

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 36420

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>
5	Crusher 1 (4)	PM	0.24	0.42
		PM ₁₀	<0.01	<0.01
24	Crusher 2 (4)	PM	0.12	0.21
		PM ₁₀	0.04	0.08
25	Crusher 3 (4)	PM	0.10	0.08
		PM ₁₀	0.04	0.03
4	Screen 1 (4)	PM	0.60	1.05
		PM ₁₀	0.13	0.22
7	Screen 2 (4)	PM	0.18	0.31
		PM ₁₀	0.04	0.07
26	Screen 3 (4)	PM	0.30	0.52
		PM ₁₀	0.06	0.11
27	Screen 4 (4)	PM	0.14	0.21
		PM ₁₀	0.03	0.04
Fug	Material Handling (4)	PM	6.17	10.37
		PM ₁₀	3.08	5.17
STK	Stockpiles (4)	PM	----	1.93
		PM ₁₀	----	0.97
ENG	Diesel Engine	PM ₁₀	0.84	1.47
		VOC	0.35	0.61
		NO _x	12.96	22.68
		SO ₂	1.45	2.52

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	TPY
GEN	Diesel Generator	CO	6.48	11.34
		PM ₁₀	0.67	1.18
		VOC	0.89	1.56
		NO _x	6.37	11.15
		SO ₂	0.63	1.10
		CO	3.40	5.95
TNK1	3,000-Gallon Diesel Storage <0.01 Tank (Exemption 106.473)		VOC	<0.01
TNKS2	Two 500-Gallon Diesel Storage <0.01 Tanks (Exemption 106.473)		VOC	<0.01

- (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 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.
VOC - volatile organic compounds as defined in General Rule 101.1
NO_x - total oxides of nitrogen
SO₂ - sulfur dioxide
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:
Annual engine and generator emission rates based upon 3,500 hours/year of operation.

Primary Crusher:	<u>500</u> Tons/hour	<u>1,747,200</u> Tons/year
Secondary Crushers:	<u>250</u> Tons/hour	<u>873,600</u> Tons/year
Tertiary Crushers:	<u>200</u> Tons/hour	<u>349, 440</u> Tons/year

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			<u>lb/hr</u>	<u>TPY</u>

Total Facility: 1,747,200 Tons/year

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

Dated _____