

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	Receiving Cyclone Separator (CYC-7)	PM ₁₀	1.04	2.27
1	Cimco Preheater Cyclone (CYC-1)	PM ₁₀	0.89	1.94
		SO ₂	<0.01	<0.01
		NO _x	0.10	0.21
		CO	0.08	0.18
		VOC	0.01	0.01
2	Burner (0.5 MMBtu/hr)	PM ₁₀	<0.01	0.01
		SO ₂	<0.01	<0.01
		NO _x	0.05	0.11
		CO	0.04	0.09
		VOC	<0.01	0.01
5	Delinting Drum Cyclone (CYC-8)	PM ₁₀	1.35	2.95
		HCl	2.36	5.72
7	Buffing Reel (North and South) Bagfilter (FTR-1)	PM ₁₀	1.42	3.01
9	Crippen Cleaner Cyclone (CYC-6A)	PM ₁₀	0.60	1.31
10	Crippen Cleaner Cyclone (CYC-6B)	PM ₁₀	0.60	1.31
8	Bagger Cyclone (CYC-10)	PM ₁₀	0.20	0.44

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	<u>Emission Rates *</u>	
			<u>lb/hr</u>	<u>TPY</u>
11	North Lint Bin Loadout	PM PM ₁₀ <0.01	0.01	
12	South Lint Bin Loadout	PM PM ₁₀ <0.01	0.01	
	Total Lint Bin Loadout	PM PM ₁₀	0.01	0.02
13	Cull Bin Hopper Loadout	PM PM ₁₀ 0.02	0.07 0.05	0.15
6	Cull Bin Cyclone (CYC-9)	PM ₁₀	0.63	1.38

- (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 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
 HCl - hydrochloric acid

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