

## Emission Sources - Maximum Allowable Emission Rates

Permit Number 9455A

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, sources, and related activities. 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 (8) *	
			lbs/hour	TPY
6	Primary Jaw Crusher (4)	PM	0.04	0.19
		PM <sub>10</sub>	0.02	0.09
29	Secondary Cone Crusher (4)	PM	0.45	1.98
		PM <sub>10</sub>	0.22	0.97
3	Mosabi Screen (4)	PM	0.12	0.52
		PM <sub>10</sub>	0.06	0.25
9	3 Deck Screen (4)	PM	0.04	0.19
		PM <sub>10</sub>	0.02	0.09
23	2 Deck Screen (4)	PM	0.21	0.92
		PM <sub>10</sub>	0.10	0.44
	Loading/Unloading (4) (5)	PM	0.03	0.14
		PM <sub>10</sub>	0.02	0.07
MHFUG	Aggregate Handling (4) (6)	PM	0.47	2.06
		PM <sub>10</sub>	0.24	0.91
SPFUG	Stockpiles (4)	PM	--	6.50
		PM <sub>10</sub>	--	3.25
	Engine/Generator (7)	NO <sub>x</sub>	32.46	50.64
		CO	2.64	4.12
		SO <sub>2</sub>	15.87	24.75
		PM <sub>10</sub>	0.34	0.53
		VOC	0.91	1.42

- (1) Emission point identification - either specific equipment designation or emission point number from plot plan.
- (2) Specific point source name. For fugitive sources, use area name or fugitive source name.

Emission Sources - Maximum Allowable Emission Rates

- (3) CO - carbon monoxide  
NO<sub>x</sub> - total oxides of nitrogen  
PM - total particulate matter, suspended in the atmosphere, including PM<sub>10</sub> and PM<sub>2.5</sub>, as represented  
PM<sub>10</sub> - total particulate matter equal to or less than 10 microns in diameter, including PM<sub>2.5</sub>, as represented  
SO<sub>2</sub> - sulfur dioxide  
VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
- (4) Fugitive emissions are an estimate only.
- (5) Includes loading to Hopper (EPN 1)
- (6) Aggregate Handling emissions include EPNs 5, 11, 13, 16-18, 21, 26-28, 30, and 20 (Surge Bin)
- (7) Engine/Generator set permitted is one 1,961-horsepower Caterpillar 3512 Diesel Engine/Generator
- (8) Planned startup and shutdown emissions are included. Maintenance activities are not authorized by this permit.

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

24 Hrs/day 7 Days/week 52 Weeks/year or 8,760 Hrs/year

Primary Jaw Crusher:	<u>211</u> Tons/hour	<u>1,848,360</u> Tons/year
Secondary Cone Crusher:	<u>373</u> Tons/hour	<u>3,267,480</u> Tons/year
Total Facility:		<u>3,942,000</u> Tons/year

Date: March 14, 2013