

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 Stack FIN (2500)	PM	3.68	16.11
		PM ₁₀	3.68	16.11
		PM _{2.5}	1.80	7.89
		VOC	0.56	2.50
		NO _x	9.10	39.86
		SO ₂	1.43	6.26
		CO	17.65	77.30
		HCl	2.24	9.83
3C	Bin Vent Dust Collector Stack FIN (2635)	PM	(6)	(6)
		PM ₁₀	(6)	(6)
		PM _{2.5}	(6)	(6)
		VOC	(6)	(6)
		NO _x	(6)	(6)
		SO ₂	(6)	(6)
		CO	(6)	(6)
		HCl	(6)	(6)
2B	Reject Stone Silo Baghouse Stack FIN (2322)	PM	0.17	0.75
		PM ₁₀	0.17	0.75
		PM _{2.5}	0.08	0.37
2C	Kiln Stone Feed Hopper Baghouse Stack FIN (2501)	PM	0.17	0.75
		PM ₁₀	0.17	0.75
		PM _{2.5}	0.08	0.37
2D	Product Feed Baghouse Stack FIN (2513)	PM	0.34	1.50
		PM ₁₀	0.34	1.50
		PM _{2.5}	0.17	0.74

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3A	Product Silo Baghouse Stack FIN (2645)	PM	0.34	1.50
		PM ₁₀	0.34	1.50
		PM _{2.5}	0.17	0.74
3B	Product Load-Out Baghouse Stack FIN (2660)	PM	0.57	2.50
		PM ₁₀	0.57	2.50
		PM _{2.5}	0.28	1.23
4A	Product Screening Baghouse Stack FIN (2627)	PM	0.57	2.50
		PM ₁₀	0.57	2.50
		PM _{2.5}	0.28	1.23
6	Product Crusher Baghouse Stack FIN (2617)	PM	0.51	2.25
		PM ₁₀	0.51	2.25
		PM _{2.5}	0.25	1.10
9A	Stockpiles (7)	PM	--	2.17
		PM ₁₀	--	1.09
		PM _{2.5}	--	0.16
10	Mill Dust Collector Stack FIN (1006)	PM	0.39	1.71
		PM ₁₀	0.39	1.71
		PM _{2.5}	0.19	0.84
11	Silo and Load Out Dust Collector Stack FIN (2665)	PM	0.26	1.14
		PM ₁₀	0.26	1.14
		PM _{2.5}	0.13	0.56
12	Milled Product Loading Fugitives (7) FIN (2653)	PM	0.09	0.08
		PM ₁₀	0.05	0.04
		PM _{2.5}	0.02	0.02
13	Product Silos Loading Fugitives (7) FIN (2660)	PM	0.18	0.08
		PM ₁₀	0.10	0.04
		PM _{2.5}	0.05	0.02
14	Rejected Stone Truck Loading Fugitives (7) FIN (2323)	PM	1.40	1.09
		PM ₁₀	0.65	0.51
		PM _{2.5}	0.10	0.08
DC-2684	Lime Product Crusher Dust Collector Stack FINs (2680, 2681, 2682, and 2683)	PM	0.08	0.29
		PM ₁₀	0.08	0.29
		PM _{2.5}	0.04	0.14

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SCR	Stone Feed Screen Fugitives (7)	PM	0.31	1.36
	FINs (2502 and 2503-1)	PM ₁₀	0.11	0.48
		PM _{2.5}	0.02	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)
 - 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. Maintenance activities are not authorized by this permit.
- (6) Total emissions from the kiln and the dust collector exhausting at EPN 3C shall not exceed the values shown for the Kiln Baghouse Stack (EPN 1).
- (7) Emission rate is an estimate and is enforceable through compliance with the applicable special condition(s) and permit application representations.

Date: October 3, 2017