

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 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	Fugitives (4) (5)	Formaldehyde	0.48	2.12
		Benzene	0.15	0.64
		Methanol	0.97	4.24
		Trioxane	1.14	5.01
		Methylal	0.11	0.48
		Methyl Formate	0.35	1.53
		Other VOCs	0.21	0.87
T2-17	T-30012 (5)	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 VOCs	0.01	0.04
T2-19	T-30020	Trioxane	0.55	2.41
T2-20	V-2497	Benzene	0.06	0.20
		Methanol	0.01	0.05
T2-21	V-1688	Methanol	0.37	0.37
FT2-7	Fugitives (4) (5)	Formaldehyde	0.63	2.79
		Benzene	0.17	0.74
		Methanol	0.55	2.37
		Trioxane	1.18	5.16

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Emission Rates *	Source	Air Contaminant	Emission	
			lb/hr	TPY
Point No. (1)	Name (2)	Name (3)		
TF-1	T-412	Methylal	<0.01	<0.01
		Methyl Formate	0.03	0.11
		Other VOCs	0.16	0.72
		Formaldehyde	<0.01	0.04
		Benzene	0.31	1.36
		Methanol	0.06	0.26
		Trioxane	0.01	0.04
		Dioxolane	0.10	0.44
		Methylal	2.01	0.42
		Methyl Formate	2.99	2.19
		Dimethyl Ether	0.19	0.83
TF-10	V-1072	Triethylamine	0.07	0.33
TF-11	V-1073	Triethylamine	0.14	0.55
TF-24	V-1067	Trioxane	0.10	0.71
TF-25	Loading Facility	Trioxane	0.05	0.20
TF-27	V-1155	Sodium Hydroxide	<0.01	<0.01
FTF-26	Fugitives (4) (5)	Formaldehyde	0.24	1.03
		Benzene	0.16	0.69
		Methanol	0.27	1.21
		Trioxane	0.09	0.38
		Methylal	0.39	1.70
		Methyl Formate	0.22	0.97
		Other VOCs	0.03	0.13

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

(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

Dated_____