

# EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 2041A/PSD-TX-324M7

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>	
<u>Point No. (1)</u>	<u>Name (2)</u>	<u>Name (3)</u>	<u>lb/hr</u>	
<u>TPY</u>				
1	Heater 01-H-01	SO <sub>2</sub>	1.52	6.66
		NO <sub>x</sub>	8.01	35.07
		PM <sub>10</sub> 0.52	2.28	
		CO	9.51	41.66
		VOC 0.29	1.27	
	Heater 01-H-01 (5)	SO <sub>2</sub>	1.87	8.18
		NO <sub>x</sub>	6.61	28.96
		PM <sub>10</sub> 0.61	2.69	
		CO	5.51	24.13
		VOC 0.17	0.76	
131	Heater 01-H-02	SO <sub>2</sub>	0.29	1.26
		NO <sub>x</sub>	2.64	11.55
		PM <sub>10</sub> 0.26	1.13	
		CO	0.66	2.89
		VOC 0.05	0.23	
132	Heater 01-H-03	SO <sub>2</sub>	0.25	1.11
		NO <sub>x</sub>	2.34	10.23
		PM <sub>10</sub> 0.23	1.00	
		CO	0.58	2.56
		VOC 0.05	0.20	
1F	CU Fugitives (4)	VOC 2.42	10.64	
1CT	CU/VRU Cooling Tower	VOC 0.21	0.92	

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<u>Point No. (1)</u>	<u>Name (2)</u>	<u>Name (3)</u>	<u>lb/hr</u>
<u>TPY</u>			
5	Tank 93	VOC 2.90	4.15
6	Tank 94	VOC 2.90	4.15
7	Tank 95	VOC 11.5	0.62
8	Tank 96	VOC 11.5	0.62
9	Tank 101	VOC 2.59	6.93
10	Tank 102	VOC 2.59	6.93
11	Tank 103	VOC 2.47	2.96
12	Tank 104	VOC 2.59	5.81
13	Tank 105	VOC 13.16	4.25
14	Tank 106	VOC 2.36	1.74
15	Tank 108	VOC 2.59	5.81
16	Tank 109	VOC 3.00	4.75
17	Tank 110	VOC 3.00	4.75
34	Tank 97	VOC 11.5	0.62
35	Tank 98	VOC 11.5	0.62
36	Tank 99	VOC 3.08	3.42
37	Tank 100	VOC 3.08	3.42

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<u>Point No. (1)</u>	<u>Name (2)</u>	<u>Name (3)</u>	<u>lb/hr</u>
<u>TPY</u>			
38	Tank 107	VOC 2.36	1.74
48	Tank 139	VOC 2.27	5.21
52	Tank 5	VOC 11.59	5.55
53	Tank 6	VOC 11.59	5.55
54	Tank 7	VOC 11.59	5.55
55	Tank 8	VOC 11.59	5.55
56	Tank 10	VOC 49.7	12.99
57	Tank 11	VOC 49.7	12.99
58	Tank 12	VOC 80.5	10.69
59	Tank 13	VOC 80.5	10.69
60	Tank 14	VOC 3.77	11.91
61	Tank 15	VOC 3.77	11.91
70	Tank 16	VOC 3.30	8.12
71	Tank 17	VOC 3.30	8.12
86	Tank 55	VOC 2.62	2.82
87	Tank 56	VOC 2.62	2.82
142	Tank 111	VOC 2.25	5.73

177

Tank 164

VOC 8.42

4.02

- (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<sub>10</sub> - 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

Permit No. 2041A/PSD-TX-324M7

Page 4

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- (4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.
- (5) Heater emissions following installation of new burners and increase in firing rate as defined in the confidential portion of the amendment application dated July 1994.

\* Emission rates are based on and the facilities are limited by the following maximum operating schedule:

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

Dated \_\_\_\_\_