

# EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 85829L001

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 (Jaw) Crusher (4)	PM	0.13	0.16
		PM <sub>10</sub>	0.06	0.08
2	Secondary (Cone) Crusher (4)	PM	0.58	0.73
		PM <sub>10</sub>	0.26	0.33
3	Primary Screen (4)	PM	0.88	1.10
		PM <sub>10</sub>	0.30	0.37
4	Secondary Screen (4)	PM	0.88	1.10
		PM <sub>10</sub>	0.30	0.37
LOAD	Loading/Unloading Operations (4)	PM	0.11	0.14
		PM <sub>10</sub>	0.05	0.07
MHFUG	Material Handling (4)	PM	0.23	0.29
		PM <sub>10</sub>	0.07	0.09
SPFUG	Stockpiles (4)	PM	-.--	3.61
		PM <sub>10</sub>	-.--	1.81
GENSET	725-hp Caterpillar Model 3412 Diesel Engine	NO <sub>x</sub>	8.85	11.06
		CO	0.58	0.73
		SO <sub>2</sub>	1.45	1.81
		PM <sub>10</sub>	0.07	0.09
		VOC	1.81	2.27
TANK	4,000-Gallon Diesel Storage Tank (4)	VOC	<0.01	0.01

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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) 

PM	-	particulate matter, suspended in the atmosphere, including PM <sub>10</sub>
PM <sub>10</sub>	-	particulate matter equal to or less than 10 microns in diameter
NO <sub>x</sub>	-	total oxides of nitrogen
SO <sub>2</sub>	-	sulfur dioxide
CO	-	carbon monoxide
VOC	-	volatile organic compounds as defined in Title 30 Texas Administrative Code § 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:

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

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

Primary Crusher: 600 Tons/hour 1,500,000 Tons/year

Secondary Crusher: 485 Tons/hour 1,212,500 Tons/year

Total Facility: 600 Tons/hour 1,500,000 Tons/year

Dated December 10, 2008