

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 283J

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
7	Primary Crusher (4)	PM	0.02	0.10
		PM ₁₀	0.01	0.05
14	Secondary Crusher No. 1 (4)	PM	0.04	0.19
		PM ₁₀	0.02	0.09
20	Secondary Crusher No. 2 (4)	PM	0.07	0.32
		PM ₁₀	0.04	0.16
26	Tertiary Crusher (4)	PM	0.03	0.13
		PM ₁₀	0.01	0.06
3	Single Deck Screen (4)	PM	0.19	0.81
		PM ₁₀	0.09	0.39
10	Triple Deck Screen (4)	PM	0.12	0.52
		PM ₁₀	0.06	0.25
25	Triple Deck Screen (4)	PM	0.12	0.52
		PM ₁₀	0.06	0.25
31	Wash Screen (4)	PM	0.13	0.55
		PM ₁₀	0.06	0.26
1, 23	Truck Loading/Unloading (4)	PM	0.01	0.03
		PM ₁₀	<0.01	0.02
36	Sand Screw (4)	PM	<0.01	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>	
			lb/hr	TPY
MHFUG	Aggregate Handling (4, 5)	PM	0.67	2.95
		PM ₁₀	0.29	1.29
SPFUG	Stockpiles (4)	PM	-	7.23
		PM ₁₀	-	3.44

- (1) Emission point identification - either specific equipment designation or emission point number from a plot plan.
- (2) Specific point source names. For fugitive sources use area name or fugitive source name.
- (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.
- (4) Fugitive emissions are an estimate only.
- (5) Includes EPNs 2, 4-6, 8-9, 11, 13, 15-17, 19, 21, 22, 24, 27-30, 32-35, and 37-42

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

24 Hrs/day 7 Days/week 52 Weeks/year or 8,760 Hrs/year

Primary Crusher:	<u>700</u> Tons/hour	<u>6,132,000</u> Tons/year	
Secondary 1 Crusher:		<u>245</u> Tons/hour	-
<u>2,146,200</u> Tons/year			
Secondary 2 Crusher:		<u>400</u> Tons/hour	-
<u>3,504,000</u> Tons/year			
Tertiary Crusher:	<u>160</u> Tons/hour	<u>1,401,600</u> Tons/year	
Total Facility:		<u>6,570,000</u> Tons/year	

Dated July 28, 2004