

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 54541

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
4	Cottonseed Receiving Cyclone (CYC-7)	PM/PM ₁₀	1.04	2.86
1	Cimco Preheater Cyclone (CYC-1)	PM/PM ₁₀	0.82	2.25
		SO ₂	<0.01	<0.01
		NO _x	0.10	0.28
		CO	0.08	0.23
		VOC	0.01	0.02
2	Delinting Drum Burner (0.5 MMBtu/hr)	PM/PM ₁₀	<0.01	0.01
		SO ₂	<0.01	<0.01
		NO _x	0.05	0.14
		CO	0.04	0.12
		VOC	<0.01	0.01
5	Delinting Drum Bagfilter (FTR-2)	PM ₁₀ /NH ₄ Cl	0.43	1.18
		NH ₃	0.80	2.20
7	North and South Buffing Reels Bagfilter (FTR-1)	PM/PM ₁₀	1.42	3.91
6	Crippen Cleaner/Cull Bin Cyclone (CYC-9)	PM/PM ₁₀	0.63	1.73
9	Crippen Cleaner Cyclone (CYC-6A)	PM/PM ₁₀	0.60	1.65
10	Crippen Cleaner Cyclone (CYC-6B)	PM/PM ₁₀	0.60	1.65

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	<u>Emission Rates *</u>	
			lb/hr	TPY
8	Bagger Cyclone (CYC-10)	PM/PM ₁₀	0.20	0.55
11	North Lint Bin Loadout	PM	0.01	-
		PM ₁₀ <0.01	-	
12	South Lint Bin Loadout	PM	0.01	-
		PM ₁₀ <0.01	-	
	Total Lint Bin Loadout	PM	-	0.02
		PM ₁₀ -	0.01	
13	Cull Bin Hopper Loadout	PM	0.07	0.18
		PM ₁₀ 0.02	0.06	

(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) 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 PM 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

NH₃ - ammonia

NH₄Cl - ammonium chloride

* Refer to Special Condition No. 1 for throughput limitations and basis of emission rates.

Dated April 5, 2005