

Emission Sources - Maximum Allowable Emission Rates

Permit Number 73107

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, sources, and related activities. 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 (5)	
			lbs/hour	TPY (4)
1	Fuzzy Cottonseed Handling	PM	7.74	0.47
		PM ₁₀	2.61	0.16
REC-1	Fuzzy Cottonseed Receiving	PM	0.77	0.09
		PM ₁₀	0.11	0.01
C-1	Dryer Cyclone	PM	0.52	0.57
		PM ₁₀	0.52	0.57
		VOC	0.02	0.02
		NO _x	0.30	0.45
		CO	0.25	0.38
		SO ₂	< 0.01	< 0.01
C-7	Charger Cyclone	PM	1.48	2.22
		PM ₁₀	1.48	2.22
C-5	Delinting Drum Cyclone Stack	HCl	4.00	4.34
C-6	Seed Cleaning Area Cyclone	PM	0.82	1.23
		PM ₁₀	0.82	1.23
C-4	Buffing Reels Cyclone	PM	0.64	0.96
		PM ₁₀	0.64	0.96
C-2/C-3	Clipper Seed Cleaner Cyclones	PM	1.64	2.46
		PM ₁₀	1.64	2.46
L-CL	Cull Seed Bin Loadout	PM	3.87	--
		PM ₁₀	1.31	--
L-LB	Lint Box Loadout	PM	1.03	--

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		PM ₁₀	0.35	--
L-TB	Trash Box Loadout	PM	1.94	--
		PM ₁₀	0.65	--
	Total Trash Loadout Operations (EPN's L-CL, L-LB, and L-TB)	PM	--	0.12
		PM ₁₀	--	0.04

- (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 - total particulate matter, suspended in the atmosphere, including PM₁₀ and PM_{2.5}, as represented
 PM₁₀ - total particulate matter equal to or less than 10 microns in diameter, including PM_{2.5}, as represented
 VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
 NO_x - total oxides of nitrogen
 CO - carbon monoxide
 SO₂ - sulfur dioxide
 HCl - hydrogen chloride
- (4) Compliance with annual emission limits (tons per year) is based on a 12-month rolling period.
- (5) Planned startup and shutdown emissions are included. Maintenance activities are not authorized by this permit.

Date: August 22, 2012