

# EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 2613

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

<u>Emission Rates*</u>	Source	Air Contaminant	<u>Emission</u>	
Point No. (1)	Name (2)			Name
(3)	lb/hr	TPY		
E-1	Boiler (9 MMBtu/hr heat input)	CO	0.18	0.79
		NO <sub>x</sub>	0.90	3.94
		PM <sub>10</sub>	0.04	0.18
		SO <sub>2</sub>	<0.01	0.02
		VOC	0.05	0.21
E-3	Boiler (9 MMBtu/hr heat input)	CO	0.18	0.79
		NO <sub>x</sub>	0.90	3.94
		PM <sub>10</sub>	0.04	0.18
		SO <sub>2</sub>	<0.01	0.02
		VOC	0.05	0.21
FL-1	Flare	Emergency Use Only		
SC-1	T0/Scrubber System	Acetone	4.83	11.9
		VOC	21.94	19.82
		HCl	0.96	3.00
		HF	<0.01	<0.01
		NO <sub>x</sub>	0.89	3.88
		CO	0.22	0.97
T-7	Storage Tank	PCE	3.83	0.32
T-8	Storage Tank	PCE	0.47	0.15
T-9	Storage Tank	PCE	0.14	0.10

## EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

AIR

## CONTAMINANTS DATA

<u>Emission</u> <u>Rates*</u>	Source	Air Contaminant	<u>Emission</u>	
Point No. (1)	Name (2)		Name	
(3)	lb/hr	TPY		
T-13	Storage Tank	VOC	0.83	0.02
T-14	Storage Tank	VOC	0.83	0.02
T-15	Storage Tank	VOC	0.03	0.03
T-19	Storage Tank	VOC	0.50	0.04
T-23	Storage Tank	VOC	0.86	0.03
T-24	Storage Tank	VOC	0.86	0.03
T-27	Storage Tank	VOC	2.57	0.05
T-28	Storage Tank	VOC	2.57	0.05
T-29	Storage Tank	VOC	2.57	0.05
T-30	Storage Tank	VOC	2.58	0.05
T-32	Storage Tank	VOC	2.57	0.05
T-33	Storage Tank	VOC	2.57	0.05
T-34	Storage Tank	VOC	2.57	0.05
T-35	Storage Tank	VOC	2.57	0.05
T-71	Storage Tank	VOC	1.37	0.03
T-72	Storage Tank	VOC	1.35	0.04

## EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

AIR

## CONTAMINANTS DATA

<u>Emission Rates*</u>	Source	Air Contaminant	<u>Emission</u>	
<u>Point No. (1)</u>	<u>Name (2)</u>		<u>Name</u>	
<u>(3)</u>	<u>lb/hr</u>	<u>TPY</u>		
T-73	Storage Tank	VOC	1.36	0.06
T-74	Storage Tank	VOC	0.16	<0.01
T-75	Storage Tank	VOC	1.36	0.06
T-76	Storage Tank	VOC	1.36	0.06
T-77	Storage Tank	VOC	0.03	<0.01
T-78	Storage Tank	VOC	1.36	0.06
T-79	Storage Tank	VOC	1.36	0.06
T-80	Storage Tank	VOC	0.14	<0.01
T-81	Storage Tank	VOC	1.36	0.06
T-82	Storage Tank	VOC	1.36	0.06
T-83	Storage Tank	VOC	0.98	0.01
T-84	Storage Tank	VOC	0.05	0.04
T-85	Storage Tank	VOC	0.09	<0.01
T-86	Storage Tank	VOC	1.37	0.02
T-87	Storage Tank	VOC	1.36	0.06
T-111	Storage Tank	VOC	1.38	0.03

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

T-112	Storage Tank	PCE	1.50	0.24
T-113	Storage Tank	PCE	2.26	0.12
FUG-1	Process Fugitives (4)	VOC	6.38	12.70
		Acetone	0.02	0.08
LD1	Load/Unload	VOC	6.51	13.96
LD2	Load/Unload	PCE	8.0	0.61

(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) CO - carbon monoxide

NO<sub>x</sub> - total oxides of nitrogen

PCE - perchloroethylene

PM<sub>10</sub> - particulate matter less than 10 microns

SO<sub>2</sub> - sulfur dioxide

VOC - volatile organic compounds as defined in General Rule 101.1

HCl - hydrogen chloride

HF - hydrogen fluoride

(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/day \_\_\_\_\_ Days/week \_\_\_\_\_ Weeks/year \_\_\_\_\_ or Hrs/year 8,760

Permit No. 2613  
Page 5

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Dated\_\_\_\_\_