

# 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. 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)	<u>Emission Rates *</u>	
			lb/hr	TPY
RF-16	Cone Crusher CR-5 (4)	PM	0.02	0.05
		PM <sub>10</sub>	0.01	0.02
RF-21	VSI Crusher CR-6 (4)	PM	0.02	0.05
		PM <sub>10</sub>	0.01	0.02
RF-6	Hewitt Robbins Screen (4)	PM	0.22	1.25
		PM <sub>10</sub>	0.07	0.42
RF-6	Deister Screen (4)	PM	0.22	1.25
		PM <sub>10</sub>	0.07	0.42
RF-10	Rinse Screen (4)	PM	0.09	1.25
		PM <sub>10</sub>	0.03	0.42
RF-20	Allis Chalmers 2 Screens (4)	PM	0.26	0.78
		PM <sub>10</sub>	0.08	0.26
RF-6_F, RF-10_F, and RF-20_F	Total of Drops off Screens (4)	PM	0.66	4.32
		PM <sub>10</sub>	0.31	2.05
RF-8a, RF-3a, and RF-23A	Total of Bin drops to Feeder Belts (4)	PM	0.32	0.90
		PM <sub>10</sub>	0.15	0.43
RF-1	C-30A to C-31 (4)	PM	0.04	0.12
		PM <sub>10</sub>	0.01	0.04
RF- 2A	BF-2 to C-32 (4)	PM	0.04	0.12
		PM <sub>10</sub>	0.01	0.04
RF- 2B	F-1 and F-2 to C-33 (4)	PM	0.04	0.12
		PM <sub>10</sub>	0.01	0.04

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	TPY
RF-3	C-31 to #11 Bin (4)	PM	0.01	0.02
		PM <sub>10</sub> < 0.01	0.01	
RF-7	C-31 to # 1Bin (4)	PM	0.01	0.02
		PM <sub>10</sub> < 0.01	0.01	
RF-13	C-42 to C-43 (4)	PM	0.01	0.02
		PM <sub>10</sub> < 0.01	0.01	
RF-14	C-43 to C-44 (4)	PM	0.01	0.02
		PM <sub>10</sub> < 0.01	0.01	
RF-23	C-51 to C-52 (4)	PM	0.01	0.02
		PM <sub>10</sub> < 0.01	0.01	
RF-4A	C-33 and C-32 to Transfer Tower (4)	PM	0.04	0.02
		PM <sub>10</sub>	0.01	0.01
RF-4B	Transfer Tower to C-L1 and C-34 (4)	PM	0.04	0.10
		PM <sub>10</sub>	0.01	0.03
RF-8	Agg. Drop to Rev. Belt C-40 (4)	PM	0.02	0.05
		PM <sub>10</sub>	0.01	0.02
RF- 9	C-37 to C-38 (4)	PM	0.02	0.05
		PM <sub>10</sub>	0.01	0.02
RF-15	Stock Drop to BF-12 (4)	PM	< 0.01	0.01
		PM <sub>10</sub>	< 0.01	< 0.01
RF-15b	BF-12 to C-45 (4)	PM	< 0.01	0.01
		PM <sub>10</sub>	< 0.01	< 0.01
RF-17	C-46 to C-47 (4)	PM	< 0.01	0.01
		PM <sub>10</sub>	< 0.01	< 0.01
RF-22	C-50 to Bins (4)	PM	< 0.01	0.01
		PM <sub>10</sub>	< 0.01	< 0.01

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	TPY
RF-18B	Stock Drop to C-48 (4)	PM	0.01	0.04
		PM <sub>10</sub>	< 0.01	0.01
RF-19	C-48 to C-49 (4)	PM	0.01	0.04
		PM <sub>10</sub>	< 0.01	0.01
RF-25	C-40 to C-42 (4)	PM	0.01	0.01
		PM <sub>10</sub>	< 0.01	< 0.01
RF-25B	C-40 to C-41 (4)	PM	0.01	0.01
		PM <sub>10</sub>	< 0.01	< 0.01
TRK	Total of Truck/Rail Loading (4) (5)	PM	0.12	0.35
		PM <sub>10</sub>	0.06	0.17
BPF-1	Stockpile (4)	PM		0.54
		PM <sub>10</sub>		0.27

- (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<sub>10</sub>.  
PM<sub>10</sub> - particulate matter equal to or less than 10 microns in diameter. Where PM is not listed, it shall be assumed that no PM greater than 10 microns is emitted.
- (4) Fugitive emissions are an estimate only.
- (5) The TRK includes: emission points numbers (RF-11, 12, 24, 24A) which represent all truck/rail loadout points.

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

16 Hrs/day 7 Days/week 52 Weeks/year or 5,824 Hrs/year

Cone Crusher:	<u>150</u> tons/hour	<u>658,000</u> tons/year
VSI Crusher:	<u>150</u> tons/hour	<u>658,000</u> tons/year
Total Facility:	<u>1,950</u> tons/hour	<u>11,154,000</u> tons/year

Dated August 22, 2006