

# Emission Sources - Maximum Allowable Emission Rates

Permit Number 77389L001

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 (6) *	
			lbs/hour	TPY
EPN 2	Primary Crusher (4)	PM	0.07	0.23
		PM <sub>10</sub>	0.04	0.11
EPN 8	Secondary Crusher (4)	PM	0.05	0.16
		PM <sub>10</sub>	0.02	0.08
EPN 5	Primary Screen (4)	PM	0.13	0.41
		PM <sub>10</sub>	0.04	0.14
1,3,4,6,7,9-11, and MHFUG	Material Handling (4)(5) (Conveyors, Hopper, and Loading/Unloading Emissions)	PM	0.36	1.12
		PM <sub>10</sub>	0.13	0.39
STK	Stockpiles (4)	PM	-.--	7.23
		PM <sub>10</sub>	-.--	3.61
EPN12	Diesel Electric Generator	PM <sub>10</sub>	0.17	0.34
		NO <sub>x</sub>	8.84	17.68
		CO	0.78	1.56
		SO <sub>2</sub>	0.79	1.57
		VOC	0.15	0.30

- (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) VOC - volatile organic compounds  
 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 particulate matter greater than 10 microns is emitted.  
 SO<sub>2</sub> - sulfur dioxide

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CO - carbon monoxide

NO<sub>x</sub> - total oxides of nitrogen

(4) Fugitive emissions are an estimate only.

(5) Emission rates are the total for all listed emission points.

(6) Planned startup and shutdown emissions are included. Maintenance activities are not authorized by this permit.

\* 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>400</u> Tons/hour	<u>2,500,000</u> Tons/year
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Screen:	<u>400</u> Tons/hour	<u>2,500,000</u> Tons/year
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Secondary Crusher	<u>280</u> Tons/hour	<u>1,750,000</u> Tons/year
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Total Facility:		<u>2,500,000</u> Tons/year
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Date: February 19, 2013