

Emission Sources - Maximum Allowable Emission Rates

Permit Number 129444

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)
90FB005	Storage Tank 90FB005	VOC	4.71	3.82
		H ₂ S	0.02	0.01
90FB001	Storage Tank 90FB001	VOC	4.42	5.61
		H ₂ S	0.02	0.02
90FB006	Storage Tank 90FB006	VOC	0.83	0.32
91FB917	Storage Tank 91FB917	VOC	1.80	2.22
90FB230	Storage Tank 90FB230	VOC	3.50	9.41
90FB205	Storage Tank 90FB205	VOC	4.41	6.22
		Benzene	0.05	0.05
90FB226	Storage Tank 90FB226	VOC	3.50	---
		Benzene	0.20	---
90FB228A	Storage Tank 90FB228A	VOC	4.76	9.36
		Benzene	0.04	0.08
90FB505	Storage Tank 90FB505	VOC	3.50	---
		Benzene	0.20	---
90FB506	Storage Tank 90FB506	VOC	2.09	3.19
		Benzene	0.03	0.04
		H ₂ S	0.01	0.02
		NH ₃	<0.01	<0.01
90FB507	Storage Tank 90FB507	VOC	2.27	---
		Benzene	0.03	---
90FB226, 90FB505, 90FB507	Storage Tank Cap	VOC	---	23.98
		Benzene	---	1.13

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91FB918	Storage Tank 91FB918	VOC	0.50	0.46
		H ₂ S	<0.01	<0.01
91FB920	Storage Tank 91FB920	VOC	1.75	5.34
		H ₂ S	0.01	0.02
91FB921	Storage Tank 91FB921	VOC	1.55	4.45
		H ₂ S	0.01	0.02
90FB215	Storage Tank 90FB215	VOC	4.40	---
		H ₂ S	0.02	---
90FB216	Storage Tank 90FB216	VOC	3.30	---
		H ₂ S	0.01	---
90FB233	Storage Tank 90FB233	VOC	3.50	---
		H ₂ S	0.01	---
90FB215, 90FB216,90FB233	Storage Tank Cap	VOC	---	17.19
		H ₂ S	---	0.06
90FB232	Storage Tank 90FB232	VOC	3.10	7.63
90FB224	Storage Tank 90FB224	VOC	1.00	0.92
91FB909	Storage Tank 91FB909	VOC	1.33	0.12
		H ₂ S	<0.01	<0.01
91FB912	Storage Tank 91FB912	VOC	0.49	0.62
91FB913	Storage Tank 91FB913	VOC	0.49	0.61
90FB234	Storage Tank 90FB234	VOC	3.86	16.13
90FB511	Storage Tank 90FB511	VOC	2.52	10.25
90FB210	Storage Tank 90FB210	VOC	2.94	10.25
90FB211	Storage Tank 90FB211	VOC	0.53	0.79
		Benzene	0.01	0.01
90FB212	Storage Tank 90FB212	VOC	0.53	0.79
		Benzene	0.01	0.01
FUG-VLP	Fugitives (6)	VOC	4.65	20.37
		H ₂ S	<0.01	<0.01

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		NH ₃	<0.01	<0.01
TANK-MSS	Tank MSS Activities	VOC	529.27	(5)
		Benzene	8.07	(5)
TO-MSS	Thermal Oxidizer Controlled MSS Activities	VOC	5.21	2.42
		NO _x	6.12	0.25
		SO ₂	0.01	<0.01
		CO	5.14	0.22
		Benzene	0.04	0.02
		NH ₃	0.01	<0.01
		PM ₁₀	0.01	<0.01
		PM _{2.5}	0.01	<0.01
		H ₂ S	0.01	<0.01

- (1) Emission point identification - either specific equipment designation or emission point number from plot plan.
- (2) Specific point source name.
- (3) VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
 NO_x - total oxides of nitrogen
 SO₂ - sulfur dioxide
 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
 H₂S - hydrogen sulfide
 NH₃ - ammonia
- (4) Compliance with annual emission limits (tons per year) is based on a 12-month rolling period.
- (5) Annual emissions from activities authorized by EPN TANK-MSS will be accommodated as part of the annual allowable rate of each of the storage tanks. Compliance will be demonstrated by performing monthly calculations as required in Special Condition No. 12.F.
- (6) Emission rate is an estimate and is enforceable through compliance with the applicable special condition(s) and permit application representations.

Date: September 15, 2020