

Emission Sources — Maximum Allowable Emission Rates

Permit Numbers 94433 and N134

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)
TK-401	Tank 401 (6)	VOC	16.46	3.88
		H ₂ S	0.04	0.13
TK-1205	Tank 1205 (6)	VOC	12.14	4.48
		H ₂ S	0.03	0.14
TK-1208	Tank 1208 (6)	VOC	10.47	8.94
		H ₂ S	0.05	0.30
TK-1501	Tank 1501 (6)	VOC	9.05	5.63
		H ₂ S	0.04	0.18
TK-1502	Tank 1502 (6)	VOC	9.05	7.15
		H ₂ S	0.04	0.23
TK-1503	Tank 1503 (6)	VOC	9.05	6.06
		H ₂ S	0.04	0.19
TK-1504	Tank 1504 (6)	VOC	9.05	6.06
		H ₂ S	0.04	0.19
TK-2501	Tank 2501 (6)	VOC	9.86	8.45
		H ₂ S	0.06	0.15
TK-2502	Tank 2502 (6)	VOC	9.83	8.07
		H ₂ S	0.06	0.14
TK-2504	Tank 2504 (6)	VOC	9.83	8.09
		H ₂ S	0.06	0.14
TK-2505	Tank 2505 (6)	VOC	9.83	8.07
		H ₂ S	0.06	0.14
TK-2507	Tank 2507 (6)	VOC	9.83	8.07
		H ₂ S	0.06	0.14
TK-2509	Tank 2509 (6)	VOC	9.23	5.93
		H ₂ S	0.04	0.07
TK-2510	Tank 2510 (6)	VOC	9.83	8.09
		H ₂ S	0.06	0.14
TK-2511	Tank 2511 (6)	VOC	9.83	8.09
		H ₂ S	0.06	0.14
TK-3501	Tank 3501 (6)	VOC	9.21	11.98
		H ₂ S	0.09	0.24
TK-3502	Tank 3502 (6)	VOC	9.21	11.98

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		H ₂ S	0.09	0.24
TK-3503	Tank 3503 (6)	VOC	9.21	11.98
		H ₂ S	0.09	0.24
TK-3504	Tank 3504 (6)	VOC	9.21	11.98
		H ₂ S	0.09	0.24
TK-3505	Tank 3505 (6)	VOC	8.66	9.61
		H ₂ S	0.06	0.16
TK-3506	Tank 3506 (6)	VOC	8.66	9.61
		H ₂ S	0.06	0.16
TK-3507	Tank 3507 (6)	VOC	8.66	9.61
		H ₂ S	0.06	0.16
TK-3508	Tank 3508 (6)	VOC	10.12	13.18
		H ₂ S	0.09	0.26
TK-3509	Tank 3509 (6)	VOC	10.12	13.18
		H ₂ S	0.09	0.26
TK-3510	Tank 3510 (6)	VOC	8.50	10.16
		H ₂ S	0.04	0.07
TK-3511	Tank 3511 (6)	VOC	8.50	10.16
		H ₂ S	0.04	0.07
TK-3512	Tank 3512 (6)	VOC	8.50	10.16
		H ₂ S	0.04	0.07
TK-3513	Tank 3513 (6)	VOC	8.50	10.16
		H ₂ S	0.04	0.07
TK-3514	Tank 3514 (6)	VOC	9.06	9.78
		H ₂ S	0.06	0.15
TANKCAP	Tank Cap	VOC	-	82.71
		H ₂ S	-	4.41
TKCONT	Tank Roof Landing Control Device (Controlled, >0.5 psia)	VOC	6.20	0.51
		NO _x	10.88	0.82
		CO	18.03	1.45
		H ₂ S	0.33	0.03
		SO ₂	65.16	2.70
		PM	0.59	0.04
		PM ₁₀	0.59	0.04
		PM _{2.5}	0.59	0.04
TKLAND	Tank Landings (Uncontrolled, <0.5 psia)	VOC	17.65	2.08
FUG	Process Fugitive Components (5)	VOC	0.56	2.45
		H ₂ S	0.06	0.13

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

MSS	MSS Emissions Cap	VOC	126.47	2.49
		NO _x	21.90	1.22
		CO	32.66	1.88
		H ₂ S	12.23	0.13
		SO ₂	73.48	0.07
		PM	1.19	0.07
		PM ₁₀	1.19	0.07
		PM _{2.5}	1.19	0.07

- (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
- H₂S - hydrogen sulfide
- 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
- (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) Included in EPN TANKCAP.

Date: October 28, 2020