

Emission Sources - Maximum Allowable Emission Rates

Permit Number 169543

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) (6)	
			lbs/hour	TPY (4)
MIXFILLCAP (7)	Container Filling and Mixer Tank	VOC	50.68	15.40
		PM	0.05	0.22
		PM ₁₀	0.05	0.22
		PM _{2.5}	0.01	0.03
		Exempt Solvent	51.27	33.57
		IOC	3.16	1.74
BHEX-2	Dust Collector	PM	<0.01	<0.01
		PM ₁₀	<0.01	<0.01
		PM _{2.5}	<0.01	<0.01
SILO-1	Calcium Carbonate Silo	PM	<0.01	<0.01
		PM ₁₀	<0.01	<0.01
		PM _{2.5}	<0.01	<0.01
SILO-2	Alumina Trihydrate Silo	PM	<0.01	<0.01
		PM ₁₀	<0.01	<0.01
		PM _{2.5}	<0.01	<0.01
SILO-3	Snobrite 75 Silo	PM	<0.01	<0.01
		PM ₁₀	<0.01	<0.01
		PM _{2.5}	<0.01	<0.01
SILO-4	Crystalline Silica Silo	PM	<0.01	<0.01
		PM ₁₀	<0.01	<0.01
		PM _{2.5}	<0.01	<0.01
WATERFUG	Water Based Area Fugitive	VOC	0.60	2.64
SOLVENTFUG	Solvent Based Area Fugitive	VOC	0.77	3.36
		Exempt Solvent	0.22	0.98

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		IOC	0.04	0.18
TANK-4	Storage Tank No. 4	VOC	3.41	0.01
TANK-5	Storage Tank No. 5	VOC	1.67	<0.01
TANK-6	Storage Tank No. 6	VOC	0.33	<0.01
TANK-7	Storage Tank No. 7	VOC	<0.01	<0.01
TANK-9	Storage Tank No. 9	VOC	0.06	<0.01
TANK-10	Storage Tank No. 10	VOC	0.02	<0.01
TANK-12	Storage Tank No. 12	VOC	<0.01	<0.01
TANK-13	Storage Tank No. 13	VOC	0.03	<0.01
TANK-15	Storage Tank No. 15	VOC	21.53	0.35
TANK-16	Storage Tank No. 16	VOC	35.27	0.53
TANK-17	Storage Tank No. 17	VOC	35.27	0.53
TANK-18	Storage Tank No. 18	VOC	3.83	0.06
TANK-19	Storage Tank No. 19	Exempt Solvent	21.61	0.41
TANK-20	Storage Tank No. 20	VOC	4.53	0.02
TANK-26	Storage Tank No. 26	VOC	<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.
- (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) Emissions from maintenance, startup, or shutdown (MSS) activities are not included as part of the MAERT and are authorized via PBR 106.263.
- (7) The cap consists of emissions from EPNs BHEX-1 and SLV-BLD.

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Date: July 19, 2023