

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 5983

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>	
			<u>lb/hr</u>	<u>TPY</u>
S1	Raw Feed (4)	PM	3.25	1.95
		PM ₁₀	1.63	0.98
S3	Grizzly to Stock (4)	PM	<0.01	<0.01
		PM ₁₀	<0.01	<0.01
S4	Grizzly to Conveyor (4)	PM	0.03	0.02
		PM ₁₀	0.01	<0.01
S5	Conveyor to Conveyor (4)	PM	0.03	0.02
		PM ₁₀	0.01	<0.01
S6	Conveyor to Feeder (4)	PM	0.06	0.04
		PM ₁₀	0.03	0.02
S8	Feeder to Conveyor (4)	PM	<0.01	<0.01
		PM ₁₀	<0.01	<0.01
S10	Screen (4)	PM	0.07	0.04
		PM ₁₀	0.03	0.02
S12	Conveyor to Conveyor (4)	PM	<0.01	<0.01
		PM ₁₀	<0.01	<0.01
S17	Conveyor to Conveyor (4)	PM	0.02	0.01
		PM ₁₀	0.01	<0.01
S18	Conveyor to Bin (4)	PM	0.02	0.01
		PM ₁₀	0.01	<0.01

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	<u>Emission Rates *</u>	
			<u>lb/hr</u>	<u>TPY</u>
S19	Bin to Truck (4)	PM	0.02	0.01
		PM ₁₀	0.01	<0.01
S21	Conveyor to Stock (4)	PM	<0.01	<0.01
		PM ₁₀	<0.01	<0.01
S23	Conveyor to Stock (4)	PM	<0.01	<0.01
		PM ₁₀	<0.01	<0.01
S25	Feeder to Conveyor (4)	PM	0.06	0.04
		PM ₁₀	0.03	0.02
S27	Screen (4)	PM	1.02	0.61
		PM ₁₀	0.48	0.29
S33	Conveyor to Conveyor (4)	PM	0.04	0.02
		PM ₁₀	0.02	0.01
S34A	Molten Slag Pot Dump (4)	PM	1.19	5.25
		PM ₁₀	1.19	5.25
S34B	Slag Skull Pot Dump (4)	PM	0.13	0.59
		PM ₁₀	0.07	0.29
S35	Front-End Loader Drop (4)	PM	0.44	1.95
		PM ₁₀	0.22	0.98
SBH-2/3	Ferro Cut Baghouse Stack	PM ₁₀	1.61	1.93
		NO _x	0.78	3.49
		CO	0.13	0.6
		VOC	0.02	0.09
S37	Stockpile (4)	PM	--	0.48
		PM ₁₀	--	0.24

S40	Conveyor to Conveyor (4)	PM PM ₁₀	<0.01 <0.01	<0.01 <0.01
S41	Conveyor to Swing Conveyor (4)	PM PM ₁₀	<0.01 <0.01	<0.01 <0.01
S42	Swing Conveyor to Conveyor (4)	PM PM ₁₀	<0.01 <0.01	<0.01 <0.01
S43	"B" Scrap Feed (4)	PM PM ₁₀	0.07 0.04	0.04 0.02
S44	"B" Scrap Feed to Conveyor (4)	PM PM ₁₀	<0.01 <0.01	<0.01 <0.01
S45	Conveyor to Conveyor (4)	PM PM ₁₀	<0.01 <0.01	<0.01 <0.01
S31	Hazmag Crusher Fugitives (4)	PM PM ₁₀	0.07 0.03	-- --
S46	Cone Crusher Fugitives (4)	PM PM ₁₀	0.07 0.03	-- --
	Hazmag Crusher and Cone Crusher Fugitives (4) (5)	PM PM ₁₀	-- --	0.04 0.02
SBH-1	Hazmag Crusher and Cone Crusher Baghouse Stack	PM/PM ₁₀	0.34	0.21

(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.

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- (3) PM - particulate matter, suspended in the atmosphere, including PM₁₀.
PM₁₀ - 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 is emitted.
NO_x - nitrogen oxides
CO - carbon monoxide
VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
- (4) Fugitive emissions are an estimate only.
- (5) The maximum annual combined fugitive emissions from the Hazmag Crusher and the Cone Crusher. **(12/05)**

Dated December 2, 2005