

# EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 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 Contaminant Point No. (1) lb/hr	Source <u>Emission Rates *</u> **TPY	Name (2)	Air Name (3)
T-120 3.82  0.05	Tank 120 4.27  0.06	Total VOC (5)  Benzene  Toluene0.05 Ethylbenzene0.01 Xylene 0.02 Hexane 0.06 MTBE 0.45 2,2,4-Trimethyl Pentane0.03	   0.06 0.01 0.02 0.07 0.51  0.03
T-121 4.50	Tank 121	Total VOC (5)3.64  Benzene0.05 Toluene0.05 Ethylbenzene0.01 Xylene 0.02 Hexane 0.06 MTBE 0.43 2,2,4-Trimethyl Pentane0.03	  0.06 0.06 0.01 0.02 0.07 0.54  0.04

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AIR CONTAMINANTS DATA

Emission Contaminant Point No. (1) <u>lb/hr</u>	Source  <u>**TPY</u>	<u>Emission Rates *</u>		Air
		Name (2)	Name (3)	
T-122 (5)	Tank 122	3.79	3.45	Total VOC
	0.05	0.05		Benzene
	0.05	0.05		Toluene
Ethylbenzene		0.01	0.01	Xylene
	0.02	0.02		Hexane
	0.06	0.06		MTBE
	0.45	0.41		2,2,4-
Trimethyl				Pentane
	0.03	0.03		
T-123	Tank 123	Total VOC (5)	3.88	3.45
		Benzene	0.05	0.05
		Toluene	0.05	0.05
		Ethylbenzene	0.01	0.01
		Xylene	0.02	0.02
		Hexane	0.06	0.06
		MTBE	0.46	0.41
		2,2,4-Trimethyl		
		Pentane	0.03	0.03
T-130	Tank 130	Total VOC (5)	3.75	4.15

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Emission Contaminant Point No. (1) lb/hr	Source **TPY	Emission Rates *		Air
		Name (2)	Name (3)	
		Benzene 0.05		0.05
		Toluene 0.05		0.05
		Ethylbenzene 0.01		0.01
		Xylene 0.02		0.02
		Hexane 0.06		0.07
		MTBE 0.45		0.49
		2,2,4-Trimethyl		
		Pentane 0.03		0.03
T-131	Tank 131	Total VOC (5) 3.75		4.15
		Benzene 0.05		0.05
		Toluene 0.05		0.05
		Ethylbenzene 0.01		0.01
		Xylene 0.02		0.02
		Hexane 0.06		0.07
		MTBE 0.45		0.49
		2,2,4-Trimethyl		
		Pentane 0.03		0.03
T-132	Tank 132	Total VOC (5) 3.95		3.57
		Benzene 0.05		0.05
		Toluene 0.05		0.05
		Ethylbenzene 0.01		0.01
		Xylene 0.02		0.02
		Hexane		
0.06	0.06			
		MTBE		
0.47	0.43			
		2,2,4-Trimethyl		

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Emission Contaminant Point No. (1)	Source	<u>Emission Rates *</u>		Air
<u>lb/hr</u>	<u>**TPY</u>	<u>Name (2)</u>	<u>Name (3)</u>	
		Pentane		
0.03	0.03			
T-133	Tank 133	Total VOC (5)	3.75	4.14
		Benzene	0.05	0.05
		Toluene	0.05	0.05
		Ethylbenzene	0.01	0.01
		Xylene	0.02	0.02
		Hexane	0.06	0.07
		MTBE	0.45	0.49
		2,2,4-Trimethyl		
		Pentane	0.03	0.03
T-160	Tank 160	Total VOC (5)	4.24	2.09
		Benzene	0.27	0.13
		Toluene	0.16	0.08
		Ethylbenzene	0.03	0.02
		Xylene	0.07	0.04
		Hexane	0.22	0.11
T-161	Tank 161	Total VOC (5)	4.24	2.08
		Benzene	0.27	0.13
		Toluene	0.16	0.08
		Ethylbenzene	0.03	0.02
		Xylene	0.07	0.04
		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

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Emission Contaminant Point No. (1)	Source	Emission Rates *		Air
		Name (2)	Name (3)	
<u>lb/hr</u>	<u>**TPY</u>			
		Ethylbenzene	0.03	0.03
		Xylene	0.08	0.07
		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	0.04	0.05
		Xylene	0.09	0.12
		Hexane	0.28	0.36
T-190	Tank 190	Total VOC (5)	0.90	0.80
		Benzene	0.01	0.01
		Toluene	0.01	0.01
		Ethylbenzene	0.01	0.01
		Xylene	0.01	0.01
		Hexane	0.01	0.01
		MTBE	0.11	0.10
		2,2,4-Trimethyl		
		Pentane	0.01	0.01
FUG	Fugitives (4)	Total VOC (5)	0.17	0.76
		Benzene	0.01	0.01
		Toluene	0.01	0.01
		Ethylbenzene	0.01	0.01
		Xylene	0.01	0.01
		Hexane	0.01	0.01
		MTBE	0.02	0.09

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Emission Contaminant Point No. (1)	Source	<u>Emission Rates *</u>		Air
<u>lb/hr</u>	<u>**TPY</u>	Name (2)	Name (3)	
		2,2,4-Trimethyl Pentane 0.01		0.01
OWS	Oil/Water Separator	Total VOC (5)0.01		0.02
		Benzene 0.01		0.01
		Toluene 0.01		0.01
		Ethylbenzene0.01		0.01
		Xylene 0.01		0.01
		Hexane 0.01		0.01
		MTBE 0.01		0.01
		2,2,4-Trimethyl Pentane 0.01		0.01
AS	Air Stripper	Total VOC (5)0.07		0.01
		Benzene 0.01		0.01
		Toluene 0.01		0.01
		Ethylbenzene0.01		0.01
		Xylene 0.01		0.01
		Hexane 0.01		0.01
		MTBE 0.01		0.01
		2,2,4-Trimethyl Pentane 0.01		0.01

(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

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		Name (2)	Name (3)	
1b/hr	**TPY			

MTBE - methyl tert-butyl ether

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

(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

\*\* Compliance with annual emission limits is based on a rolling 12-month period

Dated May 26, 2009