

Emission Sources - Maximum Allowable Emission Rates

Permit Number 48243

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 (5)	
			lbs/hour	TPY (4)
697	Tank 697 (6)	VOC	1.54	5.53
698	Tank 698 (6)	VOC	7.74	1.15
699	Tank 699 (6)	VOC	0.98	3.24
700	Tank 700 (6)	VOC	0.84	2.71
701	Tank 701 (6)	VOC	1.15	2.19
800	Tank 800 (6)	VOC	9.06	1.05
802	Tank 802 (6)	VOC	9.06	0.79
920	Tank 920 (6)	VOC	0.42	1.30
982	Tank 982 (6)	VOC	0.45	1.44
1091	Tank 1091 (6)	VOC	0.51	1.56
1120	Tank 1120 (6)	VOC	0.42	1.30
1131	Tank 1131 (6)	VOC	0.41	1.27
7840	Tank 7840 (6)	VOC	5.81	0.05
7850	Tank 7850 (6)	VOC	5.81	0.05
7860	Tank 7860 (6)	VOC	5.52	0.05
7870	Tank 7870 (6)	VOC	5.52	0.05
7880	Tank 7880 (6)	VOC	2.06	0.02
7890	Tank 7890 (6)	VOC	2.06	0.01
7900	Tank 7900 (6)	VOC	5.53	0.03
7910	Tank 7910 (6)	VOC	4.09	0.04
LOAD	Uncollected Loading Losses (7)	VOC	19.22	-

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VRU1	Vapor Recovery Unit 1	VOC	19.24	-
VRU2	Vapor Recovery Unit 2	VOC	19.24	-
	Total Loading Rack Cap (EPNs: LOAD, VRU1 and VRU2)	VOC	-	45.00
FUG	Equipment Fugitives (5)	VOC	0.18	0.77
T800LOAD	Loading from T800 (7)	VOC	0.67	0.01
T802LOAD	Loading from T802 (7)	VOC	66.72	0.12

- (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
- (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) Emissions from storage tanks are calculated using: (a) AP-42 "Compilation of Air Pollution Emission Factors, Fifth Edition, Chapter 7 — Liquids Storage Tanks" dated June 2020, and (b) TCEQ guidance documents APDG 6250, Estimating Short Term Emission Rates from Fixed Roof Tanks and APDG 6419, Short-term Emissions from Floating Roof Storage Tanks both dated February 2020.
- (7) Emissions from loading operations are calculated using: (a) AP-42 "Compilation of Air Pollution Emission Factors, Fifth Edition, Chapter 5.2 — Transportation and Marketing of Petroleum Liquids" dated June 2008, and (b) TCEQ guidance document APD-ID3v1, Air Permit Technical Guidance for New Source Review Loading Operations dated February 2021.

Date: March 6, 2023