

Emission Sources - Maximum Allowable Emission Rates

Permit Number 5183

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)
RF-16	Cone Crusher CR-5 (5)	PM	0.02	0.05
		PM ₁₀	0.01	0.02
RF-21	Universal Crusher CR-6 (5)	PM	0.04	0.04
		PM ₁₀	0.02	0.02
		PM _{2.5}	< 0.01	< 0.01
RF-6	Hewitt Robbins Screen (5)	PM	0.22	1.25
		PM ₁₀	0.07	0.42
RF-6	Deister Screen (5)	PM	0.22	1.25
		PM ₁₀	0.07	0.42
RF-10	Rinse Screen (5)	PM	0.09	1.25
		PM ₁₀	0.03	0.42
RF-20	Allis Chalmers 2 Screens (5)	PM	0.26	0.78
		PM ₁₀	0.08	0.26
RF-6_F, RF-10_F, RF- 20_F	Total of Drops of Screens (5)	PM	0.66	4.32
		PM ₁₀	0.31	2.05
RF-8a, RF-3a, RF- 23A	Total of Bin Drops to Feeder Belts (5)	PM	0.32	0.90
		PM ₁₀	0.15	0.43
RF-1	C-30A to C-31 (5)	PM	0.04	0.12
		PM ₁₀	0.01	0.04
RF-2A	BF-2 to C-32 (5)	PM	0.04	0.12
		PM ₁₀	0.01	0.04
RF-2B	F-1 and F-2 to C- 33(5)	PM	0.04	0.12
		PM ₁₀	0.01	0.04
RF-3	C-31 to #11 Bin (5)	PM	0.01	0.02
		PM ₁₀	< 0.01	0.01
RF-7	C-31 to # 1Bin (5)	PM	0.01	0.02
		PM ₁₀	< 0.01	0.01

Emission Sources - Maximum Allowable Emission Rates

RF-13	C-42 to C-43 (5)	PM	0.01	0.02
		PM ₁₀	< 0.01	0.01
RF-14	C-43 to C-44 (5)	PM	0.01	0.02
		PM ₁₀	< 0.01	0.01
RF-23	C-51 to C-52 (5)	PM	0.01	0.02
		PM ₁₀	< 0.01	0.01
RF-4A	C-33 and C-32 to Transfer Tower (5)	PM	0.04	0.02
		PM ₁₀	0.01	0.01
RF-4B	Transfer Tower to C-L1 and C-34 (5)	PM	0.04	0.10
		PM ₁₀	0.01	0.03
RF-8	Agg. Drop to Rev. Belt C-40 (5)	PM	0.02	0.05
		PM ₁₀	0.01	0.02
RF-9	C-37 to C-38 (5)	PM	0.02	0.05
		PM ₁₀	0.01	0.02
RF-15	Stock Drop to BF-12 (5)	PM	< 0.01	0.01
		PM ₁₀	< 0.01	< 0.01
RF-15b	BF-12 to C-45 (5)	PM	< 0.01	0.01
		PM ₁₀	< 0.01	< 0.01
RF-17	C-46 to C-47 (5)	PM	< 0.01	0.01
		PM ₁₀	< 0.01	< 0.01
RF-22	C-50 to Bins (5)	PM	< 0.01	0.01
		PM ₁₀	< 0.01	< 0.01
RF-18B	Stock Drop to C-48 (5)	PM	0.01	0.04
		PM ₁₀	< 0.01	0.01
RF-19	C-48 to C-49 (5)	PM	0.01	0.04
		PM ₁₀	< 0.01	0.01
RF-25	C-40 to C-42 (5)	PM	0.01	0.01
		PM ₁₀	< 0.01	< 0.01
RF-25B	C-40 to C-41 (5)	PM	0.01	0.01
		PM ₁₀	< 0.01	< 0.01
TRK	Total of Truck/Rail Loading (5)(6)	PM	0.12	0.35
		PM ₁₀	0.06	0.17
BPF-1	Stockpiles (5)	PM	-.--	0.54
		PM ₁₀	-.--	0.27

Emission Sources - Maximum Allowable Emission Rates

- (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) TRK includes: emission point numbers (RF-11, 12, 24, 24A) which represent all truck/rail loadout points.
- (7) Planned startup and shutdown emissions are included. Maintenance activities are not authorized by this permit.

Date: February 20, 2013