

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

R-3836

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. 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*	
			#/hr	TPY
T-101	Tank	VOC	2.44	0.038
T-102	Tank	VOC	8.85	0.167
T-103	Tank	EDA	0.18	0.005
T-104	Tank	VOC	< 0.01	< 0.01
T-105	Tank	VOC	8.28	0.08
T-106	Tank	VOC	3.45	0.04
T-107	Tank	VOC	0.012	< 0.01
T-108	Tank	VOC	4.07	0.06
T-109	Tank	VOC	0.01	< 0.01
T-111	Tank	VOC	< 0.01	0.013
T-112	Tank	VOC	0.01	0.04
T-113	Tank	VOC	3.50	0.06
T-114	Tank	VOC	2.03	0.04
T-115	Tank	VOC	0.02	0.10
T-116	Tank	VOC	0.05	0.144
T-201	Tank	VOC	1.67	0.04

T-202	Tank	VOC	< 0.01	< 0.01
T-203	Tank	VOC	< 0.01	0.04
T-204	Tank	VOC	1.39	0.02
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates* #/hr	TPY
T-205	Tank	VOC	< 0.01	< 0.01
T-206	Tank	VOC	7.53	0.37
T-207	Tank	VOC	< 0.01	< 0.01
T-208	Tank	VOC	1.97	0.03
T-209	Tank	VOC	1.64	0.04
T-210	Tank	VOC	2.37	0.06
T-211	Tank	VOC	2.91	0.08
T-212	Tank	VOC	3.13	0.06
T-213	Tank	VOC	< 0.01	0.01
T-215	Tank	VOC	13.53	0.24
T-216	Tank	VOC	0.01	0.05
T-217	Tank	VOC	0.03	0.114
T-218	Tank	VOC	0.021	< 0.01
T-219	Tank	VOC	6.84	0.14
T-220	Tank	VOC	0.034	0.13
T-221	Tank	VOC	0.03	0.12
T-222	Tank	VOC	0.140	0.60
T-301	Tank	VOC	< 0.01	< 0.01

T-302	Tank	VOC	0.21	< 0.01
T-303	Tank	VOC	0.21	< 0.01
T-304	Tank	VOC	0.08	0.112
T-305	Tank	VOC	0.05	0.12
T-306	Tank	VOC	2.56	0.09

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates* #/hr	TPY
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T-401	Tank	VOC	0.02	< 0.01
T-402	Tank	VOC	< 0.01	< 0.01
T-403	Tank	VOC	< 0.01	< 0.01
T-404	Tank	VOC	0.79	0.04
T-405	Tank	VOC	2.19	0.11
T-406	Tank	VOC	1.94	0.05
T-407	Tank	VOC	3.81	0.12
T-408	Tank	VOC	1.84	0.16
T-409	Tank	VOC	< 0.01	< 0.01
T-410	Tank	VOC	1.15	0.04
T-411	Tank	VOC	< 0.01	< 0.01
T-412	Tank	VOC	13.95	0.11
T-413	Tank	VOC	3.90	0.04
T-414	Tank	VOC	< 0.01	< 0.01
T-415	Tank	VOC	6.50	0.07

T-416	Tank	VOC	0.15	< 0.01
T-417	Tank	VOC	3.91	0.04
T-418	Tank	VOC	1.16	0.02
T-419	Tank	VOC	< 0.01	< 0.01
T-420	Tank	VOC	< 0.01	< 0.01
T-501	Tank	VOC	3.90	0.08
T-502	Tank	VOC	8.20	0.21
T-503	Tank	VOC	< 0.01	< 0.01

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates*	
			#/hr	TPY
T-504	Tank	VOC	8.42	0.12
T-505	Tank	VOC	4.65	0.06
T-506	Tank	VOC	< 0.01	< 0.01
T-507	Tank	VOC	3.75	0.04
T-508	Tank	VOC	2.77	0.05
T-509	Tank	VOC	8.45	0.31
T-510	Tank	VOC	3.94	0.15
T-511	Tank	VOC	4.00	0.06
T-512	Tank	VOC	0.02	< 0.01
T-513	Tank	VOC	3.71	0.08
T-514	Tank	VOC	3.91	0.15
T-515	Tank	VOC	3.68	0.06
T-516	Tank	VOC	3.81	0.04

T-517	Tank	VOC	2.88	0.03
T-518	Tank	VOC	3.95	0.04
T-519	Tank	VOC	< 0.01	< 0.01
T-520	Tank	VOC	< 0.01	< 0.01
T-521	Tank	VOC	< 0.01	< 0.01
T-522	Tank	VOC	3.15	0.04
T-601	Tank	VOC	3.91	0.09
T-602	Tank	VOC	1.26	0.06
T-603	Tank	VOC	6.31	0.17
T-604	Tank	VOC	3.16	0.18

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates* #/hr	TPY
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T-605	Tank	VOC	3.85	0.06
T-606	Tank	VOC	3.78	0.05
T-607	Tank	VOC	0.02	< 0.01
T-608	Tank	VOC	4.74	0.07
Z-703	Scrubber	HCl	0.19	< 0.01
Z-709	Scrubber	VOC	0.97	0.02
Z-710	Scrubber	VOC	0.40	0.04
Z-711	Scrubber	H ₂ S	< 0.01	< 0.01
Stor	Fugitives (4)	VOC	1.80	7.92

(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) HCl - hydrogen chloride
H₂S - hydrogen sulfide
VOC - volatile organic compounds as defined in General Rule 101.1
EDA - Ethylene Diamine
- (4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.

* Emission rates are based on and the facilities are limited by the following maximum operating schedule:

Hrs/day____Days/week____Weeks/year____or Hrs/year 8760