

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 40328

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	Primary Crusher (4)	PM	0.017	0.050
		PM ₁₀	0.007	0.022
2	Secondary Crusher (4)	PM	0.64	1.92
		PM ₁₀	0.24	0.71
3	First Screen (4)	PM	2.4	7.2
		PM ₁₀	0.5	1.5
4	Second Screen (4)	PM	1.74	5.23
		PM ₁₀	0.37	1.10
5	Material Handling (4)	PM	2.84	15.38
		PM ₁₀	1.39	7.55
6	Stockpiles (4)	PM		6.46
		PM ₁₀		3.23
7	Generator No. 1 (Caterpillar 3412)	NO _x	12.26	36.79
		CO	0.43	1.29
		SO ₂	1.77	5.32
		PM ₁₀	0.74	2.23
		VOC	0.13	0.39
8	Generator No. 2 (Caterpillar 3412)	NO _x	12.26	36.79
		CO	0.43	1.29
		SO ₂	1.77	5.32

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PM ₁₀	0.74	2.23
VOC	0.13	0.39

- (1) Emission point identification - either specific equipment designation or emission point number from plot plan.
- (2) Specific point source name. For fugitive sources, area name or fugitive source name is used.
- (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.
NO_x - total oxides of nitrogen
CO - carbon monoxide
SO₂ - sulfur dioxide
VOC - volatile organic compounds as defined in General Rule 101.1
- (4) Fugitive emissions are an estimate only.

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

20 Hrs/day 6 Days/week 50 Weeks/year or 6,000 Hrs/year

	<u>Tons/hour</u>	<u>Tons/year</u>
Primary Crusher	600	3,600,000
Secondary Crusher	400	2,400,000

Dated_____