

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 36100

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	
			lb/hr	TPY
T-120	Tank 120	Total VOC (5)	3.82	4.27
		Benzene	0.05	0.06
		Toluene	0.05	0.06
		Ethylbenzene	0.004	0.004
		Xylene	0.019	0.021
		Hexane	0.061	0.068
		MTBE	0.45	0.51
		2,2,4-Trimethyl Pentane	0.031	0.034
T-121	Tank 121	Total VOC (5)	3.64	4.50
		Benzene	0.047	0.059
		Toluene	0.047	0.059
		Ethylbenzene	0.0036	0.0045
		Xylene	0.018	0.023
		Hexane	0.058	0.072
		MTBE	0.43	0.54
		2,2,4-Trimethyl Pentane	0.029	0.036
T-122	Tank 122	Total VOC (5)	3.79	3.45
		Benzene	0.049	0.045
		Toluene	0.049	0.045
		Ethylbenzene	0.0038	0.0035
		Xylene	0.019	0.017
		Hexane	0.061	0.055
		MTBE	0.45	0.41
		2,2,4-Trimethyl		

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Emission * Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lb/hr	TPY
		Pentane	0.030	0.028
T-123	Tank 123	Total VOC (5)	3.88	3.45
		Benzene	0.050	0.045
		Toluene	0.050	0.045
		Ethylbenzene	0.0039	0.0034
		Xylene	0.019	0.017
		Hexane	0.062	0.055
		MTBE	0.46	0.41
		2,2,4-Trimethyl Pentane	0.031	0.028
T-130	Tank 130	Total VOC (5)	3.75	4.15
		Benzene	0.049	0.054
		Toluene	0.049	0.054
		Ethylbenzene	0.0037	0.0042
		Xylene	0.019	0.021
		Hexane	0.060	0.066
		MTBE	0.45	0.49
		2,2,4-Trimethyl Pentane	0.030	0.033
T-131	Tank 131	Total VOC (5)	3.75	4.15
		Benzene	0.049	0.054
		Toluene	0.049	0.054
		Ethylbenzene	0.0037	0.0042
		Xylene	0.019	0.021
		Hexane	0.060	0.066
		MTBE	0.45	0.49
		2,2,4-Trimethyl Pentane	0.030	0.033

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Emission * Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lb/hr	TPY
T-132	Tank 132	Total VOC (5)	3.95	3.57
		Benzene	0.051	0.047
		Toluene	0.051	0.047
		Ethylbenzene	0.0039	0.0036
		Xylene	0.020	0.018
		Hexane	0.063	0.057
		MTBE	0.47	0.43
		2,2,4-Trimethyl		
		Pentane	0.032	0.029
T-133	Tank 133	Total VOC (5)	3.75	4.14
		Benzene	0.049	0.054
		Toluene	0.049	0.054
		Ethylbenzene	0.0037	0.0041
		Xylene	0.019	0.021
		Hexane	0.060	0.066
		MTBE	0.45	0.49
		2,2,4-Trimethyl		
		Pentane	0.030	0.033
T-160	Tank 160	Total VOC (5)	4.24	2.09
		Benzene	0.27	0.13
		Toluene	0.160	0.079
		Ethylbenzene	0.030	0.015
		Xylene	0.072	0.036
		Hexane	0.22	0.11
T-161	Tank 161	Total VOC (5)	4.24	2.08
		Benzene	0.27	0.13
		Toluene	0.160	0.079
		Ethylbenzene	0.030	0.015

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			lb/hr	TPY
		Xylene	0.072	0.035
		Hexane	0.22	0.11
T-170	Tank 170	Total VOC (5)	4.74	4.19
		Benzene	0.30	0.27
		Toluene	0.18	0.16
		Ethylbenzene	0.033	0.029
		Xylene	0.081	0.071
		Hexane	0.24	0.21
T-171	Tank 171	Total VOC (5)	5.39	6.98
		Benzene	0.35	0.45
		Toluene	0.20	0.27
		Ethylbenzene	0.038	0.049
		Xylene	0.092	0.120
		Hexane	0.28	0.36
T-190	Tank 190	Total VOC (5)	0.90	0.80
		Benzene	0.012	0.010
		Toluene	0.012	0.010
		Ethylbenzene	0.0009	0.0008
		Xylene	0.0045	0.0040
		Hexane	0.014	0.013
		MTBE	0.11	0.10
		2,2,4-Trimethyl Pentane	0.0072	0.0064
FUG	Fugitives (4)	Total VOC (5)	0.17	0.76
		Benzene	0.0022	0.0098
		Toluene	0.0022	0.0098
		Ethylbenzene	0.0002	0.0008
		Xylene	0.0009	0.0038
		Hexane	0.0028	0.0121

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Emission * Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lb/hr	TPY
		MTBE	0.021	0.090
		2,2,4-Trimethyl Pentane	0.0014	0.0060
OWS	Oil/Water Separator	Total VOC (5)	0.003	0.015
		Benzene	0.0000	0.0002
		Toluene	0.0000	0.0002
		Ethylbenzene	0.0000	0.0000
		Xylene	0.0000	0.0001
		Hexane	0.0000	0.0002
		MTBE	0.0004	0.0018
		2,2,4-Trimethyl Pentane	0.0000	0.0001
AS	Air Stripper	Total VOC (5)	0.073	0.009
		Benzene	0.0009	0.0001
		Toluene	0.0009	0.0001
		Ethylbenzene	0.0001	0.0000
		Xylene	0.0004	0.0000
		Hexane	0.0012	0.0001
		MTBE	0.0087	0.0011
		2,2,4-Trimethyl Pentane	0.0006	0.0001

- (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 General Rule 101.1
- (4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.

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Emission *	Source	Air Contaminant	<u>Emission Rates</u>	
<u>Point No. (1)</u>	<u>Name (2)</u>	<u>Name (3)</u>	<u>lb/hr</u>	<u>TPY</u>

(5) Total VOC includes speciated VOC as listed.

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

_____Hrs/day _____Days/week _____Weeks/year or _____8,760
Hrs/year

Dated_____