

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

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Permit Number 56493

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-STK	Main Kiln Stack	PM	7.67	33.60
		PM ₁₀	6.95	30.45
		SO ₂	33.23	145.53
		NO _x	2.80	12.25
		CO	9.59	42.00
		VOC	0.50	2.17
		HF	6.87	30.10
		HCl	1.27	5.57
DRY-STK	Dryer Vent Stack	PM	1.49	6.55
		PM ₁₀	1.12	4.90
		VOC	0.40	1.75
HR-VENT1	Holding Room Vent No. 1	PM	0.08	0.33
		PM ₁₀	0.06	0.25
		VOC	0.02	0.09
HR-VENT2	Holding Room Vent No. 2	PM	0.08	0.33
		PM ₁₀	0.06	0.25
		VOC	0.02	0.09
BH-VNT	Crusher Baghouse (4)	PM	0.37	0.22
		PM ₁₀	0.22	0.13
GS-FUG	Grinding and Screening Fugitives (4)	PM	0.15	0.09
		PM ₁₀	0.02	0.01

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SP-FUG	Stockpile Fugitives (4)	PM	--	0.54
		PM ₁₀	--	0.27

CLAYST-FUG	Clay Storage Stockpile	PM	--	0.15
	Fugitives (4)	PM ₁₀	--	0.09

(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 PM₁₀
 PM₁₀ - 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.

SO₂ - sulfur dioxide

NO_x - total oxides of nitrogen

CO - carbon monoxide

VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1

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:

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

Maximum Allowable Throughput:

Kiln: 7.99 tons per hour and 70,000 tons per year of fired brick

Grinding and Screening Room: 60 tons per hour and 70,000 tons per year of fired brick

Dated January 24, 2005