

## Emission Sources - Maximum Allowable Emission Rates

Permit Number 71791

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 (4) *	
			lbs/hour	TPY
1	Truck/Rail Receiving Pit	PM	30.60	--
		PM <sub>10</sub>	4.50	--
		PM <sub>2.5</sub>	4.50	--
2	Truck Receiving Pit	PM	3.83	--
		PM <sub>10</sub>	0.56	--
		PM <sub>2.5</sub>	0.56	--
	Total Receiving Operations	PM	--	4.08
		PM <sub>10</sub>	--	0.60
		PM <sub>2.5</sub>	--	0.60
7	Truck Receiving Pit Cyclone	PM	0.77	1.20
		PM <sub>10</sub>	0.77	1.20
		PM <sub>2.5</sub>	0.77	1.20
8	Elevator Legs No. 1 and 2 Baghouse	PM	1.97	3.08
		PM <sub>10</sub>	1.97	3.08
		PM <sub>2.5</sub>	1.97	3.08
6	Headhouse Cyclone	PM	0.77	1.20
		PM <sub>10</sub>	0.77	1.20
		PM <sub>2.5</sub>	0.77	1.20
9	Grain Dryer	PM	21.56	4.93
		PM <sub>10</sub>	5.67	1.66
		PM <sub>2.5</sub>	1.20	0.64
		SO <sub>2</sub>	0.02	0.03
		NO <sub>x</sub>	3.62	5.64

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		CO	3.04	4.74
		VOC	0.20	0.31
3	Truck Loadout Spout No. 1	PM	8.60	--
		PM <sub>10</sub>	2.90	--
		PM <sub>2.5</sub>	0.49	--
4	Truck Loadout Spout No. 2	PM	21.50	--
		PM <sub>10</sub>	7.25	--
		PM <sub>2.5</sub>	1.23	--
5	Rail Loadout Spout	PM	48.60	--
		PM <sub>10</sub>	3.96	--
		PM <sub>2.5</sub>	0.67	--
	Total Loadout Operations	PM	--	20.64
		PM <sub>10</sub>	--	6.96
		PM <sub>2.5</sub>	--	1.18

- (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.
  - (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  
PM<sub>2.5</sub> - particulate matter equal to or less than 2.5 microns in diameter  
SO<sub>2</sub> - sulfur dioxide  
VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
  - (4) Planned startup and shutdown emissions are included. Maintenance activities are not authorized by this permit.
- \* Refer to Special Conditions for throughput limitations and basis of emission rates.

Date: January 31, 2013