

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 86290L001

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	Screen 1 (4)	PM	0.07	0.29
		PM ₁₀	0.02	0.10
2	Screen 2 (4)	PM	0.07	0.29
		PM ₁₀	0.02	0.10
LDG	Truck Loading and Unloading (4)	PM	0.08	0.37
		PM ₁₀	0.04	0.18
MTH	Material Handling(5)	PM	0.03	0.07
		PM ₁₀	0.01	0.02
STK	Stockpiles (4)(6)	PM	---	6.03
		PM ₁₀	---	3.01
ENG1	Screen1 Engine(7)	PM	0.23	1.01
		PM ₁₀	0.23	1.01
		VOC	0.26	1.14
		NO _x	3.19	13.97
		SO ₂	0.21	0.92
		CO	0.69	3.02
ENG2	Screen2 Engine(7)	PM	0.23	1.01
		PM ₁₀	0.23	1.01
		VOC	0.26	1.14
		NO _x	3.19	13.97
		SO ₂	0.21	0.92
		CO	0.69	3.02

(1) Emission point identification - either specific equipment designation or emission point number from a plot plan.

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- (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, suspended in the atmosphere, including PM₁₀ and PM_{2.5}
 - PM₁₀ - particulate matter equal to or less than 10 microns in diameter
 - CO - carbon monoxide
- (4) Fugitive emissions are an estimate only.
- (5) Emission rates based on 4 conveyor transfer points.
- (6) Emission rates based on 5 acres of active stockpiles.
- (7) Both engines used to power the two screens are 103 horsepower and are manufactured by John Deere.

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

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

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

Hourly Throughput Rate for Screen #1: 200 Tons/ hour

Annual Throughput Rate for Screen #1: 1,752,000 Tons/year

Hourly Throughput Rate for Screen #2: 200 Tons/ hour

Annual Throughput Rate for Screen #2: 1,752,000 Tons/year

Total Facility Throughput Rates: 400 Tons/hour and 3,504,000 Tons/year

Date: April 22, 2009