

# EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 50261

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	Jaw Crusher (4)	PM	0.10	0.11
		PM <sub>10</sub> 0.05	0.05	
2	Impact Crusher (4)	PM	0.38	0.42
		PM <sub>10</sub> 0.19	0.21	
3	Screen 1 (4)	PM	0.79	0.88
		PM <sub>10</sub> 0.38	0.42	
4	Screen 2 (4)	PM	0.71	0.78
		PM <sub>10</sub> 0.34	0.37	
FUG1	Material Handling (4) (Conveyors 1, 2, and 4 and Loader)	PM	0.12	0.13
		PM <sub>10</sub>	0.05	0.05
FUG2	Stockpiles (4)	PM		6.50
		PM <sub>10</sub>	3.25	
CGEN	Impact Crusher Power Generator (CAT 400-HP)	PM <sub>10</sub>	0.16	0.30
		NO <sub>x</sub>	9.6	17.97
		CO 2.12	3.96	
		SO <sub>2</sub> 0.04	0.07	
		VOC 0.29	0.55	
PGEN	4-60 Power Generator (Cummins 775-HP)	PM <sub>10</sub>	0.31	0.58
		NO <sub>x</sub>	18.60	34.82
		CO 4.10	7.68	
		SO <sub>2</sub> 0.07	0.13	
		VOC 0.56	1.06	
TNK1	Diesel Storage Tank	VOC	<0.01	<0.03

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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 Section 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 and parameters:

12 Hrs/day 6 Days/week 52 Weeks/year or 3744 Hrs/year

Primary/Jaw Crusher Maximum allowable throughput: 450 tons per hour (tph) and 1,000,000 tpy

Secondary /Impact Crusher Maximum Allowable Throughput: 315 tph and 700,000 tpy

Power generator emissions based on a maximum operating hours of 3,744 hours per year.

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

Dated May 7, 2002