

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 37802

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
1	Feeder/Hopper (4)	PM	6.00	6.00
		PM ₁₀	3.00	3.00
2	Waste Conveyor (4)	PM	0.39	0.39
		PM ₁₀	0.20	0.20
3	Jaw Crusher (4)	PM	0.006	0.006
		PM ₁₀	0.003	0.003
4	Transfer Conveyor (4)	PM	0.015	0.015
		PM ₁₀	0.007	0.007
5	Closed Circuit Conveyor (4) 0.024	PM		0.024
		PM ₁₀	0.012	0.012
6	Screen Hopper (4)	PM	0.024	0.024
		PM ₁₀	0.012	0.012
7	Screen (4)	PM	0.42	0.42
		PM ₁₀	0.21	0.21
8	Impact Crusher (4)	PM	0.035	0.035
		PM ₁₀	0.018	0.018
9, 10, and 11	Stockpile Conveyors (4) (Total)	PM	0.59	0.59
		PM ₁₀	0.30	0.30

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Emission *	Source	Air Contaminant	<u>Emission Rates</u>	
<u>Point No. (1)</u>	<u>Name (2)</u>	<u>Name (3)</u>	<u>lb/hr</u>	<u>TPY</u>
12	Stockpiles (4)	PM	--	0.06
		PM ₁₀	--	0.03

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Emission * Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lb/hr	TPY
13	Diesel Engine No. 1	PM ₁₀	0.21	0.21
		NO _x	6.96	6.96
		CO	1.60	1.60
		SO ₂	2.35	2.35
		VOC	0.21	0.21
14	Diesel Engine No 2	PM ₁₀	0.30	0.30
		NO _x	10.32	10.32
		CO	2.37	2.37
		SO ₂	3.48	3.48
		VOC	0.30	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 as defined in General Rule 101.1

NO_x - total oxides of nitrogen

SO₂ - sulfur dioxide

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 PM greater than 10 microns is emitted.

CO - carbon monoxide

(4) Fugitive emissions are an estimate only.

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

24 Hrs/day 7 Days/week 52 Weeks/year or 2,000 Hrs/year

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Point No. (1)	Name (2)	Name (3)	lb/hr	TPY

Maximum Production: 400 tons/hour 800,000 tons/year

Dated _____