

# EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 34440

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
B	Truck Receiving Pit (4)	PM	1.06	--
		PM <sub>10</sub>	0.16	--
C	Railcar Receiving Pit No. 1 (4)	PM	1.06	--
		PM <sub>10</sub>	0.16	--
D	Railcar Receiving Pit No. 2 (4)	PM	1.06	--
		PM <sub>10</sub>	0.16	--
	Total Receiving Operations (4)	PM	--	0.57
		PM <sub>10</sub>	--	0.08
E	Truck Receiving Pit Bagfilter	PM	0.04	0.01
		PM <sub>10</sub>	0.01	<0.01
F	Micro Room Bagfilter	PM/PM <sub>10</sub>	<0.01	<0.01
G	Railcar Receiving Leg Bagfilter No. 1	PM	0.04	0.01
		PM <sub>10</sub>	0.01	<0.01
H	Railcar Receiving Leg Bagfilter No. 2	PM	0.04	0.01
		PM <sub>10</sub>	0.01	<0.01
J	Grinding Unit No. 1 Bagfilter	PM/PM <sub>10</sub>	0.42	0.42
K	Grinding Unit No. 2 Bagfilter	PM/PM <sub>10</sub>	0.42	0.42
L	Pellet Cooler No. 1 Cyclone	PM	6.00	10.28
		PM <sub>10</sub>	3.00	5.14

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M	Pellet Cooler No. 2	PM	6.00	10.28
	Cyclone	PM <sub>10</sub>	3.00	5.14
N	Grain Cleaner Bagfilter	PM/PM <sub>10</sub>	0.01	0.01
P	Packing Aspiration Bagfilter	PM/PM <sub>10</sub>	<0.01	<0.01
Q	Packing Line Bagfilter	PM/PM <sub>10</sub>	<0.01	<0.01
R	Feederline Truck Loadout (4)	PM	0.17	--
		PM <sub>10</sub>	0.04	--
S	Bulk Truck Loadout (4)	PM	0.25	--
		PM <sub>10</sub>	0.06	--
	Total Loadout Operations (4)	PM	--	0.34
		PM <sub>10</sub>	--	0.08
A	400-HP Boiler	PM/PM <sub>10</sub>	0.13	0.15
		SO <sub>2</sub>	0.01	0.01
		NO <sub>x</sub>	1.68	2.00
		CO	1.41	1.68
		VOC	0.09	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 an 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 equal to or less than 10 microns in diameter  
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
- (4) Fugitive emissions are an estimate only.
- \* Refer to Special Conditions for throughput limitations and basis of emission rates.

Dated September 22, 2008