

# Emission Sources - Maximum Allowable Emission Rates

Permit Number 5396

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)
P-1	East Truck Receiving Pit P-1 (6)	PM	0.48	--
		PM <sub>10</sub>	0.07	--
		PM <sub>2.5</sub>	0.01	--
18	Pit P-1 Cyclone Stack	PM	21.00	--
		PM <sub>10</sub>	5.25	--
		PM <sub>2.5</sub>	0.89	--
P-2	West Truck Receiving Pit P-2 (6)	PM	0.48	--
		PM <sub>10</sub>	0.07	--
		PM <sub>2.5</sub>	0.01	--
49	Pit P-2 Cyclone Stack	PM	21.00	--
		PM <sub>10</sub>	5.25	--
		PM <sub>2.5</sub>	0.89	--
P-3	Rail Receiving Pit P-3 (6)	PM	21.42	--
		PM <sub>10</sub>	3.15	--
		PM <sub>2.5</sub>	0.54	--
P-4	Portable Backup Receiving Pit P-4 (6)	PM	0.34	--
		PM <sub>10</sub>	0.05	--
		PM <sub>2.5</sub>	0.01	--
	Total Receiving Operations (6)	PM	--	11.51
		PM <sub>10</sub>	--	2.66
		PM <sub>2.5</sub>	--	0.45
18	Grain Dryer Cyclone Stack	PM	1.85	2.75

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		PM <sub>10</sub>	0.46	0.69
		PM <sub>2.5</sub>	0.08	0.12
		SO <sub>2</sub>	<0.01	<0.01
		NO <sub>x</sub>	<0.01	<0.01
		CO	<0.01	<0.01
		VOC	<0.01	<0.01
51	Process Line Cyclone Stack	PM	21.00	9.38
		PM <sub>10</sub>	5.25	2.35
		PM <sub>2.5</sub>	0.89	0.40
55	Corn Cracking/Cleaner Unit Cyclone Stack	PM	0.73	3.18
		PM <sub>10</sub>	0.73	3.18
		PM <sub>2.5</sub>	0.73	3.18
BF-MSS	Bagging System Bagfilter MSS (6)	PM	1.08	<0.01
		PM <sub>10</sub>	1.08	<0.01
		PM <sub>2.5</sub>	1.08	<0.01
BF-1	Bagging System Bagfilter Stack	PM	0.31	--
		PM <sub>10</sub>	0.31	--
		PM <sub>2.5</sub>	0.31	--
4	Truck Loadout No. 1 at Pit P-1 (6)	PM	4.30	--
		PM <sub>10</sub>	1.45	--
		PM <sub>2.5</sub>	0.25	--
5	Truck/Rail Loadout Area No. 2 at Cleaning Plant (6)	PM	4.30	--
		PM <sub>10</sub>	1.45	--
		PM <sub>2.5</sub>	0.25	--
6	East Truck Loadout Area No. 3 at Ingredient Bins (6)	PM	4.30	--
		PM <sub>10</sub>	1.45	--
		PM <sub>2.5</sub>	0.25	--
7	West Rail/Truck	PM	4.30	--

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		PM <sub>10</sub>	1.45	--
		PM <sub>2.5</sub>	0.25	--
58	Preclean Bin 3/4 Loadout (6)	PM	3.44	--
		PM <sub>10</sub>	1.16	--
		PM <sub>2.5</sub>	0.20	--
20	Bin 15/16 Loadout (6)	PM	1.72	--
		PM <sub>10</sub>	0.58	--
		PM <sub>2.5</sub>	0.10	--
54	Pit P-2 Dust Bin Loadout (6)	PM	1.72	--
		PM <sub>10</sub>	0.58	--
		PM <sub>2.5</sub>	0.10	--
W2	Wet Bin 2 Loadout (6)	PM	5.16	--
		PM <sub>10</sub>	1.74	--
		PM <sub>2.5</sub>	0.30	--
W3	Wet Bin 3 Loadout (6)	PM	5.16	--
		PM <sub>10</sub>	1.74	--
		PM <sub>2.5</sub>	0.30	--
B22-23	Bin 22/23 Loadout (6)	PM	5.16	--
		PM <sub>10</sub>	1.74	--
		PM <sub>2.5</sub>	0.30	--
B39-44	Bin 39/44 Loadout (6)	PM	5.16	--
		PM <sub>10</sub>	1.74	--
		PM <sub>2.5</sub>	0.30	--
B38	Bin 38 Loadout (6)	PM	5.16	--
		PM <sub>10</sub>	1.74	--
		PM <sub>2.5</sub>	0.30	--
	Total Loadout Operations (6)	PM	--	10.75
		PM <sub>10</sub>	--	3.63
		PM <sub>2.5</sub>	--	0.62

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- (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 annual seasonal throughput.
- (5) Planned startup and shutdown emissions are included. Except where noted, maintenance activities are not authorized by this permit.
- (6) Emission rate is an estimate and is enforceable through compliance with the applicable special condition(s) and permit application representations.

Date: October 31, 2016