

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 21400

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)	<u>Emission Rates *</u>	
			lb/hr	TPY
SOL1	Thermal Oxidizer	Acetone	5.70	11.60
		Styrene	14.57	27.72
		Phenol	0.46	0.47
		Formaldehyde	0.48	1.25
		Methanol	0.19	0.20
		VOC as C ₃ H ₈	0.02	0.02
		Products of Combustion	1.07	2.79
ACEAST	Acetone Above-Ground Storage Tank	Acetone	0.01	0.05
SOLF1	Solicor and Solicor Treater Cleanup Fugitives (4)	Acetone	0.41	0.89
		Styrene	0.76	1.98
SOLF2	Solicor and Solicor Treater Cleanup Fugitives (4)	Acetone	0.41	0.89
		Styrene	0.76	1.98
SOLF3	Solicor, UV, and Solicor and UV Treater Cleanup Fugitives (4)	Acetone	0.46	0.89
		Styrene	1.46	2.25
SOLF4	Solicor and Solicor Treater Cleanup Fugitives (4)	Acetone	0.41	0.89
		Styrene	0.76	1.98
UVF	UV and UV Treater	Acetone	0.05	<0.01

Cleanup
Fugitives (4)

Styrene

0.70

0.28

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- (1) Emission point identification - either specific equipment designation or emission point number from plot plan.
- (2) Specific point source name.
- (3) VOC - volatile organic compounds as defined in General Rule 101.1
C₃H₈ - propane
- (4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.

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

Hrs/week 100 Weeks/year 52 or Hrs/year 5,200

Dated _____