

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	TOX	0.33	1.4
FT1-01	Fugitive (4) (5)	HCHO	0.52	2.3
		Benzene	0.29	1.3
		MeOH	1.01	4.4
		TOX	1.13	4.9
		Methylal	0.11	0.5
		MeFo	0.35	1.6
		Other VOCs	0.23	1.0
T2-17	T-30012 (5)	HCHO	<0.01	0.04
		Benzene	0.50	2.2
		MeOH	0.25	1.1
		TOX	0.01	<0.1
		DOX	0.10	0.4
		MeFo	0.50	2.2
		Methylal	0.50	2.2
		Dimethyl Ether	0.25	1.1
		Other VOCs	0.01	0.04
T2-19	T-30020	TOX	0.55	2.41
T2-20	V-2497	Benzene	0.06	0.20
		MeOH	0.01	0.05
T2-21	Tank V-1688	MeOH	0.37	0.4
FT2-7	Fugitive (4) (5)	HCHO	0.7	3.0
		Benzene	0.22	1.0
		MeOH	0.51	2.2
		TOX	1.29	5.7
		MeFo	<0.01	<0.1

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	TPY
		Methylal	<0.01	<0.1
		VOC	0.18	0.8
TF-1	T-412 (5)	HCHO	<0.01	0.04
		Benzene	0.31	1.36
		MeOH	0.10	0.4
		TOX	0.01	<0.1
		Methylal	2.04	0.5
		MeFo	2.87	2.2
		DOX	0.10	0.4
		Other VOCs	0.20	0.9
TF-10	V-1072	TEA	0.07	0.33
TF-11	V-1073	TEA	0.14	0.55
TF-24	V-1067	TOX	0.16	0.7
TF-25	Loading Facility	TOX	0.09	0.4
TF-27	V-1155	NaOH	<0.01	<0.01
FTF-26	Fugitive (4) (5)	HCHO	0.25	1.1
		Benzene	0.49	2.1
		MeOH	0.41	1.8
		TOX	0.18	0.8
		Methylal	0.39	1.7
		MeFo	0.21	0.9
		Other VOCs	0.03	0.1

- (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.

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

(3) VOC - volatile organic compounds as defined in General Rule 101.1

TOX - trioxane
HCHO - formaldehyde
MeOH - methanol
MeFo - methyl formate
DOX - dioxolane
TEA - triethylamine
NaOH - sodium hydroxide

(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:

____Hrs/day ____Days/week ____Weeks/year or 8760 Hrs/year