

## EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 1295

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 *	Source	Air Contaminant	<u>Emission Rates</u>	
<u>Point No. (1)</u>	<u>Name (2)</u>	<u>Name (3) lb/hr</u>		<u>TPY</u>
094	Flare	VOC	4.63	1.40
		NO <sub>x</sub>	6.22	3.02
		CO	1.99	6.44
110	A-573	PM <sub>10</sub>	0.34	1.50
111	A-574	PM <sub>10</sub>	0.86	3.75
152	T-605-1 Scrubber	HCl	2.95	0.03
191	T-126 Decanter	VOC	2.30	0.31
215	H-302 Heater	VOC	0.01	0.02
		NO <sub>x</sub>	0.27	0.39
		SO <sub>2</sub>	<0.01	<0.01
		CO	0.06	0.08
		PM <sub>10</sub>	0.03	0.05
248	T-563 Filter Feed	VOC	0.04	<0.01
250	H-500 Heater	VOC	0.01	0.02
		NO <sub>x</sub>	0.27	0.39
		SO <sub>2</sub>	<0.01	<0.01
		CO	0.06	0.08
		PM <sub>10</sub>	0.03	0.05
260	T-138 Decanter	VOC	2.30	0.31
261	T-510 Decanter	VOC	2.30	0.31
262	T-511 Decanter	VOC	2.30	0.31

## EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

## AIR CONTAMINANTS DATA

Emission *	Source	Air Contaminant	Emission Rates	
Point No. (1)	Name (2)	Name (3)	lb/hr	TPY
263	T-512	VOC	0.04	0.67
		NH <sub>3</sub>	<0.01	<0.01
264	T-513 Decanter	VOC	2.30	0.31
278	T-557	HNO <sub>3</sub>	0.01	<0.01
284	A-316/A-317	VOC	0.31	0.13
		NH <sub>3</sub>	0.02	0.05
285	T-598	VOC	<0.01	<0.01
301	A-517-1 Baghouse (Rail, Truck)	PM <sub>10</sub>	0.05	0.23
302	A-563/A-564 Baghouse	PM <sub>10</sub>	0.14	0.60
305	H-501 Heater	VOC	0.01	0.02
		NO <sub>x</sub>	0.27	0.39
		SO <sub>2</sub>	<0.01	<0.01
		CO	0.06	0.08
		PM <sub>10</sub>	0.03	0.05
307	T-546-2/T-580-2 Baghouse	PM <sub>10</sub>	0.04	0.18
311	P-593 Vacuum Pump	VOC	0.09	0.33
		NH <sub>3</sub>	0.86	3.14
319	P-590 Belt Filter	VOC	0.02	0.07
		NH <sub>3</sub>	0.04	0.13
320	Abator	VOC	38.50	2.89
		NO <sub>x</sub>	10.90	9.41
		NH <sub>3</sub>	1.22	0.18

## EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

## AIR CONTAMINANTS DATA

Emission *	Source	Air Contaminant	<u>Emission Rates</u>	
<u>Point No. (1)</u>	<u>Name (2)</u>	<u>Name (3)</u>	<u>lb/hr</u>	<u>TPY</u>
400	M-6260	PM	0.43	0.42
401	D-6217	Polyethylene Glycol	1.77	<0.01
402	Superheater	VOC	0.01	0.05
		NO <sub>x</sub>	0.18	0.79
		CO	0.08	0.35
		SO <sub>2</sub>	<0.01	0.01
		PM	0.04	0.16
403	Incinerator	VOC	0.91	0.33
		NO <sub>x</sub>	6.00	2.65
		CO	8.00	3.73
		SO <sub>2</sub>	<0.01	<0.01
		PM	1.89	1.52
		Silicones	0.28	0.11
F-6	Fugitives (4)	VOC	0.29	1.25
		PM <sub>10</sub>	0.02	<0.01
		NH <sub>3</sub>	0.06	0.27
F-7	Fugitives (4)	VOC	0.39	0.54
F-8	Fugitives (4)	VOC	0.54	2.37
F-14	Fugitives (4)	VOC	0.19	0.71
		PM <sub>10</sub>	0.16	0.72

(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.

Permit No. 1295  
Page 4

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

- (3) 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  
PM<sub>10</sub> - particulate matter less than 10 microns  
NH<sub>3</sub> - ammonia  
HNO<sub>3</sub> - nitric acid  
HCl - hydrogen chloride
- (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

Dated \_\_\_\_\_