

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 20222

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 **
T1-21	T-30021	Trioxane	0.33	1.44
FT1-01	TO-1 Fugitives (4)	Formaldehyde	0.53	2.33
		Benzene	0.29	1.28
		Methanol	1.01	4.43
		Trioxane	1.13	4.95
		Methylal	0.11	0.49
		Methyl Formate	0.35	1.55
		Other VOC (5)	0.23	0.99
T2-17	T-30012	Formaldehyde	0.01	0.04
		Benzene	0.50	2.19
		Methanol	0.25	1.10
		Trioxane	0.01	0.04
		Dioxolane	0.10	0.44
		Methylal	0.50	2.19
		Methyl Formate	0.50	2.19
		Dimethyl Ether	0.25	1.10
		Other VOC (5)	0.01	0.04
T2-19	T-30020	Trioxane	0.55	2.41
T2-21	V-1688	Methanol	0.30	0.27
FT2-7	TO-2 Fugitives (4)	Formaldehyde	0.79	3.45
		Benzene	0.23	0.99
		Methanol	0.22	0.98
		Trioxane	1.29	5.66
		Methylal	<0.01	0.01
		Methyl Formate	<0.01	0.01
		Other VOC (5)	0.18	0.80

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			lb/hr	TPY**
TF-1	T-412	Formaldehyde	0.04	0.06
		Benzene	0.33	1.31
		Methanol	0.11	0.44
		Trioxane	0.04	0.02
		Dioxolane	0.03	0.09
		Methylal	0.80	0.61
		Methyl Formate	2.27	2.01
		Other VOC (5)	0.20	0.88
TF-10	V-1072	Triethylamine	0.07	0.33
TF-24	V-1067	Trioxane	0.16	0.55
TF-25	Loading Facility	Trioxane	0.09	0.40
TF-27	V-1155	Sodium Hydroxide	<0.01	<0.01
FTF-26	TF Fugitives (4)	Formaldehyde	0.25	1.09
		Benzene	0.49	2.14
		Methanol	0.41	1.78
		Trioxane	0.18	0.78
		Methylal	0.39	1.70
		Methyl Formate	0.21	0.91
		Other VOC (5)	0.03	0.14

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

(5) VOC represents volatile organic compound emissions not specifically listed; therefore, all emissions identified are additive.

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

8,760 Hrs/year

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

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

Dated April 20, 2006