

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, 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	
			lbs/hour	TPY (4)
SR01A	Warehouse Nos. 1 and 2 Receiving Pit (5)	PM	4.50	--
		PM ₁₀	0.68	--
		PM _{2.5}	0.12	--
SR01B	Warehouse Nos. 5-10 Receiving Pit (5)	PM	4.50	--
		PM ₁₀	0.68	--
		PM _{2.5}	0.12	--
SR01C	Warehouse Nos. 43-52 Receiving Pits (5)	PM	13.50	--
		PM ₁₀	2.03	--
		PM _{2.5}	0.35	--
SR02	Warehouse No. 8 Seed Drop Cyclone Stack	PM	0.04	--
		PM ₁₀	0.01	--
		PM _{2.5}	0.01	--
SR03	Warehouse No. 9 Seed Drop Cyclone Stack	PM	0.04	--
		PM ₁₀	0.01	--
		PM _{2.5}	0.01	--
SR04	Warehouse No. 10 Seed Drop Cyclone Stack	PM	0.04	--
		PM ₁₀	0.01	--
		PM _{2.5}	0.01	--
SR05	Delinting Plant Receiving Pit (5)	PM	2.70	--
		PM ₁₀	0.41	--
		PM _{2.5}	0.07	--
	Total Annual Receiving Operations (5)	PM	---	1.58

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		PM ₁₀	--	0.24
		PM _{2.5}	--	0.04
DP03	Delinting Rotary Dryer Cyclone Stack	PM	1.56	3.43
		PM ₁₀	1.56	3.43
		PM _{2.5}	1.56	3.43
		NO _x	0.29	0.64
		CO	0.25	0.54
		SO ₂	<0.01	<0.01
		VOC	0.02	0.04
DP01	Charging Carts, Delinting Drums, Delinting Hopper, Delinting Elevator Leg, Cleaner, and Buffer Bagfilter Stack	PM	3.00	6.57
		PM ₁₀	3.00	6.57
		PM _{2.5}	3.00	6.57
		HCl (HAP)	0.96	0.68
DP02	Delinting Plant Vacuum Cyclone Stack	PM	1.16	2.53
		PM ₁₀	1.16	2.53
		PM _{2.5}	1.16	2.53
DP06	Gravity Separators Cyclone Stack	PM	0.77	1.69
		PM ₁₀	0.77	1.69
		PM _{2.5}	0.77	1.69
L1	Lint/Culls Loadout (5)	PM	0.42	0.29
		PM ₁₀	0.14	0.10
		PM _{2.5}	0.02	0.02
TP04	Rebagging/New Seed Aspirator Bagfilter Stack	PM	0.20	0.43
		PM ₁₀	0.20	0.43
		PM _{2.5}	0.20	0.43
TP01	Line 1 Seed Treating and Packaging Processes Drum Filter Stack	PM	0.77	1.69
		PM ₁₀	0.77	1.69
		PM _{2.5}	0.77	1.69

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TP02	Seed Treatment Line Drum Filter Cleaning Systems Fugitives Catch Sock Filter Stack	PM	<0.01	<0.01
		PM ₁₀	<0.01	<0.01
		PM _{2.5}	<0.01	<0.01
TP03	Seed Treatment Line Aspirator Sock Filter Stack	PM	0.14	0.30
		PM ₁₀	0.14	0.30
		PM _{2.5}	0.14	0.30
TP05	Line 2 Color Sorter, Seed Surge Bin, and Mica Feeder Drum Filter Stack	PM	0.43	0.94
		PM ₁₀	0.43	0.94
		PM _{2.5}	0.43	0.94
DP04	Middling Gravity Table Cyclone Stack	PM	1.34	2.93
		PM ₁₀	1.34	2.93
		PM _{2.5}	1.34	2.93
DP05	Cleaner Elevator Leg, Main Gravity Bin, Treating and Packaging Conveyor, Good Seed Conveyor, Middling Elevator Leg, Middling Bins, and Box Filling Bin Cyclone Stack	PM	1.39	3.04
		PM ₁₀	1.39	3.04
		PM _{2.5}	1.39	3.04

- (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) VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
NO_x - total oxides of nitrogen
SO₂ - sulfur dioxide
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
PM_{2.5} - particulate matter equal to or less than 2.5 microns in diameter
CO - carbon monoxide
HCl - hydrogen chloride
HAP - hazardous air pollutant as listed in § 112(b) of the Federal Clean Air Act or Title 40 Code of Federal Regulations Part 63, Subpart C
- (4) Compliance with annual emission limits (tons per year) is based on a 12 month rolling period.
- (5) Emission rate is an estimate and is enforceable through compliance with the applicable special condition(s) and permit application representations.
- (6) Planned startup and shutdown emissions are included. Maintenance activities are not authorized by this permit.

Date: October 6, 2016