

Emission Sources - Maximum Allowable Emission Rates

Permit Number 108895

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 (7)	
			lbs/hour	TPY (4)
3	Crusher CR1 (5)	PM	0.54	0.81
		PM ₁₀	0.24	0.36
		PM _{2.5}	0.05	0.07
48	Crusher CR2 (5)	PM	0.16	0.24
		PM ₁₀	0.07	0.11
		PM _{2.5}	0.01	0.02
49	Crusher CR2-3 (5)	PM	0.16	0.24
		PM ₁₀	0.07	0.11
		PM _{2.5}	0.01	0.02
50	Crusher CR3 (5)	PM	0.16	0.24
		PM ₁₀	0.07	0.11
		PM _{2.5}	0.01	0.02
73	Crusher CR4 (5)	PM	0.12	0.18
		PM ₁₀	0.05	0.08
		PM _{2.5}	0.01	0.02
74	Crusher CR5 (5)	PM	0.12	0.18
		PM ₁₀	0.05	0.08
		PM _{2.5}	0.01	0.02
75	Crusher CR6 (5)	PM	0.12	0.18
		PM ₁₀	0.05	0.08

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		PM _{2.5}	0.01	0.02
90	Crusher CR7 (5)	PM	0.14	0.22
		PM ₁₀	0.06	0.10
		PM _{2.5}	0.01	0.02
91	Crusher CR8 (5)	PM	0.14	0.22
		PM ₁₀	0.06	0.10
		PM _{2.5}	0.01	0.02
2	Scalping Screen S1 (5)	PM	1.65	2.48
		PM ₁₀	0.56	0.83
		PM _{2.5}	0.04	0.06
15	Base Screen S2 (5)	PM	0.41	0.62
		PM ₁₀	0.14	0.21
		PM _{2.5}	0.01	0.01
16	Base Screen S3 (5)	PM	0.41	0.62
		PM ₁₀	0.14	0.21
		PM _{2.5}	0.01	0.01
26	Scrubber Screen S5 (5)	PM	0.50	0.75
		PM ₁₀	0.17	0.26
		PM _{2.5}	0.03	0.04
27	Wash Screen S7 (5)	PM	0.50	0.75
		PM ₁₀	0.17	0.26
		PM _{2.5}	0.03	0.04
34	Scrubber Screen S4 (5)	PM	0.50	0.75
		PM ₁₀	0.17	0.26
		PM _{2.5}	0.03	0.04

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36	Wash Screen S6 (5)	PM	0.50	0.75
		PM ₁₀	0.17	0.26
		PM _{2.5}	0.03	0.04
52	Rinse Screen S8 (5)	PM	0.23	0.34
		PM ₁₀	0.08	0.12
		PM _{2.5}	0.01	0.02
53	Rinse Screen S9 (5)	PM	0.23	0.34
		PM ₁₀	0.08	0.12
		PM _{2.5}	0.01	0.02
57	Dewatering Screen S10 (5)	PM	0.05	0.07
		PM ₁₀	0.02	0.02
		PM _{2.5}	<0.01	<0.01
60	Dewatering Screen S11 (5)	PM	0.05	0.07
		PM ₁₀	0.02	0.02
		PM _{2.5}	<0.01	<0.01
61	Dewatering Screen S12 (5)	PM	0.01	0.02
		PM ₁₀	<0.01	0.01
		PM _{2.5}	<0.01	<0.01
64	Sizing Screen S13 (5)	PM	0.36	0.54
		PM ₁₀	0.12	0.18
		PM _{2.5}	0.01	0.01
66	Sizing Screen S14 (5)	PM	0.36	0.54
		PM ₁₀	0.12	0.18
		PM _{2.5}	0.01	0.01
80	Wash Screen S15 (5)	PM	0.23	0.34

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81	Wash Screen S16 (5)	PM ₁₀	0.08	0.12
		PM _{2.5}	0.01	0.02
		PM	0.23	0.34
82	Wash Screen S17 (5)	PM ₁₀	0.08	0.12
		PM _{2.5}	0.01	0.02
		PM	0.23	0.34
83	Wash Screen S18 (5)	PM	0.10	0.15
		PM ₁₀	0.03	0.05
		PM _{2.5}	0.01	0.01
84	Wash Screen S19 (5)	PM	0.10	0.15
		PM ₁₀	0.03	0.05
		PM _{2.5}	0.01	0.01
85	Wash Screen S20 (5)	PM	0.10	0.15
		PM ₁₀	0.03	0.05
		PM _{2.5}	0.01	0.01
106	Dewatering Screen S21 (5)	PM	0.04	0.06
		PM ₁₀	0.01	0.02
		PM _{2.5}	<0.01	<0.01
107	Dewatering Screen S22 (5)	PM	0.04	0.06
		PM ₁₀	0.01	0.02
		PM _{2.5}	<0.01	<0.01
148	Rinse Screen S23 (5)	PM	0.30	0.45
		PM ₁₀	0.10	0.16

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		PM _{2.5}	0.02	0.02
149	Rinse Screen S24 (5)	PM	0.30	0.45
		PM ₁₀	0.10	0.16
		PM _{2.5}	0.02	0.02
150	Rinse Screen S25 (5)	PM	0.30	0.45
		PM ₁₀	0.10	0.16
		PM _{2.5}	0.02	0.02
153	Dewatering Screen S26 (5)	PM	<0.01	<0.01
		PM ₁₀	<0.01	<0.01
		PM _{2.5}	<0.01	<0.01
MTL	Material Handling (5)(6)	PM	12.55	18.82
		PM ₁₀	4.15	6.23
		PM _{2.5}	1.13	1.70
STK	Stockpiles (5)	PM	-. -	29.62
		PM ₁₀	-. -	14.11
		PM _{2.5}	-. -	2.14

(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 - 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

(4) Compliance with annual emission limits (tons per year) is based on a 12 month rolling period.

(5) Emission rate is an estimate and is enforceable through compliance with the applicable special condition(s) and permit application representations.

(6) Includes the following Emission Point Numbers: 1, 2A, 2B, 4, 5, 6, 7A, 7B, 8A, 8B, 9A, 9B, 10, 11, 12, 13A, 13B, 14A, 14B, 15A, 16A, 17, 18, 19, 20, 21, 22, 23, 24, 25, 27A, 28, 29, 30, 31, 32, 33, 35, 36A, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 51, 52A, 53A, 54, 55, 56, 58A, 58B, 59, 62A, 62B, 63, 64A, 65, 66A, 67, 68, 69, 70, 71, 72, 76, 77, 78, 79, 80A, 81A, 82A, 83A, 84A, 85A, 86A, 86B, 87, 88, 89, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 108, 109, 110A, 110B, 111A, 111B, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148A, 149A, 150A, 151, 152, 154, 155, 156, 157, 158, 159, 160, 161, 162, and 163.

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(7) Planned startup and shutdown emissions are included. Maintenance activities are not authorized by this permit.

Date: May 2, 2014