

## EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 3069A

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
To-1 and F-1	Thermal Oxidizer and Fugitives (4)	Pentane	8.7	38.1
		Styrene	<0.1	0.3
		POC	<0.1	0.2
FL-1	Batch Out Tank Flare	Pentane	6.8	29.8
		POC	6.8	29.6
R-3, R-4, and R-5	Fugitives From Reactors (4)	Styrene	<0.1	0.3
T-4, T-5, and T-6	Fugitives From Tanks (4)	Styrene	0.2	0.8
P-1 through P-7	Fugitives From Particulate Filters	PM	0.3	1.4
R-1, R-2, and R-8	Fugitives From Reactors (4)	Styrene	<0.1	<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.
- (3) PM - particulate matter  
VOC - volatile organic compounds as defined in General Rule 101.1  
NO<sub>x</sub> - nitrous oxides  
SO<sub>2</sub> - sulfur dioxide  
CO - carbon monoxide  
POC - products of combustion: VOC, PM, NO<sub>x</sub>, SO<sub>2</sub>, CO
- (4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.

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- \* 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