

# EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 74785

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**
1	Scrubber (5)	VOC	0.34	0.66
1	Thermal Oxidizer (5)	VOC	0.34	0.66
		CO	0.03	
		NO <sub>x</sub>	0.02	
		PM	0.01	0.05
2	Boiler A	CO	0.66	
		NO <sub>x</sub>	0.78	
		PM <sub>10</sub>	0.06	
		SO <sub>2</sub>	0.01	
		VOC	0.04	
3	Boiler B	CO	0.66	
		NO <sub>x</sub>	0.78	
		PM <sub>10</sub>	0.06	
		SO <sub>2</sub>	0.01	
		VOC	0.04	
2 and 3	Boilers A and B	CO		2.89
		NO <sub>x</sub>	3.44	
		PM <sub>10</sub>	0.26	
		SO <sub>2</sub>	0.02	
		VOC	0.19	
T-1	Monomer Storage Tank 1	VOC	0.01	0.05
T-2	Monomer Storage Tank 2	VOC	0.01	0.05
T-3	Monomer Storage Tank 3	VOC	0.01	0.05

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	<u>Emission Rates*</u>	
			lb/hr	TPY**
T-4	Monomer Storage Tank 4	VOC	0.01	0.01
T-5	Monomer Storage Tank 5	VOC	0.01	0.01
T-6	Monomer Storage Tank 6	VOC	0.01	0.01
T-7	Monomer Storage Tank 7	VOC	0.01	0.01
T-8	Monomer Storage Tank 8	VOC	0.01	0.01
T-9	Monomer Storage Tank 9	VOC	0.01	0.01
T-10	Monomer Storage Tank 10	VOC	0.01	0.01
FUG1	Piping Fugitives (4)	VOC	0.01	0.02
FUG2	Process/Piping Fugitives (4)	VOC	0.01	0.03

(1) Emission point identification - either specific equipment designation or emission point number from a plot plan.

(2) Specific point source names. For fugitive sources use area name or fugitive source name.

(3) VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code Section 101.1

(4) Emission rate is an estimate and compliance is demonstrated by meeting the requirements of the applicable Special Conditions and permit application representations.

(5) Two options for a potential control device until the completion of construction and source testing. One option is to be selected as described in Special Condition No. 17.

\* 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

\*\* Compliance with annual emission limits is based on a rolling 12-month period.

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

Dated \_\_\_\_\_