

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. 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 *	
			lb/hr	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	PM	--	0.21
	Receiving Operations	PM ₁₀	--	0.03
C-15	Cyclone Dust Collector	PM	16.35	0.09
	(Pit No. 4 and Elevator Leg [D4/E-1])	PM ₁₀	4.14	0.02
C-16	Scalperator Cyclone	PM	16.35	0.09
	(D4/M-1)	PM ₁₀	4.14	0.02
C-22	Sheller Cyclone	PM	16.35	0.09
	(CD/M-7)	PM ₁₀	4.14	0.02
	Building No. 5 Dryer	PM	48.07	--
	(15 MM Btu/hr)	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

(1) Emission point identification - either specific equipment designation or emission point number

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from a plot plan.

- (2) Specific point source names. For fugitive sources, use an area name or fugitive source name.
- (3) PM - particulate matter, suspended in the atmosphere, including PM₁₀.
 - PM₁₀ - particulate matter equal to or less than 10 microns in diameter. Where PM is not listed, it shall be assumed that no particulate matter greater than 10 microns is emitted.
 - SO₂ - sulfur dioxide
 - NO_x - total oxides of nitrogen
 - CO - carbon monoxide
 - VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1

* See Special Condition No. 3 for throughput limitations and basis of emission rates.

Dated April 22, 2005