

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, sources, and related activities. 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 (5)	
			lb/hour	TPY (4)
1	Kiln Baghouse	PM	3.07	13.43
		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	(6)	(6)
		PM ₁₀	(6)	(6)
		VOC	(6)	(6)
		NO _x	(6)	(6)
		SO ₂	(6)	(6)
		CO	(6)	(6)
		HCl	(6)	(6)
2B	Reject Stone Silo Baghouse	PM	0.17	0.75
		PM ₁₀	0.17	0.75
2C	Kiln Stone Feed Hopper Baghouse	PM	0.17	0.75
		PM ₁₀	0.17	0.75
2D	Product Feed Baghouse	PM	0.34	1.50
		PM ₁₀	0.34	1.50
3A	Product Silo Baghouse	PM	0.34	1.50
		PM ₁₀	0.34	1.50
3B	Product Load-Out Baghouse	PM	0.57	2.50
		PM ₁₀	0.57	2.50
4A	Product Screening Baghouse	PM	0.57	2.50

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		PM ₁₀	0.57	2.50
6	Product Crusher Baghouse	PM	0.51	2.25
		PM ₁₀	0.51	2.25
9A	Stockpiles (7)	PM	--	2.17
		PM ₁₀	--	1.09
10	Mill Dust Collector	PM	0.39	1.71
		PM ₁₀	0.39	1.71
11	Silo and Load Out Dust Collector	PM	0.26	1.14
		PM ₁₀	0.26	1.14
12	Milled Product Loading Fugitives (7)	PM	0.92	0.09
		PM ₁₀	0.51	0.05
13	Product Silos Loading Fugitives (7)	PM	1.83	0.67
		PM ₁₀	1.02	0.37
14	Rejected Stone Truck Loading Fugitives (7)	PM	1.40	1.02
		PM ₁₀	0.65	0.47

- (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) VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
NO_x - total oxides of nitrogen
SO₂ - sulfur dioxide
PM - total particulate matter, suspended in the atmosphere, including PM₁₀ and PM_{2.5}, as represented
PM₁₀ - total particulate matter equal to or less than 10 microns in diameter, including PM_{2.5}, as represented
PM_{2.5} - particulate matter equal to or less than 2.5 microns in diameter
CO - carbon monoxide
HCl - hydrochloric acid
- (4) Compliance with annual emission limits (tons per year) is based on a 12 month rolling period.
- (5) Planned startup and shutdown emissions are included.
- (6) Total emissions from the kiln and new dust collector will not exceed the values shown for the kiln.
- (7) Emission rate is an estimate and is enforceable through compliance with the applicable special condition(s) and permit application representations.

Date: December 18, 2013