

## EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 85536

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**
2	Main Screen (4)	PM	0.15	0.66
		PM <sub>10</sub>	0.05	0.23
8	Power Screen (4)	PM	3.38	14.74
		PM <sub>10</sub>	1.17	5.13
1, 3-7, 9-11	Material Handling (4)(5)	PM	1.10	4.80
		PM <sub>10</sub>	0.41	1.76
12	Truck Loading (4)(6)	PM	0.44	1.93
		PM <sub>10</sub>	0.21	0.92
13	Stockpiles (4)	PM	-	5.06
		PM <sub>10</sub>	-	2.53
14	Deutz Engine BF4L913 105 HP	PM <sub>10</sub>	0.23	1.01
		VOC	0.26	1.16
		NO <sub>x</sub>	3.26	14.26
		SO <sub>2</sub>	0.22	0.94
		CO	0.70	3.07

- (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> and PM<sub>2.5</sub>
- PM<sub>10</sub> - particulate matter equal to or less than 10 microns in diameter
- PM<sub>2.5</sub> - particulate matter equal to or less than 2.5 microns in diameter
- 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
- CO - carbon monoxide

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

- (4) Fugitive emissions are an estimate only.
- (5) Material Handling includes the drop off the hopper and drops off the screens onto conveyors.
- (6) Truck Loading includes front end unloading and loading crushed stone.

\* 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 8,760 Hrs/year

Main Screen:	<u>600</u> TPH	<u>5,241,600</u> TPY
Power Screen:	<u>450</u> TPH	<u>3,931,200</u> TPY
Truck Operations:	<u>1,050</u> TPH	<u>9,172,800</u> TPY
Total Facility:	<u>1,050</u> TPH	<u>9,172,800</u> TPY

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

Dated September 9, 2009