

# 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 Operations Cyclone (CYC-7)	PM/PM <sub>10</sub>	0.70	1.40
1	Cimco Preheater Cyclone ([CYC-1] 1 MMBtu/hr]	PM/PM <sub>10</sub>	0.27	0.54
		SO <sub>2</sub>	<0.01	<0.01
		NO <sub>x</sub>	0.10	0.20
		CO	0.08	0.17
		VOC	0.01	0.01
2	Delinting Drum Burner (0.5 MMBtu/hr)	PM/PM <sub>10</sub>	<0.01	0.01
		SO <sub>2</sub>	<0.01	<0.01
		NO <sub>x</sub>	0.05	0.10
		CO	0.04	0.08
		VOC	<0.01	0.01
FUG1	Delinting Drum (4)	HCl	0.60	1.10
5	Delinting Drum Bagfilter (FTR-2)	PM <sub>10</sub> /NH <sub>4</sub> Cl	0.22	0.45
		NH <sub>3</sub>	0.15	0.28
7	North and South Buffing Reels Bagfilter (FTR-1)	PM/PM <sub>10</sub>	0.71	1.44
6	Crippen Cleaner/Cull Bin Cyclone (CYC-9)	PM/PM <sub>10</sub>	0.42	0.84

9	Crippen Cleaner Cyclone A (CYC-6A)	PM/PM <sub>10</sub>	0.20	0.41
10	Crippen Cleaner Cyclone B (CYC-6B)	PM/PM <sub>10</sub>	0.20	0.41
8	Bagger No. 1 and Bagger No. 2 Cyclone ([CYC-10] Seed Treatment Processes)	PM/PM <sub>10</sub> VOC HAPs (5)	0.07 7.48 0.32	0.13 11.22 0.48
FUG 2	Bagging and Seed Treatment (4)	PM/PM <sub>10</sub> VOC 0.83 HAPs (5)	0.16 1.67 0.04	0.24 - 0.48
11	North Lint Bin Loadout	PM PM <sub>10</sub> 0.02	0.05 -	-
12	South Lint Bin Loadout	PM PM <sub>10</sub> 0.02	0.05 -	-
	Total Lint Bin Loadout	PM PM <sub>10</sub> -	- 0.03	0.10
13	Cull Bin Hopper Loadout	PM PM <sub>10</sub> 0.02	0.07 0.05	0.14

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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) PM - particulate matter, suspended in the atmosphere, including PM<sub>10</sub>  
PM<sub>10</sub> - 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.  
SO<sub>2</sub> - sulfur dioxide  
NO<sub>x</sub> - total oxides of nitrogen  
CO - carbon monoxide  
VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1  
HCl - hydrogen chloride  
NH<sub>4</sub>Cl - ammonium chloride  
NH<sub>3</sub> - ammonia  
HAPs - hazardous air pollutants
  - (4) Fugitive emissions are an estimate only
  - (5) HAP emissions are included in the total hourly and annual VOC emission rates.
- \* Refer to Special Condition Nos. 4, 5, and 6 for throughput limitations and basis of emission rates.

Dated November 13, 2006