

# Emission Sources - Maximum Allowable Emission Rates

Permit Number 73242

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 (5)	
			lbs/hour	TPY (4)
1	Elevator No. 1 Truck Receiving Pit	PM	2.55	0.89
		PM <sub>10</sub>	0.38	0.13
		PM <sub>2.5</sub>	0.06	0.02
2	Elevator No. 2 Truck Receiving Pit	PM	4.08	0.89
		PM <sub>10</sub>	0.60	0.13
		PM <sub>2.5</sub>	0.10	0.02
3	Elevator No. 3 North Truck Receiving Pit	PM	3.57	0.89
		PM <sub>10</sub>	0.53	0.13
		PM <sub>2.5</sub>	0.09	0.02
4	Elevator No. 3 South Truck Receiving Pit	PM	3.57	0.89
		PM <sub>10</sub>	0.53	0.13
		PM <sub>2.5</sub>	0.09	0.02
5	Elevator No. 3 Truck Receiving Pit No. 4	PM	3.57	0.89
		PM <sub>10</sub>	0.53	0.13
		PM <sub>2.5</sub>	0.09	0.02
6	Elevator No. 3 North Rail/Truck Receiving Pit	PM	1.53	0.89
		PM <sub>10</sub>	0.23	0.13
		PM <sub>2.5</sub>	0.04	0.02
7	Elevator No. 3 South Rail/Truck Receiving Pit	PM	1.53	0.89
		PM <sub>10</sub>	0.23	0.13
		PM <sub>2.5</sub>	0.04	0.02
8	Portable Belt Conveyor Receiving (Shed)	PM	0.51	0.89
		PM <sub>10</sub>	0.08	0.13
		PM <sub>2.5</sub>	0.01	0.02

## Emission Sources - Maximum Allowable Emission Rates

	Total Receiving Operations	PM	--	0.89
		PM <sub>10</sub>	--	0.13
		PM <sub>2.5</sub>	--	0.02
Dryer	Grain Dryer	PM	26.54	11.62
		PM <sub>10</sub>	6.74	2.96
		PM <sub>2.5</sub>	1.27	0.56
		VOC	0.10	0.05
		NO <sub>x</sub>	1.80	0.95
		CO	1.52	0.80
		SO <sub>2</sub>	0.01	0.01
9	Elevator No. 1 Truck Loadout Spout	PM	12.90	4.52
		PM <sub>10</sub>	4.35	1.52
		PM <sub>2.5</sub>	0.74	0.26
10	Elevator No. 2 Truck Loadout Spout	PM	20.64	4.52
		PM <sub>10</sub>	6.96	1.52
		PM <sub>2.5</sub>	1.18	0.26
11	Elevator No. 2 Rail/Truck Loadout Spout	PM	5.16	4.52
		PM <sub>10</sub>	1.74	1.52
		PM <sub>2.5</sub>	0.29	0.26
12	Elevator No. 3 Truck Loadout Spout	PM	10.32	4.52
		PM <sub>10</sub>	3.48	1.52
		PM <sub>2.5</sub>	0.59	0.26
13	Elevator No. 3 Scale and Delivery Leg Truck Loadout Spout	PM	18.06	4.52
		PM <sub>10</sub>	6.09	1.52
		PM <sub>2.5</sub>	1.03	0.26
14	Elevator No. 3 Inside Rail/Truck Loadout Spout	PM	7.74	4.52
		PM <sub>10</sub>	2.61	1.52
		PM <sub>2.5</sub>	0.44	0.26
15	Elevator No. 3 Outside Rail/Truck Loadout Spout	PM	7.74	4.52
		PM <sub>10</sub>	2.61	1.52
		PM <sub>2.5</sub>	0.44	0.26

Emission Sources - Maximum Allowable Emission Rates

16	Elevator No. 3 Bins 148 and 149 Truck Loadout Spout	PM	15.48	4.52
		PM <sub>10</sub>	5.22	1.52
		PM <sub>2.5</sub>	0.88	0.26
17	Elevator No. 3 Gluten Truck Loadout Spout	PM	7.74	4.52
		PM <sub>10</sub>	2.61	1.52
		PM <sub>2.5</sub>	0.44	0.26
18	Front End Loader Truck Loadout	PM	10.32	4.52
		PM <sub>10</sub>	3.48	1.52
		PM <sub>2.5</sub>	0.59	0.26
19	Grain Vacuum Truck Loadout Spout	PM	15.48	4.52
		PM <sub>10</sub>	5.22	1.52
		PM <sub>2.5</sub>	0.88	0.26
	Total Loadout Operations	PM	--	4.52
		PM <sub>10</sub>	--	1.52
		PM <sub>2.5</sub>	--	0.26

- (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) VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
- NO<sub>x</sub> - total oxides of nitrogen
- SO<sub>2</sub> - sulfur dioxide
- 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
- CO - carbon monoxide
- (4) Compliance with annual emission limits (tons per year) is based on a 12 month rolling period.
- (5) Planned startup and shutdown emissions are included. Maintenance activities are not authorized by this permit.

Date: April 6, 2015