

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. 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
EPN 15	North Grain Receiving Pit, Section G	PM	1.79	--
		PM ₁₀	0.26	--
EPN 16	South Grain Receiving Pit, Section G	PM	1.79	--
		PM ₁₀	0.26	--
EPN 21	Grain Receiving Pit, Section H	PM	3.57	--
		PM ₁₀	0.53	--
EPN 32	Grain Receiving Pit, Section I	PM	4.76	--
		PM ₁₀	0.70	--
	Total Receiving Operations, Section G, H, and I	PM	--	0.75
		PM ₁₀	--	0.11
EPN 20	Shanzer Grain Dryer	PM	13.20	0.33
		PM ₁₀	3.42	0.09
		SO ₂	<0.01	<0.01
		NO _x	1.60	0.04
		CO	1.34	0.04
		VOC	0.09	<0.01
EPN 17	Distributor Loadout, Section G	PM	9.03	--
		PM ₁₀	3.05	--
EPN 18	Grain Bin No. 12 Loadout, Section G	PM	12.90	--
		PM ₁₀	4.35	--
EPN 19	Grain Bin No. 9 Loadout, Section G	PM	12.90	--
		PM ₁₀	4.35	--

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	Total Loadout	PM	--	0.90
	Operations, Section G (EPNs 17, 18, and 19)	PM ₁₀	--	0.30
EPN 22A	Distributor Loadout No. 1, Section H	PM	7.74	--
		PM ₁₀	2.61	--
EPN 22B	Distributor Loadout No. 2, Section H	PM	7.74	--
		PM ₁₀	2.61	--
EPN 33	Elevator Leg with Distributor Loadout, Section I	PM	24.08	--
		PM ₁₀	8.12	--
	Total Distributor Loadout, Section H and I (EPNs 22A, 22B, and 33)	PM	--	0.70
		PM ₁₀	--	0.24
EPN 23	Grain Bin No. 1 Loadout, Section H	PM	15.48	--
		PM ₁₀	5.22	--
EPN 24	Grain Bin No. 2 Loadout, Section H	PM	15.48	--
		PM ₁₀	5.22	--
EPN 25	Grain Bin No. 3 Loadout, Section H	PM	15.48	--
		PM ₁₀	5.22	--
EPN 26	Grain Bin No. 4 Loadout, Section H	PM	15.48	--
		PM ₁₀	5.22	--
EPN 27	Grain Bin No. 4 Loadout to Ground Auger, Section H	PM	6.45	--
		PM ₁₀	2.18	--
EPN 28	Grain Bin No. 6 Loadout, Section H	PM	15.48	--
		PM ₁₀	5.22	--
EPN 29	Grain Bin No. 7 Loadout, Section H	PM	15.48	--
		PM ₁₀	5.22	--

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EPN 30	Grain Bin No. 8 Loadout, Section H	PM	15.48	--
		PM ₁₀	5.22	--
EPN 31	Grain Bin No. 9 Loadout, Section H	PM	15.48	--
		PM ₁₀	5.22	--
EPN 34	Loadout Auger, Section H	PM	36.12	--
		PM ₁₀	12.18	--
	Total Grain Bin Loadout, Section H (EPNs 23, 24, 25, 26, 27, 28, 29, 30, 31, and 34)	PM	--	1.32
		PM ₁₀	--	0.44

- (1) Emission point identification - either specific equipment designation or emission point number from a plot plan.
- (2) Specific point source names. For fugitive sources, use an area name or fugitive source name.
- (3) VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
 - NO_x - total oxides of nitrogen
 - SO₂ - sulfur dioxide
 - PM - particulate matter, suspended in the atmosphere, including PM₁₀ and PM_{2.5}
 - PM₁₀ - particulate matter equal to or less than 10 microns in diameter
 - CO - carbon monoxide

Dated April 13, 2009