EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 38905

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. 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 * lb/hr	TPY
1	Raw Feed (4)	PM	0.44	1.95
		PM_{10}	0.22	0.98
3	Grizzly to Stock (4) 0.00023	PM	0.000383	
		PM_{10}	0.000182	
	0.000109			
4	Grizzly to Conveyor (4)	PM	0.0248	0.0149
		PM_{10}	0.0118	0.00709
5	Conveyor to Conveyor (4)	PM	0.0248	0.0149
		PM_{10}	0.0118	0.0149
6	Conveyor to Feeder (4)	PM	0.0618	0.0371
		PM_{10}	0.0294	0.0177
7	Feeder to Feeder (4)	PM	0.00371	0.00223
		PM_{10}	0.00177	0.00106
8	Feeder to Conveyor (4)	PM	0.00371	0.00223
		PM_{10}	0.00177	0.00106
9	Conveyor to Screen (4)	PM	0.00371	0.00223
		PM_{10}	0.00177	0.00106
10	Screen (4)	PM	0.0649	0.0389
		PM_{10}	0.0309	0.0185
11	Conveyor to Conveyor (4) 0.000968	PM	0.00161	
		PM_{10}	0.000768	

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates * lb/hr	TPY
	0.000461			
12	Conveyor to Conveyor (4)	PM	0.00161	
	0.000968			
		PM_{10}	0.000768	
	0.000461			
13	Conveyor to Screen (4)	PM	0.0281	0.0169
		PM_{10}	0.0134	0.00806
14	Screen (4)	PM	0.0282	0.0169
		PM_{10}	0.0134	0.00806
15	Screen to Conveyor (4)	PM	0.000625	
	0.000375			
		PM_{10}	0.000298	
	0.000179			
16	Conveyor to Conveyor (4)	PM	0.000625	
	0.000375			
		PM_{10}	0.000298	
	0.000179			
17	Conveyor to Conveyor (4)	PM	0.0217	0.013
		PM_{10}	0.0103	0.00652
18	Conveyor to Bin (4)	PM	0.0217	0.013
		PM_{10}	0.0103	0.00652
19	Bin to Truck (4)	PM	0.0217	0.013
		PM_{10}	0.0103	0.00652
20	Screen to Conveyor (4)	PM	0.000988	
	0.000593			
		PM_{10}	0.00047	
	0.000282			
21	Conveyor to Stock (4)	PM	0.000988	
	0.000593			
		PM_{10}	0.00047	

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates * lb/hr	TPY
	0.000282			
22	Screen to Conveyor (4)	PM	0.0021	0.00126
		PM_{10}	0.000998	
	0.000599			
23	Conveyor to Stock (4)	PM	0.0021	0.00126
		PM_{10}	0.000998	
	0.000599			
24	Feeder to Feeder (4)	PM	0.0581	0.0349
		PM_{10}	0.0277	0.0166
25	Feeder to Conveyor (4)	PM	0.0581	0.0349
		PM_{10}	0.0277	0.0166
26	Conveyor to Screen (4)	PM	0.0581	0.0349
		PM_{10}	0.0277	0.0166
27	Screen (4)	PM	1.02	0.61
		PM_{10}	0.484	0.291
28	Screen to Conveyor (4)	PM	0.0211	0.0127
		PM_{10}	0.0101	0.0063
29	Screen to Conveyor (4)	PM	0.037	0.0222
		PM_{10}	0.0176	0.0106
30	Conveyor to Crusher (4)	PM	0.037	0.0222
		PM_{10}	0.0176	0.0106
31	Crusher With Baghouse (4)		PM	0.00455
	0.00264			
		PM_{10}	0.00217	0.0013

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates * lb/hr	TPY
32	Crusher to Conveyor (4)	PM	0.037	0.0222
		PM_{10}	0.0176	0.0106
BH-1	Crusher Baghouse Stack	PM_{10}	0.343	0.21
33	Conveyor to Conveyor (4)	PM	0.037	0.0222
		PM_{10}	0.0176	0.0106
34A	Molten Slag Pot Dump (4)	PM	1.19	5.25
		PM_{10}	1.19	5.25
34B	Slag Skul Pot Dump (4)	PM	0.13	0.59
		PM_{10}	0.07	0.29
35	Front End Loader Drop (4)		PM	0.44
	1.95			
		PM_{10}	0.22	0.98
BH-2/3	FerroCut Baghouse Stack	PM_{10}	3.857	4.624
37	Stockpile (4)	PM	--	0.23
		PM_{10}	--	0.48
38	Plant Roads (4)	PM	--	21.26
		PM_{10}	--	10.63

(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, suspended in the atmosphere, including PM_{10}.
PM_{10} - particulate matter equal to or less than 10 microns in diameter. Where PM is not listed, it shall be assumed that no particulate matter greater than 10 microns

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates * lb/hr	TPY

is emitted.

(4) Fugitive emissions are an estimate only.

* Emission rates are based on and the facilities are limited by the following maximum operating schedule:

24 Hrs/day 7 Days/week 52 Weeks/year or __ Hrs/year