

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 4290

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
FGTV-1	Cottonseed Receiving/Handling Operations (4)	PM	181.25	8.46
		PM ₁₀	50.00	3.50
CYC-5	Fuzzy Seed Vacuum Cyclone	PM	5.15	2.89
		PM ₁₀	1.79	1.00
B-2	Delinting Drum and Scalperator Cyclones Baghouse Stack	PM/PM ₁₀	<0.01	<0.01
DRY-1	Main Dryer	PM/PM ₁₀	0.03	0.04
		SO ₂	<0.01	<0.01
		NO _x	0.37	0.50
		CO	0.31	0.42
		VOC	0.02	0.03
CYC-1	Main Dryer/Acid Drum Weigh Hopper Cyclone	PM	5.15	2.89
		PM ₁₀	1.79	1.00
DRUM-1	Delinting Drum Burner	PM/PM ₁₀	0.01	0.02
		SO ₂	<0.01	<0.01
		NO _x	0.19	0.25
		CO	0.16	0.21
		VOC	0.01	0.01
FGTV-2	Delinting Drum, Neutralizer 1, and Neutralizer 2 (4)	PM	5.15	2.89
		PM ₁₀	1.79	1.00
		HCl	0.98	0.98
		NH ₃	1.40	1.40

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lb/hr	TPY
CYC-3	Cleaner Cyclone	PM	5.15	2.89
		PM ₁₀ 1.79	1.00	
CYC-4	Primary and Secondary Gravity Table Cyclone	PM	3.09	1.73
		PM ₁₀	1.07	0.60
PE-1	Seed Bin, Treater, and Polishing Drum	PM/PM ₁₀	8.20	0.43
		VOC	39.27	7.30
DRUM-2	Polishing Drum 2 Burner	PM/PM ₁₀	0.01	0.01
		SO ₂ <0.01	<0.01	
		NO _x	0.09	0.13
		CO 0.07	0.11	
		VOC 0.01	0.01	
DRUM-3	Small Polishing Drum Burner	PM/PM ₁₀	0.01	0.01
		SO ₂ <0.01	<0.01	
		NO _x	0.09	0.13
		CO 0.07	0.11	
		VOC 0.01	0.01	
CYC-2	Shaker, Aspirator, Pour Back, and Bulk Packaging Cyclone	PM/PM ₁₀	0.82	0.04
PE-2	Bagger	PM/PM ₁₀	8.20	0.43
LINT-1	Trash and Lint Bin Loadout	PM	1.80	1.80
		PM ₁₀ 0.90	0.90	
PE-3	Rebagger Treater (4)	PM	0.83	0.18
		PM ₁₀ 0.29	0.06	
		VOC	27.50	1.86
B-3	Rebagger Aspirator Baghouse Stack	PM/PM ₁₀	0.83	0.18

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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 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
- (4) Fugitive emissions are an estimate only

Dated March 6, 2007