

Emission Sources - Maximum Allowable Emission Rates

Permit Number 4547

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 (4)*	
			lbs/hour	TPY
	Corn Receiving Pit	PM	37.06	--
		PM ₁₀	5.45	--
	Receiving Pit No. 4	PM	3.71	--
		PM ₁₀	0.55	--
	Total Corn Plant Receiving Operations	PM	--	0.21
		PM ₁₀	--	0.03
C-15	Cyclone Dust Collector (Pit No. 4 and Elevator Leg [D4/E-1])	PM	16.35	0.09
		PM ₁₀	4.14	0.02
C-16	Scalperator Cyclone (D4/M-1)	PM	16.35	0.09
		PM ₁₀	4.14	0.02
C-22	Sheller Cyclone (CD/M-7)	PM	16.35	0.09
		PM ₁₀	4.14	0.02
	Building No. 5 Dryer (15 MM Btu/hr)	PM	48.07	--
		PM ₁₀	12.10	--
		SO ₂	0.01	--
		NO _x	1.50	--
		CO	1.26	--
		VOC	0.08	--

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	Building No. 6 Dryer (15 MM Btu/hr)	PM	48.07	--
		PM ₁₀	12.10	--
		SO ₂	0.01	--
		NO _x	1.50	--
		CO	1.26	--
		VOC	0.08	--
	Dryer No. 8 (D4/M-5 [5 MM Btu/hr])	PM	48.00	--
		PM ₁₀	12.03	--
		SO ₂	<0.01	--
		NO _x	0.50	--
		CO	0.42	--
		VOC	0.03	--
	Total Drying Operations	PM	--	0.62
		PM ₁₀	--	0.42
		SO ₂	--	0.02
		NO _x	--	4.71
		CO	--	3.94
		VOC	--	0.26
	CD Truck Loadout No. 1	PM	18.75	--
		PM ₁₀	6.32	--
	CD Truck Loadout No. 2	PM	18.75	--
		PM ₁₀	6.32	--
	Total Loadout Operations	PM	--	0.11
		PM ₁₀	--	0.04

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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_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
CO - carbon monoxide
 - (4) Planned startup and shutdown emissions are included. Maintenance activities are not authorized by this permit.
- * See Special Condition No. 3 for throughput limitations and basis of emission rates.

Dated: March 28, 2013