

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 25937

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
1	Dust Collector No. 8 Exhaust Stack (Raw Material Prep Area)	PM/PM ₁₀	0.5	2.12
2	Holding Room Stack	PM/PM ₁₀	1.3	3.8
		SO ₂	0.86	3.82
		CO	1.16	5.03
		NO _x	0.15	0.75
		VOC	0.45	1.91
		HF	0.15	0.71
		HCl	0.04	0.15
3	Dryer Stack	PM/PM ₁₀	0.66	2.91
		SO ₂	0.73	3.18
		CO	3.8	16.3
		NO _x	0.13	0.63
		VOC	1.25	3.75
		HF	0.14	0.60
		HCl	0.03	0.13
4	Dryer Stack	PM/PM ₁₀	0.66	2.91
		SO ₂	0.73	3.18
		CO	3.8	16.3
		NO _x	0.13	0.63
		VOC	1.25	3.75
		HF	0.14	0.60
		HCl	0.03	0.13

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	<u>Emission Rates</u>	
			lb/hr	TPY
5	Dryer Stack	PM/PM ₁₀	0.66	2.91
		SO ₂	0.73	3.18
		CO	3.8	16.3
		NO _x	0.13	0.63
		VOC	1.25	3.75
		HF	0.14	0.60
		HCl	0.03	0.13
6	Kiln Stack	PM/PM ₁₀	12.5	54.8
		SO ₂	21.4	93.6
		CO	37.5	163.8
		NO _x	6.3	27.4
		VOC	15.0	65.8
		HF	0.23	1.00
		HCl	0.20	0.88

(1) Emission point identification - either specific equipment designation or emission point number from plot plan.

(2) Specific point 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

CO - carbon monoxide

NO_x - oxides of nitrogen

VOC - volatile organic compounds

HF - hydrogen fluoride

HCl - hydrogen chloride

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

Manufacturing:

Not to exceed 3,000 hrs/yr

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 Holding, Drying, and Kiln Firing:

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

 Production Rate: 75,000,000 Brick Equivalents per year

Dated _____