

Emission Sources - Maximum Allowable Emission Rates

Permit Number 73212

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)
GE-1	Truck Receiving Pit No. 1 (5)	PM	1.02	--
		PM ₁₀	0.15	--
		PM _{2.5}	0.03	--
GE-2	Truck Receiving Pit No. 2 (5)	PM	1.28	--
		PM ₁₀	0.19	--
		PM _{2.5}	0.03	--
FM-1	Truck Receiving Pit – Mill (5)	PM	0.77	--
		PM ₁₀	0.11	--
		PM _{2.5}	0.02	--
	Total Annual Receiving (5)	PM	--	0.43
		PM ₁₀	--	0.06
		PM _{2.5}	--	0.01
GE-3	Truck Loadout No. 1 (5)	PM	5.16	--
		PM ₁₀	1.74	--
		PM _{2.5}	0.29	--
GE-4	Truck Loadout No. 2 (5)	PM	6.45	--
		PM ₁₀	2.18	--
		PM _{2.5}	0.37	--
GE-5	Truck Loadout No. 3 (5)	PM	10.75	--
		PM ₁₀	3.63	--

Emission Sources – Maximum Allowable Emission Rates

		PM _{2.5}	0.61	--
GE-6	Truck Loadout No. 4 (5)	PM	10.75	--
		PM ₁₀	3.63	--
		PM _{2.5}	0.61	--
GE-7	Truck Loadout No. 5 (5)	PM	3.87	--
		PM ₁₀	1.31	--
		PM _{2.5}	0.22	--
GE-8	Truck Loadout No. 6 (5)	PM	0.86	--
		PM ₁₀	0.29	--
		PM _{2.5}	0.05	--
	Total Truck Loadout- Grain (5)	PM	--	1.08
		PM ₁₀	--	0.36
		PM _{2.5}	--	0.06
GE-9	Corn Scalper Cyclone Stack	PM	3.38	1.88
		PM ₁₀	0.86	0.48
		PM _{2.5}	0.14	0.08
FM-2	Crimper Cooler (5)	PM	<0.01	<0.01
		PM ₁₀	<0.01	<0.01
		PM _{2.5}	<0.01	<0.01
FM-4	Grain Cracker Cyclone Stack	PM	1.08	0.60
		PM ₁₀	0.54	0.30
		PM _{2.5}	0.09	0.05
FM-5	Mill #1 Pellet Cooler Cyclone Stack	PM	0.70	0.39
		PM ₁₀	0.10	0.05

Emission Sources – Maximum Allowable Emission Rates

		PM _{2.5}	0.02	0.01
FM-10	Mill #2 Pellet Cooler Cyclone Stack	PM	0.70	0.39
		PM ₁₀	0.10	0.05
		PM _{2.5}	0.02	0.01
FM-6	Truck Loadout No. 1 (5)	PM	0.26	--
		PM ₁₀	0.06	--
		PM _{2.5}	0.01	--
FM-7	Truck Loadout No. 2 (5)	PM	0.43	--
		PM ₁₀	0.10	--
		PM _{2.5}	0.02	--
FM-8	No. 1 Bagging System Loadout (5)	PM	<0.01	--
		PM ₁₀	<0.01	--
		PM _{2.5}	<0.01	--
FM-9	No. 2 Bagging System Loadout (5)	PM	0.01	--
		PM ₁₀	<0.01	--
		PM _{2.5}	<0.01	--
	Total Finished Feed Loadout (5)	PM	--	0.08
		PM ₁₀	--	0.02
		PM _{2.5}	--	<0.01
FM-11	40-HP Boiler Stack	PM	0.01	0.04
		PM ₁₀	0.01	0.04
		PM _{2.5}	0.01	0.04
		VOC	0.01	0.03
		NO _x	0.13	0.58

Emission Sources – Maximum Allowable Emission Rates

		CO	0.11	0.49
		SO ₂	<0.01	<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_x - total oxides of nitrogen
 SO₂ - sulfur dioxide
 PM - total particulate matter, suspended in the atmosphere, including PM₁₀ and PM_{2.5}, as represented
 PM₁₀ - total particulate matter equal to or less than 10 microns in diameter, including PM_{2.5}, as represented
 PM_{2.5} - 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: January 31, 2019