

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 85706L001

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**
3	Crusher No. 1 (4)	PM	0.48	1.20
		PM ₁₀	0.22	0.54
10	Crusher No. 2 (4)	PM	0.48	1.20
		PM ₁₀	0.22	0.54
5	Screen No. 1 (4)	PM	0.88	2.20
		PM ₁₀	0.30	0.74
12	Screen No. 2 (4)	PM	0.88	2.20
		PM ₁₀	0.30	0.74
17	Screen No. 3 (4)	PM	0.88	2.20
		PM ₁₀	0.30	0.74
LOAD	Loading, Unloading Operations (4)	PM	0.08	0.21
		PM ₁₀	0.04	0.10
MHFUG	Material Handling Operations (4, 5)	PM	0.85	2.13
		PM ₁₀	0.28	0.71
SPFUG	Stockpiles (4)	PM	-.--	2.48
		PM ₁₀	-.--	1.24
22	536 HP Caterpillar Model 3406C Diesel Engine (6)	NO _x	8.82	22.05
		CO	2.00	5.00
		SO ₂	1.10	2.75
		PM ₁₀	0.25	0.63
		VOC	0.11	0.28

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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 an area name or fugitive source name.
- (3) VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
 NO_x - total oxides of nitrogen
 SO₂ - sulfur dioxide
 PM - particulate matter
 PM₁₀ - particulate matter equal to or less than 10 microns in diameter
 CO - carbon monoxide
- (4) Fugitive emissions are an estimate only.
- (5) Includes emissions from the Hopper (EPN 1) and material transfer points designated as EPNs 2, 4, 6-9, 11, 13-16, and 18-21.
- (6) Diesel engine emissions are based on, and the engines are each limited to, a maximum of 5,000 hours of operation in any rolling 12-month period.

* Except for the diesel engines, the emission rates are based on, and the facilities are limited by, the following maximum operating schedule:

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

** Compliance with annual emission limits is based on a rolling 12-month period.

Crusher No. 1	400 Tons/hour	2,000,000 Tons/year
Crusher No. 2	400 Tons/hour	2,000,000 Tons/year
Total Facility	400 Tons/hour	2,000,000 Tons/year

Date December 8, 2008