

# EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 23123

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		
S-14	Reactor Heater			NO <sub>x</sub>	0.10	0.44
				SO <sub>2</sub>	0.02	0.07
				CO	0.02	0.09
				PM	0.01	0.05
				VOC	0.01	0.03
S-15	Dryers Heater			NO <sub>x</sub>	0.06	0.27
				SO <sub>2</sub>	0.01	0.04
				CO	0.01	0.06
				PM	0.01	0.03
				VOC	0.004	0.02
S-37	Hot Oil Heater			NO <sub>x</sub>	0.45	1.97
				SO <sub>2</sub>	0.07	0.30
				CO	0.09	0.41
				PM	0.05	0.24
				VOC	0.03	0.15
T-6	Storage Tank (4)			VOC	9.95	0.54
T-35	Storage Tank (4)			VOC	9.94	0.91
T-41	Storage Tank (4)			VOC	9.94	0.91
T-94	Storage Tank (4)			VOC		0.30
F-96	0-96 Unit Fugitives			VOC	1.86	8.16
				H <sub>2</sub> S		0.46
						2.0

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AIR CONTAMINANTS DATA

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

- (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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### AIR CONTAMINANTS DATA

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

- |     |  |   |  |  |
|-----|--|---|--|--|
| (3) | PM   | - particulate matter  |  |  |
|     | VOC  | - volatile organic compounds as defined in General Rule 101.1 |  |  |
|     | NO <sub>x</sub>  | - total oxides of nitrogen                                    |  |  |
|     | SO <sub>2</sub>  | - sulfur dioxide  |  |  |
|     | CO   | - carbon monoxide   |  |  |
|     | H <sub>2</sub> S   | - hydrogen sulfide  |  |  |
| (4) | No storage authorization for n-octyl mercaptan or cyclohexyl mercaptan.                                    |   |  |  |
| (5) | Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate. |   |  |  |

\* Emissions rates are based on - and facilities are limited by - the following maximum operating schedule: 8,760 hours per year.

Dated \_\_\_\_\_