

Emission Sources - Maximum Allowable Emission Rates

Permit Number 172791

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)
G-1	Emergency Engine	VOC	0.297	0.015
		NO _x	0.297	0.015
		CO	0.262	0.013
		SO ₂	0.003	0.0001
		PM	0.016	0.0008
		PM _{2.5}	0.016	0.0008
		PM ₁₀	0.016	0.0008
V-943	Drop Point for EP	PM _{2.5}	0.0003	0.002
		PM ₁₀	0.0003	0.002
		PM	0.0003	0.002
LOAD	EP Loading Loading Spot	VOC (6)	0.225	0.532
REACT-VES	EP Reactor Vessel	VOC (6)	0.34	2.893
TRCK1	EP Truck Loading Spot	VOC	0.123	0.062
TRCK2	EP Truck Loading Spot	VOC	0.123	0.062
TRCK3	EP Truck Loading Spot	VOC	0.123	0.062
TRCK4	EP Truck Loading Spot	VOC	0.123	0.062
200A	Liquid Blender	VOC	0.63	0.252
200B	Liquid Blender	VOC	0.63	0.252
200C	Liquid Blender	VOC	0.236	0.126
200D	Liquid Blender	VOC	0.236	0.126
TK-240B	Liquid Blender	VOC	0.63	0.252
TK-240C	Liquid Blender	VOC	1.418	0.252
TRCK1-4	Liquid Blending Truck	VOC	4.124	1.65

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	Loading Spots			
TK163	Tank	VOC (6)	1.168	0.082
TK164	Tank	VOC (6)	1.168	0.082
T-103	Tank	VOC	0.028	0.005
T-107	Tank	VOC	0.028	0.005
T-108	Tank	VOC	0.028	0.005
T-109	Tank	VOC	0.028	0.005
T-110	Tank	VOC	0.028	0.005
T-112	Tank	VOC	0.028	0.005
TK-102	Tank	VOC	0.028	0.001
TK-105	Tank	VOC	0.028	0.001
TK-101	Tank	VOC	0.028	0.001
TK-104	Tank	VOC	0.028	0.001
TK-106	Tank	VOC	0.028	0.001
TK-111	Tank	VOC	0.028	0.001
EP-FUG	EP Fugitives (5)	VOC (6)	1.107	4.843
LB-FUG	Liquid Blending Fugitives (5)	VOC	0.202	0.884

- (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
 - NO_x - total oxides of nitrogen
 - SO₂ - sulfur dioxide
 - 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
 - CO - carbon monoxide
 - 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) HAPs (acrylic acid or ethylene glycol) are included in total VOC emission rate.

Date: February 23, 2024