

Emission Sources - Maximum Allowable Emission Rates

Permit Number 49046

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 (4)	
			lbs/hour	TPY (5)
S-A-2	Crusher Baghouse	PM	1.89	8.26
		PM ₁₀	1.89	8.26
F-A-4	Raw Materials Drop to Crusher Hopper (6)	PM	2.92	8.66
		PM ₁₀	1.38	2.05
F-A-9	Raw Storage Building Drops (6)	PM	1.46	4.33
		PM ₁₀	0.69	2.05
F-A-15	Front End Loader Drop to Sand Pile (6)	PM	0.03	0.05
		PM ₁₀	0.01	0.03
F-C-13	Clinker Barn Fugitives (6)	PM	0.49	1.71
		PM ₁₀	0.23	0.81
F-C-14	Clinker Belt (6)	PM	0.49	1.71
		PM ₁₀	0.23	0.81
F-E-10	Rail Loadout Fugitives (6)	PM	0.49	1.71
		PM ₁₀	0.23	0.81
S-B-1	No. 1 Raw Mill Baghouse	PM	2.02	8.86
		PM ₁₀	2.02	8.86
S-B-2	No. 2 Raw Mill Baghouse	PM	2.02	8.86
		PM ₁₀	2.02	8.86
S-B-3	No. 3 Raw Mill Baghouse	PM	2.02	8.86
		PM ₁₀	2.02	8.86
S-B-4	Raw Silo Center Baghouse	PM	0.62	2.71
		PM ₁₀	0.62	2.71
S-B-5	Raw Silo North Baghouse	PM	0.61	2.68
		PM ₁₀	0.61	2.68
S-B-7	No. 1 Raw Auxiliary Baghouse	PM	0.48	2.11
		PM ₁₀	0.48	2.11
S-B-9	No. 2 Raw Auxiliary Baghouse	PM	0.48	2.11
		PM ₁₀	0.48	2.11
S-B-11	No. 3 Raw Auxiliary Baghouse	PM	0.48	2.11
		PM ₁₀	0.48	2.11
S-B-12	BTM Raw Silo North Baghouse	PM	0.34	1.46

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		PM ₁₀	0.34	1.46
S-B-13	BTM Raw Silo Center Baghouse	PM	0.34	1.46
		PM ₁₀	0.34	1.46
S-B-14	BTM Raw Silo South Baghouse	PM	0.34	1.46
		PM ₁₀	0.34	1.46
S-C-12	Clinker Elevators Baghouse	PM	1.03	4.51
		PM ₁₀	1.03	4.51
S-C-26	Clinker Surge Bin Baghouse	PM	0.26	1.13
		PM ₁₀	0.26	1.13
S-D-5	West Finish Silos Baghouse	PM	0.64	2.79
		PM ₁₀	0.64	2.79
S-D-6	East Finish Silos Baghouse	PM	0.64	2.79
		PM ₁₀	0.64	2.79
S-D-7	Masonry Silos Baghouse	PM	0.18	0.76
		PM ₁₀	0.18	0.76
S-D-10	Cement Coolers Baghouse	PM	0.26	1.13
		PM ₁₀	0.26	1.13
S-D-14	South Clinker Drag Baghouse	PM	0.78	3.38
		PM ₁₀	0.78	3.38
S-D-19	North Clinker Drag Baghouse No. 1	PM	0.78	3.38
		PM ₁₀	0.78	3.38
S-D-19b	North Clinker Drag Baghouse No. 2	PM	0.26	1.16
		PM ₁₀	0.26	1.16
S-E-1	Truck Loading Bin Baghouse No. 2	PM	0.42	1.81
		PM ₁₀	0.42	1.81
S-E-2	Truck Loading Spout Baghouse	PM	0.14	0.61
		PM ₁₀	0.14	0.61
S-E-3	Dribble Bin Baghouse	PM	0.19	0.84
		PM ₁₀	0.19	0.84
S-E-4	No. 1 Packing Machine Baghouse	PM	0.74	3.24
		PM ₁₀	0.74	3.24
S-E-5	No. 2 Packing Machine Baghouse	PM	0.74	3.24
		PM ₁₀	0.74	3.24
S-E-6	No. 3 Packing Machine Baghouse	PM	0.74	3.24
		PM ₁₀	0.74	3.24
S-E-7	No. 4 Packing Machine Baghouse	PM	0.74	3.24
		PM ₁₀	0.74	3.24
S-E-8	Truck Loading Bin No. 1 Baghouse	PM	0.13	0.57
		PM ₁₀	0.13	0.57

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S-E-9	Truck Loading Bin No. 3 Baghouse	PM	0.17	0.75
		PM ₁₀	0.17	0.75
S-D-1	No. 1 Finish Mill Baghouse	PM	1.44	7.20
		PM ₁₀	1.44	7.20
S-D-2	No. 2 Finish Mill Separator Baghouse	PM	1.12	5.60
		PM ₁₀	1.12	5.60
S-D-11	No. 2 Finish Mill Baghouse	PM	0.32	1.60
		PM ₁₀	0.32	1.60
S-D-3	No. 3 Finish Mill Baghouse	PM	1.44	7.20
		PM ₁₀	1.44	7.20
S-D-4	No. 4 Finish Mill Baghouse	PM	1.44	7.20
		PM ₁₀	1.44	7.20
SC-31	No. 1 Clinker Cooler Baghouse Stack	PM	4.00	17.50
		PM ₁₀	3.04	13.30
SC-32	No. 2 Clinker Cooler Baghouse Stack	PM	4.00	17.50
		PM ₁₀	3.04	13.30
SC-33	No. 3 Clinker Cooler Baghouse Stack	PM	4.00	17.50
		PM ₁₀	3.04	13.30
MSSFUG	Planned Maintenance Activities (6)	PM	0.79	0.67
		PM ₁₀	0.58	0.66
		PM _{2.5}	0.25	0.33
		VOC	1.57	0.02

- (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 emissions, as defined in Title 30 TAC § 101.1, including PM₁₀ and PM_{2.5}
PM₁₀ - particulate matter emissions equal to or less than 10 microns in diameter, including PM_{2.5}
PM_{2.5} - direct particulate matter emissions equal to or less than 2.5 microns in diameter
- (4) Planned maintenance, startup, and shutdown (MSS) emissions are included.
- (5) Compliance with annual emission limits (tons per year) is based on a 12-month rolling period.
- (6) Fugitive emission rate is an estimate and is enforceable through compliance with the applicable special conditions and permit application representations.

Date: November 4, 2014