

Emission Sources - Maximum Allowable Emission Rates

Permit Number 74785

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)
FUG (5)	Water-based Adhesive and Primer Blending Tanks-Loading of Raw Materials into Blend Tanks, Blending, Heat-Up Losses, Final Product Filling into Containers, and Fugitive Emissions from Piping Components	VOC	2.36	5.38
		Exempt Solvents	0.54	2.35
		IOC-U	0.13	0.05
FUG2 (5)	Raw Material Storage Tanks (S1-S12), and Fugitive Emissions from Storage Tank Piping Components	VOC	1.55	1.32
S13	Raw Material Storage Tank – S-series products	VOC	<0.01	<0.01
		IOC-U	<0.01	<0.01
S14	Raw Material Storage Tank – S-series products	VOC	<0.01	<0.01
		IOC-U	<0.01	<0.01
S15	Raw Material Storage Tank – Plasticizer	VOC	0.11	<0.01
		IOC-U	<0.01	<0.01
TRCKFUG (5)	Loading of Final Product into Tanker Trucks at the Loading Racks	VOC	0.03	0.01
		Exempt Solvents	<0.01	<0.01
		IOC-U	0.01	<0.01
TRCKFUG2 (5)	Loading of Aldehyde Ketone Resin into Tanker Trucks at the Tote Storage Area	VOC	<0.01	<0.01
DC1,	Dust Collector for Powder Loading for Water-based Adhesive and Primer Production	PM	<0.01	0.02
		PM ₁₀	<0.01	0.02
		PM _{2.5}	<0.01	0.02
HM1 (6)	Hot Melt Blend Tank 1 - Loading of Hot Melt Raw Materials into Hot Melt Blend Tank, Blending, and Heat-Up Losses	VOC	0.37	2.90
HM2 (6)	Hot Melt Blend Tank 2 - Loading of Hot Melt Raw Materials into Hot Melt Blend Tank, Blending, and Heat-Up Losses	VOC	0.37	
HM3 (6)	Hot Melt Blend Tank 3 - Loading	VOC	0.37	

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	of Hot Melt Raw Materials into Hot Melt Blend Tank, Blending, and Heat-Up Losses			
HM4 (6)	Hot Melt Blend Tank 4 - Loading of Hot Melt Raw Materials into Hot Melt Blend Tank, Blending, and Heat-Up Losses	VOC	0.37	
HM5 (6)	Hot Melt Blend Tank 5 - Loading of Hot Melt Raw Materials into Hot Melt Blend Tank, Blending, and Heat-Up Losses	VOC	0.37	
HMFUG (5)	Hot Melt Sample Tank and Filling of Hot Melt Final Product into Containers	VOC	0.23	0.96
All Emission Points at the Site	All Sources at the Site	Individual HAP	----	< 10
		Total HAPs	----	< 25

- (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) 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
 - IOC-U - inorganic compounds (unspeciated)
 - 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.
 - 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) Annual emissions cap is calculated based on throughput of EPNs: HM1, HM2, HM3, HM4, and HM5.

Date: September 9, 2020