

Emission Sources - Maximum Allowable Emission Rates

Permit Number 53875

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)
EPN 1	Process Line 1	PM ₁₀	< 0.01	0.03
		PM _{2.5}	< 0.01	0.03
		Pb	< 0.01	< 0.01
EPN 2	Process Line 2	PM ₁₀	0.03	0.14
		PM _{2.5}	0.03	0.14
		Pb	< 0.01	< 0.01
EPN 3	Process Line 3	PM ₁₀	0.03	0.14
		PM _{2.5}	0.03	0.14
		Pb	< 0.01	< 0.01
EPN 5	Test Application Booth	PM ₁₀	< 0.01	< 0.01
		PM _{2.5}	< 0.01	< 0.01
		Pb	< 0.01	< 0.01
EPN 6	Extruding Operations	PM ₁₀	< 0.01	< 0.01
		PM _{2.5}	< 0.01	< 0.01
		Pb	< 0.01	< 0.01
EPN 7	Process Line 4	PM ₁₀	0.01	0.05
		PM _{2.5}	0.01	0.05
		Pb	< 0.01	< 0.01
EPN 8	Process Line 5	PM ₁₀	0.01	0.05
		PM _{2.5}	0.01	0.05
		Pb	< 0.01	< 0.01

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates (5)	
			lbs/hour	TPY (4)
EPN 9	Process Line 6	PM ₁₀	0.04	0.19
		PM _{2.5}	0.04	0.19
		Pb	< 0.01	< 0.01
EPN 10	Mixing Operations	PM ₁₀	< 0.01	< 0.01
		PM _{2.5}	< 0.01	< 0.01
		Pb	< 0.01	< 0.01
EPN 11	Process Line 7	PM ₁₀	0.01	0.05
		PM _{2.5}	0.01	0.05
		Pb	< 0.01	< 0.01
EPN 12	Process Line 8	PM ₁₀	< 0.01	0.03
		PM _{2.5}	< 0.01	0.03
		Pb	< 0.01	< 0.01
EPN 14	Polychem Operations	PM ₁₀	< 0.01	< 0.01
		PM _{2.5}	< 0.01	< 0.01
		Pb	< 0.01	< 0.01
EPN 15	Process Line 9	PM ₁₀	0.05	0.22
		PM _{2.5}	0.05	0.22
		Pb	< 0.01	< 0.01
MSS	Planned Maintenance, Startup, and Shutdown	VOC	4.52	4.44
		Exempt Solvent	13.32	13.07

(1) Emission point identification - either specific equipment designation or emission point number from plot plan.
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- (2) Specific point source name. For fugitive sources, use area name or fugitive source name.
- (3) Exempt Solvent - Those carbon compounds or mixtures of carbon compounds used as solvents which have been excluded from the definition of volatile organic compound.
- VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
- 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
- Pb - lead
- (4) Compliance with annual emission limits (tons per year) is based on a 12 month rolling period.
- (5) Allowable emission rates include maintenance, start-up, and shut-down emissions.

Date: February 11, 2022