

# Emission Sources - Maximum Allowable Emission Rates

Permit Number 70320

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 (6)	
			lbs/hour	TPY (4)
EPN 15	North Grain Receiving Pit, Section G (5)	PM	1.79	-
		PM <sub>10</sub>	0.26	-
		PM <sub>2.5</sub>	0.04	-
EPN 16	South Grain Receiving Pit, Section G (5)	PM	1.79	-
		PM <sub>10</sub>	0.26	-
		PM <sub>2.5</sub>	0.04	-
EPN 21	Grain Receiving Pit, Section H (5)	PM	3.57	-
		PM <sub>10</sub>	0.53	-
		PM <sub>2.5</sub>	0.09	-
EPN 32	Grain Receiving Pit, Section I (5)	PM	4.76	-
		PM <sub>10</sub>	0.70	-
		PM <sub>2.5</sub>	0.12	-
	Total Annual Receiving Operations	PM	-	0.38
		PM <sub>10</sub>	-	0.06
		PM <sub>2.5</sub>	-	0.01
EPN 17	Distributor Loadout, Section G (5)	PM	9.03	
		PM <sub>10</sub>	3.05	
		PM <sub>2.5</sub>	0.51	
EPN 18	Grain Bin No. 12 Loadout, Section G (5)	PM	12.90	-
		PM <sub>10</sub>	4.35	-
		PM <sub>2.5</sub>	0.74	-
EPN 19	Grain Bin No. 9 Loadout, Section G (5)	PM	12.90	-
		PM <sub>10</sub>	4.35	-
		PM <sub>2.5</sub>	0.74	-

Emission Sources - Maximum Allowable Emission Rates

EPN 22A	Distributor Loadout No. 1, Section H (5)	PM	7.74	-
		PM <sub>10</sub>	2.61	-
		PM <sub>2.5</sub>	0.44	-
EPN 22B	Distributor Loadout No. 2, Section H (5)	PM	7.74	-
		PM <sub>10</sub>	2.61	-
		PM <sub>2.5</sub>	0.44	-
EPN 23	Grain Bin No. 1 Loadout, Section H (5)	PM	15.48	-
		PM <sub>10</sub>	5.22	-
		PM <sub>2.5</sub>	0.88	-
EPN 24	Grain Bin No. 2 Loadout, Section H (5)	PM	15.48	-
		PM <sub>10</sub>	5.22	-
		PM <sub>2.5</sub>	0.88	-
EPN 25	Grain Bin No. 3 Loadout, Section H (5)	PM	15.48	-
		PM <sub>10</sub>	5.22	-
		PM <sub>2.5</sub>	0.88	-
EPN 26	Grain Bin No. 4 Loadout, Section H (5)	PM	15.48	-
		PM <sub>10</sub>	5.22	-
		PM <sub>2.5</sub>	0.88	-
EPN 27	Grain Bin No. 4 Loadout to Ground Augur, Section H (5)	PM	6.45	-
		PM <sub>10</sub>	2.18	-
		PM <sub>2.5</sub>	0.37	-
EPN 28	Grain Bin No. 6 Loadout, Section H (5)	PM	15.48	-
		PM <sub>10</sub>	5.22	-
		PM <sub>2.5</sub>	0.88	-
EPN 29	Grain Bin No. 7 Loadout, Section H (5)	PM	15.48	-
		PM <sub>10</sub>	5.22	-
		PM <sub>2.5</sub>	0.88	-
EPN 30	Grain Bin No. 8 Loadout, Section H (5)	PM	15.48	-
		PM <sub>10</sub>	5.22	-

Emission Sources - Maximum Allowable Emission Rates

		PM <sub>2.5</sub>	0.88	-
EPN 31	Grain Bin No. 9 Loadout, Section H (5)	PM	15.48	-
		PM <sub>10</sub>	5.22	-
		PM <sub>2.5</sub>	0.88	-
EPN 33	Elevator Leg with Distributor Loadout, Section I (5)	PM	24.08	-
		PM <sub>10</sub>	8.12	-
		PM <sub>2.5</sub>	1.37	-
EPN 34	Loadout Augur, Section H (5)	PM	36.12	-
		PM <sub>10</sub>	12.18	-
		PM <sub>2.5</sub>	2.06	-
	Total Annual Loadout Operations	PM	-	1.92
		PM <sub>10</sub>	-	0.65
		PM <sub>2.5</sub>	-	0.11
EPN 20	Shanzer Grain Dryer (5)	PM	13.32	0.33
		PM <sub>10</sub>	3.42	0.09
		PM <sub>2.5</sub>	0.68	0.02
		SO <sub>2</sub>	0.01	0.01
		NO <sub>x</sub>	1.60	0.04
		CO	1.34	0.04
		VOC	0.09	0.01

- (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) Emission rate is an estimate and is enforceable through compliance with the applicable special condition(s) and permit application representations.
- (6) Planned startup and shutdown emissions are included. Maintenance activities are not authorized by this permit.

Date: December 3, 2018

Emission Sources - Maximum Allowable Emission Rates