

Emission Sources - Maximum Allowable Emission Rates

Permit Number 3025A

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)
E4-1	Cooler Drag Drop	PM	0.90	3.91
		PM ₁₀	0.43	1.85
E4-2	Drag Chain Drop	PM	0.27	1.18
		PM ₁₀	0.13	0.56
E4-3	Cooler Drag Drop	PM	1.34	2.61
		PM ₁₀	0.64	1.24
E4-4	Belt 11 Drop	PM	0.45	0.12
		PM ₁₀	0.22	0.06
E4-5	Belt 12 Overflow Drop	PM	2.98	0.75
		PM ₁₀	1.41	0.36
E4-7	Roll Crusher	PM	0.54	2.37
		PM ₁₀	0.04	0.16
E4-8	Belt 13 Drop	PM	0.45	1.96
		PM ₁₀	0.22	0.93
E4-8a	Belt 13 Emergency Kickout	PM	2.98	0.75
		PM ₁₀	1.41	0.36
E4-9	Belt 32 Drop	PM	0.90	3.91
		PM ₁₀	0.43	0.64
E4-9a	Belt 33 Emergency Kickout	PM	2.05	0.26
		PM ₁₀	0.97	0.13
E4-10	Belt 33 Drop	PM	0.31	1.35
		PM ₁₀	0.15	0.64
E4-13	Finger Belt 29 Drop	PM	1.03	4.48
		PM ₁₀	0.49	2.12
E4-14	Finger Belt 30 Drop	PM	1.03	4.48
		PM ₁₀	0.49	2.12
E5-1	Finger Belt 14 Drop	PM	1.03	4.48
		PM ₁₀	0.49	2.12
E5-2	Finger Belt 15 Drop	PM	1.03	4.48
		PM ₁₀	0.49	2.12
E5-3	Front End Loader Drop	PM	2.98	13.02

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		PM ₁₀	1.41	6.16
E5-3a	Charge Hopper Drop	PM	0.13	0.54
		PM ₁₀	0.06	0.26
E5-4	Belt 9a/SC-3 Drop	PM	0.13	0.54
		PM ₁₀	0.06	0.26
E5-4a	Belt 25 Drop	PM	0.13	0.54
		PM ₁₀	0.06	0.26
E5-11	Belt 17 Drop	PM	1.03	4.48
		PM ₁₀	0.49	2.12
E5-13	Belt 18 Drop	PM	1.03	4.48
		PM ₁₀	0.49	2.12
E5-15	Belt 19 Drop	PM	1.03	4.48
		PM ₁₀	0.49	2.12
E5-17	Belt 20 Drop	PM	1.03	4.48
		PM ₁₀	0.49	2.12
E5-18	Pile Drop (Belt 21)	PM	0.31	1.35
		PM ₁₀	0.15	0.64
E5-18a	Pile Drop (Belt 32)	PM	0.31	1.35
		PM ₁₀	0.15	0.64
E5-19	Fines Loadout System	PM	0.93	4.05
		PM ₁₀	0.93	4.05
E6-1	Rim Grinder Discharge	PM	11.35	49.71
		PM ₁₀	5.67	24.85
E6-2	Belt 23 Drop	PM	0.16	0.68
		PM ₁₀	0.08	0.32
E6-3	Fine Bins L and N	PM	0.43	1.88
		PM ₁₀	0.21	0.94
E6-4	Dust Bin Drop (Belt 21)	PM	0.16	0.68
		PM ₁₀	0.08	0.32
E6-4a	Bin N Drop (Belt 21)	PM	0.16	0.68
		PM ₁₀	0.08	0.32
E6-4b	Bin L Drop (Belt 21)	PM	0.16	0.68
		PM ₁₀	0.08	0.32
E6-5	Screen System No. 4	PM	4.29	18.77
		PM ₁₀	2.14	9.39
E6-6	Loadout Silos	PM	0.43	1.88
		PM ₁₀	0.21	0.94
E6-7	Lightweight Storage	PM	0.57	2.50
		PM ₁₀	0.37	1.60

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E6-7a	Kickout Piles	PM	0.10	0.42
		PM ₁₀	0.07	0.27
E6-8	Truck Loadout	PM	0.62	1.62
		PM ₁₀	0.30	0.77
E6-8a	Rail Loadout	PM	0.93	1.62
		PM ₁₀	0.44	0.77
E8-1d	Crusher	PM	0.01	0.03
		PM ₁₀	<0.01	0.02
E8-1f	Screen	PM	0.03	0.06
		PM ₁₀	<0.01	0.02
E8-MH	Material Handling (includes E8-1a, E8-1b, E8-1c, E8-1e, and drop from E8-1f)	PM	0.28	0.68
		PM ₁₀	0.13	0.32
E8-STK	Stockpiles	PM	-	0.03
		PM ₁₀	-	0.01
MSS	Fugitive Emissions from Material Handling System Maintenance	PM	0.01	<0.01
		PM ₁₀	<0.01	<0.01
		PM _{2.5}	<0.01	<0.01

- (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. Fugitive emission rates are estimates and are enforceable through compliance with the applicable special conditions and permit application representations.
- (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.

Date: October 31, 2014