

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 9009

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	Kiln Baghouse	PM/PM ₁₀	3.07	13.43
		VOC	0.56	2.50
		NO _x	9.10	39.86
		SO ₂	1.43	6.26
		CO	17.65	77.30
		HCl	1.86	7.32
3C	Bin Vent Dust Collector	PM/PM ₁₀	**	**
		VOC	**	**
		NO _x	**	**
		SO ₂	**	**
		CO	**	**
		HCl	**	**
2B	Reject Stone Silo Baghouse	PM/PM ₁₀	0.17	0.75
2C	Kiln Stone Feed Hopper Baghouse	PM/PM ₁₀	0.17	0.75
2D	Product Feed Baghouse	PM/PM ₁₀	0.34	1.50
3A	Product Silo Baghouse	PM/PM ₁₀	0.34	1.50
3B	Product Load-Out Baghouse	PM/PM ₁₀	0.86	3.75
4A	Product Screening Baghouse	PM/PM ₁₀	0.57	2.50
4B	Product Conveyor Baghouse	PM/PM ₁₀	0.51	2.25
6	Product Crusher Baghouse	PM/PM ₁₀	0.51	2.25

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			<u>lb/hr</u>	<u>TPY</u>
9A	Stockpiles (4)	PM	2.24	2.34
		PM ₁₀	0.79	0.82
10	Mill Dust Collector	PM/PM ₁₀	0.39	1.71
11	Silo and Load Out Dust Collector	PM/PM ₁₀	0.26	1.14
12	Milled Product Loading Fugitives (4)	PM	0.92	0.09
		PM ₁₀ 0.51	0.05	

(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 - suspended particulate matter (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.

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

NO_x - total oxides of nitrogen

SO₂ - sulfur dioxide

CO - carbon monoxide

HCl - hydrochloric acid

(4) Fugitive emissions are an estimate only.

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

8,760 Hrs/year

** Total emissions from the kiln and new dust collector will not exceed the values shown for the kiln.

Dated June 19, 2007