

Emission Sources - Maximum Allowable Emission Rates

Permit Number 108743

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)
51	Tank 51	VOC	11.30	26.02
		H ₂ S	0.27	0.63
52	Tank 52	VOC	11.89	27.26
		H ₂ S	0.29	0.66
53	Tank 53	VOC	11.30	26.02
		H ₂ S	0.27	0.63
55	Tank 55	VOC	6.96	16.77
		H ₂ S	0.17	0.40
56	Tank 56	VOC	6.96	16.77
		H ₂ S	0.17	0.40
57	Tank 57	VOC	6.92	16.61
		H ₂ S	0.17	0.40
58	Tank 58	VOC	6.92	16.61
		H ₂ S	0.17	0.40
59	Tank 59	VOC	6.92	16.61
		H ₂ S	0.17	0.40
60	Tank 60	VOC	6.92	16.61
		H ₂ S	0.17	0.40
CRUDE TANK CAP	Storage Tank Annual Emissions Cap for Tanks 51-53 & 55-60	VOC	-	27.26
		H ₂ S	-	0.66
LACT1	LACT Tank 1	VOC	3.07	9.91
		H ₂ S	0.07	0.24

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LACT2	LACT Tank 2	VOC	3.01	9.69
		H ₂ S	0.07	0.23
LACT3	LACT Tank 3	VOC	3.01	9.69
		H ₂ S	0.07	0.23
LACT4	LACT Tank 4	VOC	3.01	9.69
		H ₂ S	0.07	0.23
LACT5	LACT Tank 5	VOC	3.11	10.10
		H ₂ S	0.07	0.24
LACT6	LACT Tank 6	VOC	3.11	10.10
		H ₂ S	0.07	0.24
LACT7	LACT Tank 7	VOC	3.07	9.91
		H ₂ S	0.07	0.24
LACT8	LACT Tank 8	VOC	3.07	9.91
		H ₂ S	0.07	0.24
LACT9	LACT Tank 9	VOC	3.07	9.91
		H ₂ S	0.07	0.24
LACT10	LACT Tank 10	VOC	3.07	9.91
		H ₂ S	0.07	0.24
LACT11	LACT Tank 11	VOC	3.07	9.91
		H ₂ S	0.07	0.24
LACT12	LACT Tank 12	VOC	3.07	9.91
		H ₂ S	0.07	0.24
LACT TANK CAP	Storage Tank Annual Emissions Cap for LACT Tanks 1-12	VOC	-	16.94
		H ₂ S	-	0.41
TKLAND	Floating Roof Landing Emissions	VOC	448.11	9.52
		H ₂ S	2.69	0.06
		NO _x	1.20	0.06
		CO	2.41	0.12

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		SO ₂	20.25	0.43
SUMP	Crude Sump	VOC	18.06	0.73
		H ₂ S	0.43	0.02
CORRINHBTR	Corrosion Inhibitor Tank	VOC	61.35	0.24
DRA1	DRA Tank	VOC	0.15	<0.01
DRA2	DRA Tank	VOC	0.15	<0.01
DRA3	DRA Tank	VOC	0.15	<0.01
FUGITIVES	Fugitive Emissions (5)	VOC	0.14	0.61
		H ₂ S	<0.01	0.01
All EPNs	Site-wide HAP Cap	Single HAP	-	<10.00
		Combined 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) VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1

NO_x - total oxides of nitrogen

SO₂ - sulfur dioxide

CO - carbon monoxide

H₂S - hydrogen sulfide

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.

Date: April 16, 2021