

## EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 73826

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**
GEN-1	Generator	NO <sub>x</sub>	13.20	16.50
		CO	4.64	5.79
		SO <sub>2</sub>	1.19	1.49
		PM <sub>10</sub>	0.73	0.91
		VOC	0.83	1.04
B-1	Propane Heater	NO <sub>x</sub>	0.03	0.12
		CO	<0.01	0.02
		SO <sub>2</sub>	<0.01	<0.01
		PM <sub>10</sub>	<0.01	<0.01
		VOC	<0.01	<0.01
SC-1	Primary Screen (4)	PM	0.22	0.36
		PM <sub>10</sub>	0.10	0.17
SC-2	Secondary Screen (4)	PM	0.03	0.05
		PM <sub>10</sub>	0.01	0.02
SC-3	Tertiary Screen (4)	PM	0.03	0.05
		PM <sub>10</sub>	0.01	0.02
SC-4	Sand Screen (4)	PM	0.60	0.75
		PM <sub>10</sub>	0.28	0.36
CR-1	Primary Crusher (4)	PM	0.14	0.24
		PM <sub>10</sub>	0.05	0.09
CR-2	Secondary Crusher No. 1 (4)	PM	0.51	0.85
		PM <sub>10</sub>	0.19	0.31
CR-3	Secondary Crusher No. 2 (4)	PM	0.03	0.05
		PM <sub>10</sub>	0.01	0.02

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	TPY**
T-1	Diesel Tank No. 1	VOC	0.39	0.01
T-2	Diesel Tank No. 2	VOC	0.59	0.01
T-3	Diesel Tank No. 3	VOC	0.05	<0.01
T-4	Unleaded Gasoline Tank	VOC	13.62	0.39
MHFUG	Material Handling (4)	PM	0.24	0.34
		PM <sub>10</sub> 0.11	0.15	
SPFUG	Stockpiles (4)	PM	-	13.20
		PM <sub>10</sub> -	6.60	

(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>.

PM<sub>10</sub> - particulate matter equal to or less than 10 microns in diameter. Where PM is not listed, it shall be assumed that no particulate matter greater than 10 microns is emitted.

CO - carbon monoxide

(4) Fugitive emissions are an estimate only.

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

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

24 hrs/day 7 Days/week 52 Weeks/year

Maximum plant production rates: 600 tons per hour 2,000,000 tons per year

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			<u>lb/hr</u>	<u>TPY**</u>

Dated November 10, 2004