

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 73287

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
SR01-1, 2	Warehouse Nos. 1 and 2 Receiving	PM	4.25	-
		PM ₁₀	0.63	-
SR01-3, 4	Warehouse Nos. 3 and 4 Receiving	PM	2.15	-
		PM ₁₀	0.73	-
SR01-5, 6, and 7	Warehouse Nos. 5, 6, and 7 Receiving	PM	4.25	-
		PM ₁₀	0.63	-
SR01-13 through 42	Warehouse Nos. 13 through 42 Receiving	PM	2.15	-
		PM ₁₀	0.73	-
SR01-43 through 45	Warehouse Nos. 43 through 45 Receiving	PM	2.15	-
		PM ₁₀	0.08	-
SR01, SR02, and SR03	Warehouse Nos. 8, 9, and 10 Receiving/Seed Drop Cyclones	PM	4.25	-
		PM ₁₀	0.63	-
	Total Warehouse Receiving Operations	PM	-	1.49
		PM ₁₀	-	0.22
SR01-P1	Cottonseed Receiving Area/Pit	PM	2.55	0.94
		PM ₁₀	0.38	0.14
DP03	Rotary Dryer Cyclone	PM/PM ₁₀	0.92	2.02
		VOC	0.02	0.04
		NO _x	0.30	0.66
		CO	0.25	0.55
		SO ₂	<0.01	<0.01

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	TPY
DP01	Delinting Drums Bagfilter	PM ₁₀ /NH ₄ Cl	0.86	1.88
		NH ₃ 0.30	0.21	
DP02	Delinting Plant Vacuum Cyclone	PM/PM ₁₀	1.16	2.54
DP04	Cleaner Cyclone	PM/PM ₁₀	1.44	3.15
DP05	Buffers Cyclone	PM/PM ₁₀	1.03	2.26
DP06	Gravity Separators Cyclone	PM/PM ₁₀	0.77	1.69
TP01 and TP03	Drum Filter and Aspirator Sock Filter Stacks - Treatment Plant Processes	PM/PM ₁₀	0.25	0.54
		VOC	47.30	29.71
TP02	Barrel Filters (Fugitives)	PM/PM ₁₀	<0.01	0.01
L1	Trash Loadout	PM	0.42	0.29
		PM ₁₀	0.14	0.10

(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.

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

NH₄Cl - ammonium chloride

NH₃ - ammonia

* Refer to Special Condition Nos. 4 and 5 for throughput limitations and basis of emission rates.

Dated December 13, 2005