

# EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 73645

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
D1	Truck Receiving Pit 1	PM	2.04	--
		PM <sub>10</sub>	0.30	--
D2	Truck Receiving Pit 2	PM	2.04	--
		PM <sub>10</sub>	0.30	--
D3	Truck Receiving Pit 3	PM	2.04	--
		PM <sub>10</sub>	0.30	--
D4	Truck Receiving Pit 4	PM	2.04	--
		PM <sub>10</sub>	0.30	--
	Total Receiving Operations	PM	--	0.23
		PM <sub>10</sub>	--	0.03
C1	Grain Cleaner Cyclone	PM/PM <sub>10</sub>	1.54	2.40
C2	Grinder Nos. 1 and 2 Cyclone	PM/PM <sub>10</sub>	1.03	1.61
C3	Elevator Cyclone	PM/PM <sub>10</sub>	1.54	2.40
C4	Pellet Cooler Cyclone	PM	1.50	1.43
		PM <sub>10</sub> 0.75	0.71	
B01	200-Hp Boiler	PM/PM <sub>10</sub>	2.22	3.47
		SO <sub>2</sub>	0.01	0.01
		NO <sub>x</sub>	0.84	1.31
		CO	0.71	1.10
		VOC	0.05	0.07

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	<u>Emission Rates*</u>	
			<u>lb/hr</u>	<u>TPY</u>
L1	Truck Loadout No. 1	PM	1.03	--
		PM <sub>10</sub>	0.35	--
L2	Truck Loadout No. 2	PM	1.03	--
		PM <sub>10</sub>	0.35	--
L3	Truck Loadout No. 3	PM	1.03	--
		PM <sub>10</sub>	0.35	--
L4	Truck Loadout No. 4	PM	1.03	--
		PM <sub>10</sub>	0.35	--
L5	Truck Loadout No. 5	PM	1.03	--
		PM <sub>10</sub>	0.35	--
L6	Truck Loadout No. 6	PM	1.03	--
		PM <sub>10</sub>	0.35	--
L7	Truck Loadout No. 7	PM	1.03	--
		PM <sub>10</sub>	0.35	--
L8	Truck Loadout No. 8	PM	1.03	--
		PM <sub>10</sub>	0.35	--
L9	Truck Loadout No. 9	PM	1.03	--
		PM <sub>10</sub>	0.35	--
L10	Truck Loadout No. 10	PM	1.03	--
		PM <sub>10</sub>	0.35	--

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	<u>Emission Rates*</u>	
			<u>lb/hr</u>	<u>TPY</u>
L11	Truck Loadout No. 11	PM	1.03	--
		PM <sub>10</sub>	0.35	--
L12	Truck Loadout No. 12	PM	1.03	--
		PM <sub>10</sub>	0.35	--
L13	Truck Loadout No. 13	PM	1.03	--
		PM <sub>10</sub>	0.35	--
L14	Truck Loadout No. 14	PM	1.03	--
		PM <sub>10</sub>	0.35	--
L15	Truck Loadout No. 15	PM	1.03	--
		PM <sub>10</sub>	0.35	--
L16	Truck Loadout No. 16	PM	1.03	--
		PM <sub>10</sub>	0.35	--
L17	Truck Loadout No. 17	PM	1.03	--
		PM <sub>10</sub>	0.35	--
	Total Loadout Operations	PM	--	1.18
		PM <sub>10</sub>	--	0.40
F1	Dry Bulk Fertilizer Receiving Cyclone	PM/PM <sub>10</sub>	0.50	0.03
F2	Dry Bulk Fertilizer Loadout	PM/PM <sub>10</sub>	0.50	0.03

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- (1) Emission point identification - either specific equipment designation or emission point number from 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 equal to or 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> - nitrogen oxides  
CO - carbon monoxide  
VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1.
- \* Refer to Special Condition No. 4 for throughput limitations and basis of emission rates.

Dated June 14, 2005