

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 33491

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 *	Source	Air Contaminant	<u>Emission Rates</u>	
Point No. (1)	Name (2)	Name (3)	<u>lb/hr</u>	<u>TPY</u>
F1	Aggregate Handling (4)	TSP	1.16	0.88
		PM ₁₀	0.58	0.44
F2	Crushing Operation (4)	TSP	0.32	0.25
		PM ₁₀	0.25	0.12
F3	Screening Operations (4)	TSP	0.78	0.60
		PM ₁₀	0.17	0.13
F4	Stockpiles (4)	TSP	-	1.26
		PM ₁₀	-	0.63
P1	600 HP Power Unit No. 1 0.18		PM ₁₀	0.09
		VOC	0.43	0.89
		NO _x	14.40	30.24
		CO	3.17	6.67
		SO ₂	0.02	0.03
P2	400 HP Power Unit No. 2	PM ₁₀	0.06	0.13
		VOC	0.28	0.59
		NO _x	9.60	20.16
		CO	2.12	4.44
		SO ₂	0.01	0.02
P3	650 HP Power Unit No. 3	PM ₁₀	0.10	0.20
		VOC	0.46	0.96
		NO _x	15.60	32.76

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CO	3.44	7.22
SO ₂	0.02	0.04

- (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) TSP - total suspended particulate matter (including PM₁₀)
PM₁₀ - particulate matter less than 10 microns in diameter
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

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

21Hrs/day 5 Days/week 41 Weeks/year or 4,200 Hrs/year

Primary Jaw Crusher:	<u>400</u> Tons/hour	<u>600,000</u> Tons/year
Secondary Cone Crusher:	<u>400</u> Tons/hour	<u>600,000</u> Tons/year
Tertiary Vertical Impact Crusher:	<u>250</u> Tons/hour	<u>400,000</u> Tons/year
Total Facility:		<u>600,000</u> Tons/year

Dated _____