

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 85869L001

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
1-3,6-9	Material Transfers (4)	PM	1.89	2.36
		PM ₁₀	0.69	0.87
4	Cedarapids 5048 HIS Impact Crusher (4)	PM	0.36	0.46
		PM ₁₀	0.16	0.20
5	Cat 3406 (450-hp) Diesel Engine (5)	PM ₁₀	0.06	0.07
		VOC	1.13	1.41
		NO _x	4.16	5.20
		CO	0.69	0.87
		SO ₂	0.92	1.15
10	Screening Unit (4)	PM	1.69	2.11
		PM ₁₀	0.59	0.73
LDG	Material Loading and Unloading (4)	PM	0.08	0.10
		PM ₁₀	0.04	0.05
STK	Stockpiles (4)(6)	PM	-.--	1.11
		PM ₁₀	-.--	0.55

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- (1) Emission point identification - either specific equipment designation or emission point number from a plot plan.
- (2) Specific point source names. 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
NO_x - nitrogen oxides
CO - carbon monoxides
SO₂ - sulfur dioxide
- (4) Fugitive emissions are an estimate only.
- (5) Generator emissions based on 2,500 hours of operation.
- (6) Based on a stockpile area of two acres.

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

10 Hrs/day 5 Days/week 50 Weeks/year or 2,500 Hrs/year

Cedarapids 5048 HIS Impact Crusher 300 Tons/hour 750,000 Tons/year

Dated December 15, 2008