

# EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 3247

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)	Name (3)	Air Contaminant lb/hr TPY	<u>Emission Rates *</u>	
	Truck Receiving Pit No. 1 (a)		TSP PM <sub>10</sub>	6.05 3.02	
	Truck Receiving Pit No. 2 (b)		TSP PM <sub>10</sub>	5.04 2.52	
	Truck Receiving Pit No. 3 (b)		TSP PM <sub>10</sub>	5.04 2.52	
	Receiving Operations(c)		TSP PM <sub>10</sub>		0.72 0.36
	Dryer (d)		PM <sub>10</sub> VOC NO <sub>x</sub> CO SO <sub>2</sub>	4.54 0.08 3.78 0.95 0.02	0.35 0.01 0.29 0.07 <0.01
	Truck Loadout Spout No. 1 (e)		TSP PM <sub>10</sub>	30.24 15.12	
	Truck Loadout Spout No. 3 (f)		TSP PM <sub>10</sub>	25.20 12.60	
	Railcar Loadout Spout No. 1 (e)		TSP PM <sub>10</sub>	30.24 15.12	
	Loadout Operations(g)		TSP PM <sub>10</sub>		1.58 0.79

- (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.

Permit No. 3247

Page 2

#### EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

- (3) TSP - total suspended particulate, including PM<sub>10</sub>  
PM<sub>10</sub> - particulate matter less than 10 microns in diameter  
VOC - volatile organic compounds as defined in General Rule 101.1  
NO<sub>x</sub> - total oxides of nitrogen  
SO<sub>2</sub> - sulfur dioxide  
CO - carbon monoxide

\* Emission rates are based on and the facilities are limited to the following hourly and annual throughputs:

- |                            |                           |
|----------------------------|---------------------------|
| (a) 336 tons of grain/hour |                           |
| (b) 280 tons of grain/hour |                           |
| (c)                        | 80,000 tons of grain/year |
| (d) 98 tons of grain /hour | 15,120 tons of grain/year |
| (e) 336 tons of grain/hour |                           |
| (f) 280 tons of grain/hour |                           |
| (g)                        | 35,000 tons of grain/year |

Dated\_\_\_\_\_