

Emission Sources - Maximum Allowable Emission Rates

Permit Number 90932

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)
TANK 1	TK-02	VOC	15.56	-
TANK 2	TK-05	VOC	15.56	-
TANK 3	TK-09	VOC	15.56	-
TANK 4	TK-10	VOC	15.56	-
TANK 5	TK-13	VOC	15.56	-
TANK 6	TK-14	VOC	15.56	-
TANK 7	TK-15	VOC	15.56	-
TANK 8	TK-16	VOC	15.56	-
TANK 9	TK-01	VOC	15.56	-
TANK 10	TK-03	VOC	15.56	-
TANK 11	TK-06	VOC	15.56	-
TANK 12	TK-07	VOC	15.56	-
TANK 13	TK-08	VOC	15.56	-
TANK 14	TK-11	VOC	15.56	-
TANKS	CAP All Tanks Listed	VOC (6)	31.12	3.31
LOADING	Product Loading From Tanks	VOC	17.35	3.07
	Product Loading Between Containers	VOC	11.76	0.55
		HCl	0.09	<0.01
SCRUBBER	Acrolein System Scrubber	VOC	0.02	0.02
FUGITIVES	System Equipment Leaks (Fugitives)	VOC (5)	0.12	0.51
ACR FUG	Acrolein System Equipment Leak (Fugitives)	VOC (5)	0.06	0.09
All Emission Points	Site Wide	Individual HAP	-	< 10.00
		Total HAPs	-	< 25.00

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- (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
HCl - hydrogen chloride
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) Only two product storage tanks may be loaded at the same time, and only one compound identified in the permit application and PI-1 dated November 15, 2019 may be loaded at the same time.

Date: July 22, 2021