

Emission Sources - Maximum Allowable Emission Rates

Permit Number 55877

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)
CS-1	Cone Spray-Up Booth	Styrene	17.89	4.93
		PM	<0.10	<0.10
		PM ₁₀	<0.10	<0.10
		PM _{2.5}	<0.10	<0.10
CS-1	E-4 Pipe Machine	Styrene	4.09	0.77
		PM	<0.10	<0.10
		PM ₁₀	<0.10	<0.10
		PM _{2.5}	<0.10	<0.10
CS-1	Spray Area Sand Silo	PM	<0.10	<0.10
		PM ₁₀	<0.10	<0.10
		PM _{2.5}	<0.10	<0.10
FG-1	E-4 Pipe Machine	Styrene	98.15	18.40
		PM	<0.10	<0.10
		PM ₁₀	<0.10	<0.10
		PM _{2.5}	<0.10	<0.10
FG-1	Assembly Area	Styrene	36.08	12.99
FG-1	Stenciling Operations	VOC	1.78	0.33
		PM	<0.10	<0.10
		PM ₁₀	<0.10	<0.10
		PM _{2.5}	<0.10	<0.10

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FG-1	Piping Fugitives	Styrene	0.17	0.74
FG-1	Grinding and Trimming	PM	3.60	2.63
		PM ₁₀	3.60	2.63
		PM _{2.5}	3.60	2.63
FG-1	E-4 Sand Silo	PM	<0.10	<0.10
		PM ₁₀	<0.10	<0.10
		PM _{2.5}	<0.10	<0.10
EC-1	End Cap Spray-Up Booth	Styrene	17.89	7.92
EC-1	Spray Area Silo	PM	<0.10	<0.10
		PM ₁₀	<0.10	<0.10
		PM _{2.5}	<0.10	<0.10
T1-1	Resin Tank 1	Styrene	0.10	0.10
MAND-4	Two Tank Mandrels	Styrene	2.89	12.58
		PM	1.00	4.40
		PM ₁₀	1.00	4.40
		PM _{2.5}	1.00	4.40
FG-1	Fugitive Emissions	Styrene	11.55	50.31

(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
Project Numbers: 204319 and 204323

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PM - total particulate matter, suspended in the atmosphere, including PM₁₀ and PM_{2.5}

PM₁₀ - total particulate matter equal to or less than 10 microns in diameter, including PM_{2.5}

PM_{2.5} - particulate matter equal to or less than 2.5 microns in diameter

(4) Compliance with annual emission limits (tons per year) is based on a 12 month rolling period.

(5) The allowable emission rates include emissions from planned maintenance, startup, and shutdown activities.

Date: June 11, 2014