

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		Air Contaminant		<u>Emission Rates *</u>	
	Name (2)	Name (3)	lb/hr	TPY		
T1-21	T-30021			TOX	0.33	1.44
FT1-01	FUGITIVE (4) (5)			HCHO	0.62	2.74
				BENZENE	0.31	1.35
				MeOH	1.00	4.37
				TOX	1.07	4.69
				VOC	0.24	0.99
T2-17	T-30012 (5)			HCHO	<0.01	0.04
				BENZENE	0.50	2.19
				MeOH	<0.01	0.04
				VOC	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
FT2-7	FUGITIVE (4) (5)			HCHO	0.98	4.31
				BENZENE	0.65	2.85
				MeOH	0.42	1.82
				TOX	1.45	6.36
				VOC	0.27	1.20
TF-1	T-412 (5)			HCHO	<0.01	0.04
				BENZENE	0.31	1.36
				MeOH	0.06	0.26
				VOC	0.01	0.06
TF-10	V-1072			TEA	0.07	0.33

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *		
			lb/hr	TPY	
TF-11	V-1073		TEA	0.14	0.55
TF-24	V-1067		TOX	0.10	0.43
TF-25	LOADING FACILITY		TOX	0.05	0.2

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			lb/hr	TPY
TF-27	V-1155	NaOH	<0.01	<0.01
FTF-26	FUGITIVE (4) (5)	HCHO	0.32	1.40
		BENZENE	0.47	2.07
		MeOH	0.33	1.46
		TOX	0.22	0.96
		VOC	0.04	0.16

- (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) TOX - trioxane
HCHO - formaldehyde
MeOH - methanol
VOC - volatile organic compounds as defined in General Rule 101.1
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 Hrs/year 8,760

Dated _____