

## EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 74370

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**
13	Hammering Operations (4)	PM	0.45	0.65
		PM <sub>10</sub>	0.20	0.29
9	Power Screen (4)	PM	0.33	0.47
		PM <sub>10</sub>	0.11	0.16
MHFUG	Loading/Unloading Operations (4, 5)	PM	0.15	0.22
		PM <sub>10</sub>	0.07	0.10
SPFUG	Stockpiles (4)	PM	-.--	1.01
		PM <sub>10</sub>	-.--	0.51
Genset-1	440-hp Diesel Engine (6)	NO <sub>x</sub>	13.64	19.51
		CO	2.94	4.20
		SO <sub>2</sub>	0.90	1.29
		PM <sub>10</sub>	0.97	1.38
		VOC	1.11	1.58
Genset-2	345-hp Diesel Engine (7)	NO <sub>x</sub>	10.70	13.90
		CO	2.30	3.00
		SO <sub>2</sub>	0.71	0.92
		PM <sub>10</sub>	0.76	0.99
		VOC	0.87	1.13
A1	3,000 gallon Gasoline Tank	VOC	0.16	0.71
A2	8,000 gallon Off Road Diesel Tank	VOC	<0.01	0.01
A3	10,000 gallon On Road	VOC	<0.01	0.01

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Diesel Tank

- (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<sub>x</sub> - total oxides of nitrogen  
SO<sub>2</sub> - sulfur dioxide  
PM - particulate matter, suspended in the atmosphere, including PM<sub>10</sub> and PM<sub>2.5</sub>  
PM<sub>10</sub> - 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 steps 6, 7a, 7c, and 11.
- (6) Emissions based on 2,860 hours of operation over a rolling 12-month period.
- (7) Emissions based on 2,600 hours of operation over a rolling 12-month period.

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

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

10 Hrs/day 5.5 Days/week 52 Weeks/year or 2,860 Hrs/year

Hammering Operation:	84 Tons/hour	240,240 Tons/year
Wet Sawing Operation:	10.9 Tons/hour	28,600 Tons/year

Total Facility: 1,441,440 Tons/year

Dated September 22, 2008