

Emission Sources - Maximum Allowable Emission Rates

Permit Number 118053

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)
EP1	Main Line Truck Receiving Pit Fugitives (6)	PM	7.56	3.31
		PM ₁₀	2.48	1.09
		PM _{2.5}	0.42	0.18
EP3	Seed Dryer Stack	PM	4.93	4.05
		PM ₁₀	1.23	1.01
		PM _{2.5}	0.21	0.17
		CO	0.12	0.26
		NO _x	0.01	0.01
		SO ₂	<0.01	<0.01
		VOC	0.01	0.02
EP4	Bin to Truck Loadout Spout Fugitives (6)	PM	3.61	1.58
		PM ₁₀	1.22	0.53
		PM _{2.5}	0.21	0.09
EP5	Seed Intake Dump From Truck Fugitives (6)	PM	7.56	3.31
		PM ₁₀	2.48	1.09
		PM _{2.5}	0.42	0.18
EP6	Color Sorter Cyclone Stack	PM	0.38	0.34
		PM ₁₀	0.21	0.19
		PM _{2.5}	0.04	0.03

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EP7	Gravity Deck Cyclone Stack	PM	0.38	0.34
		PM ₁₀	0.21	0.19
		PM _{2.5}	0.04	0.03
EP7.5	Cleaner Cyclone Stack	PM	2.84	2.07
		PM ₁₀	0.72	0.52
		PM _{2.5}	0.12	0.09
EP8	Seed Treater, Bagging Bin, and Baggers System Cyclone Stack	PM	0.82	0.50
		PM ₁₀	0.46	0.21
		PM _{2.5}	0.08	0.04
EP9	Cull Loadout Fugitives (6)	PM	2.89	0.28
		PM ₁₀	0.97	0.09
		PM _{2.5}	0.16	0.02
EP11	Clipper Cleaner, Sunflower Thresher, and Sorghum Thresher Cyclone Stack	PM	0.63	0.42
		PM ₁₀	0.16	0.12
		PM _{2.5}	0.03	0.04
EP12	Cleaner, Color Sorter, and Baggers Cyclone Stack	PM	0.13	0.21
		PM ₁₀	0.03	0.05
		PM _{2.5}	0.01	0.01
EP14	Parent Seed Intake Truck Receiving Pit Fugitives (6)	PM	3.02	0.83
		PM ₁₀	0.99	0.27
		PM _{2.5}	0.17	0.05

- (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

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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

(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.

(6) Emission rate is an estimate and is enforceable through compliance with the applicable special condition(s) and permit application representations.

Date: December 11, 2014