

Emission Sources - Maximum Allowable Emission Rates

Permit Number 165257

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)(6)
DC1	Large Dust Collector	PM	0.65	0.84
		PM ₁₀	0.65	0.84
		PM _{2.5}	0.65	0.84
DC2	Small Dust Collector	PM	0.13	0.17
		PM ₁₀	0.13	0.17
		PM _{2.5}	0.13	0.17
DC3	Dust Collector 3	PM	0.12	0.15
		PM ₁₀	0.05	0.06
		PM _{2.5}	0.02	0.03
DC4	Dust Collector 4	PM	0.12	0.15
		PM ₁₀	0.05	0.06
		PM _{2.5}	0.02	0.03
Vent 1	Tar Pot 1 & 2 Vent	VOC	0.49	0.63
Vent 2	Tar Pot 3 Vent	VOC	0.25	0.32
Vent 3	Tar Pot 4 & 5 Vent	VOC	0.61	0.79
Vent 4	Tar Pot 6 Vent	VOC	0.25	0.32
FGT1	Spray Adhesive Fugitives (5)	VOC	4.46	5.79
FGT2	Insulation PM Fugitives (5)	PM	2.48	3.23
		PM ₁₀	0.92	1.20
		PM _{2.5}	0.40	0.52
FGT3	Manual Adhesive Fugitives (5)	VOC	0.31	0.40
FGT4	MIT Area PM Fugitives (5)	PM	0.35	0.45
		PM ₁₀	0.13	0.17

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		PM _{2.5}	0.06	0.08
DC1MSS	Large Dust Collector MSS	PM	0.02	<0.01
		PM ₁₀	<0.01	<0.01
		PM _{2.5}	<0.01	<0.01
DC2MSS	Small Dust Collector MSS	PM	<0.01	<0.01
		PM ₁₀	<0.01	<0.01
		PM _{2.5}	<0.01	<0.01
DC3MSS	Dust Collector 3 MSS	PM	<0.01	<0.01
		PM ₁₀	<0.01	<0.01
		PM _{2.5}	<0.01	<0.01
DC4MSS	Dust Collector 4 MSS	PM	<0.01	<0.01
		PM ₁₀	<0.01	<0.01
		PM _{2.5}	<0.01	<0.01
All Emission Points at the Site	All Sources at the Site	Individual HAP	--	<10.00
		Total HAPs	--	<25.00

- (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.
 - 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}, 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) Fugitive Emission Sources.
- (6) The allowable emission rates include planned maintenance, startup, and shutdown activities.

Date: December 8, 2023