

Emission Sources - Maximum Allowable Emission Rates

Permit Number 70386

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)			
	Pill Plant Lint System	PM	8.92	62.45			
		PM ₁₀	4.46	31.23			
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	Grain Handling	PM	0.38	2.63			
				0.5			
	Grain Processing Lint System	PM		18.0			
	Grain Cleaning System	PM	7.17	8.3			
		PM ₁₀		0.5			
		PM _{2.5}		0.0			
	Grain Processing Lint System	PM		0.0			
		VOC	0.03	0.06			
		NO _x	0.60	1.05			
		CO	0.50	0.88			
		SO ₂	0.01	0.01			
	Main Plant Trash System	PM	18.89	22.04			
		PM ₁₀	10.51	12.26			
		PM _{2.5}	1.35	1.57			
	Main Plant Lint System	PM	38.55	44.98			
		PM ₁₀	11.39	13.29			
		PM _{2.5}	0.80	0.93			
	Main Plant	PM	4.50	5.25			

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	Trash Handling	PM ₁₀	1.79	2.09
		PM _{2.5}	0.16	0.19
	Pill Plant and Main Plant Precleaning System	PM	--	18.03
		PM ₁₀	--	8.37
		PM _{2.5}	--	0.53
	Pill Plant and Main Plant Burners	PM	--	0.08
		PM ₁₀	--	0.08
		PM _{2.5}	--	0.08
		VOC	--	0.06
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	Pill Plant and Main Plant Trash Handling	PM	--	0.01
		PM ₁₀	--	22
		PM _{2.5}	--	12
	Pill Plant and Main Plant Trash Handling	PM	--	1.5
		PM ₁₀	--	44
		PM _{2.5}	--	13
	Pill Plant and Main Plant Trash Handling	PM	--	3.25
		PM ₁₀	--	2.09
		PM _{2.5}	--	0.19

- (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) CO - carbon monoxide
NO_x - total oxides of nitrogen
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

SO₂ - sulfur dioxide

VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1

(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: _____ Month day, 2014

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