOC	3.49	11.99
		SO <sub>2</sub>	1.93	7.24
		CO	1.07	3.38
		NO <sub>x</sub>	0.25	0.50
		HF	2.09	6.59
		HCl	0.14	0.41
BMFUG	Extruder and Manganese Buildings Fugitives (4) (Brick Making Operations)	PM	0.20	0.14
		PM <sub>10</sub>	0.10	0.07
GSFUG	Clay Storage Shed Fugitives (4) (Grinding and Screening Operations)	PM	0.24	0.16
		PM <sub>10</sub>	0.02	0.03
STKPLSO1	Outdoor Stockpiles N Fugitives (8 Acres) (4)	PM	--	1.96
		PM <sub>10</sub>	--	0.98
STKPLSO2	Outdoor Stockpiles S Fugitives (0.8 Acres) (4)	PM	--	0.58
		PM <sub>10</sub>	--	0.29

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	TPY
STKPLSI	Indoor Stockpile Fugitives (1.8 Acres) (4)	PM	--	0.20
		PM <sub>10</sub>	--	0.10

(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

SO<sub>2</sub> - sulfur dioxide

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.

CO - carbon monoxide

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:

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

Dated July 12, 2005