

# EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 21318

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)	<u>Emission Rates*</u>	
			lb/hr	TPY
	Railcar Receiving Hopper No. 1	PM PM <sub>10</sub>	1.70 0.25	
	Railcar Receiving Hopper No. 2	PM PM <sub>10</sub>	1.70 0.25	
	Truck Receiving Hopper	PM PM <sub>10</sub>	1.70 0.25	
	Total Receiving Operations	PM PM <sub>10</sub>		0.54 0.08
	Whole Grain Hammermill Bagfilter	PM <sub>10</sub>	0.77	1.34
	Regrind Hammermill Bagfilter	PM <sub>10</sub>	0.77	1.00
	Extruder Cyclone	PM PM <sub>10</sub>	0.67 0.34	1.05 0.53
	Drier-Cooler Cyclone	PM PM <sub>10</sub> SO <sub>2</sub> NO <sub>x</sub> CO VOC	1.57 0.82 0.01 0.88 0.74 0.05	2.47 1.30 0.01 1.58 1.32 0.09
	Railcar Loadout No. 1	PM PM <sub>10</sub>	0.23 0.06	

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## AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	<u>Emission Rates*</u>	
			lb/hr	TPY
	Railcar Loadout No. 2	PM	0.23	
		PM <sub>10</sub>	0.06	
	Truck Loadout	PM	0.23	
		PM <sub>10</sub>	0.06	
	Total Loadout Operations	PM		0.10
		PM <sub>10</sub>		0.03
	Boiler	PM <sub>10</sub>	0.08	0.15
		SO <sub>2</sub>	0.01	0.01
		NO <sub>x</sub>	1.05	2.00
		CO	0.88	1.68
		VOC	0.06	0.11

- (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 area name or fugitive source name.
- (3) PM - particulate matter, suspended in the atmosphere, including PM<sub>10</sub>  
PM<sub>10</sub> - particulate matter 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.
- SO<sub>2</sub> - sulfur dioxide
- NO<sub>x</sub> - total oxides of nitrogen
- CO - carbon monoxide
- VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1

\* Refer to Special Condition No. 1 for throughput limitations and basis of emission rates.

Dated June 3, 2003