

## EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 462

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)</u>	<u>lb/hr</u>	<u>TPY</u>
B-1	6.5 MMBtu/Hr Boiler	NO <sub>x</sub>	0.63	2.74
		CO	0.53	2.30
		PM <sub>10</sub>	0.05	0.21
		SO <sub>2</sub>	<0.01	0.02
		VOC	0.03	0.15
FU-1	Plant Fugitives (4)	VOC	1.55	6.77
1	Ship Loading	VOC	1.81	0.02
2	Barge Loading	VOC	0.31	0.02
3	Drum Loading	VOC	12.30	0.21
12-2	Incinerator MN-9008	NO <sub>x</sub>	4.90	12.60
		CO	4.12	10.60
		PM <sub>10</sub>	0.37	0.96
		SO <sub>2</sub>	0.03	0.08
		VOC	3.18	0.98
12-3	Marine Vapor Incinerator	NO <sub>x</sub>	2.78	12.17
		CO	2.33	10.22
		PM <sub>10</sub>	0.21	0.93
		SO <sub>2</sub>	0.02	0.07
		VOC	2.39	0.95
14	Tank Truck Loading	VOC	0.64	<0.01
26	Tank V9201	VOC	0.74	2.01

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Point No. (1)	Name (2)	Name (3)	lb/hr	
<u>TPY</u>				
27	Tank V9202	VOC	40.23	0.59
28	Tank V9203	VOC	1.15	0.84
29	Tank V9204	VOC	1.49	0.46
30	Tank V9205	VOC	3.00	0.90
31	Tank V9206	VOC	1.63	1.03
32	Tank V9217	VOC	59.80	7.50
33	Tank V9301	VOC	1.21	1.73
34	Tank V9302	VOC	3.00	0.30
35	Tank V9303	VOC	1.52	0.58
36	Tank V9304	VOC	1.52	0.18
37	Tank V9305	VOC	1.33	0.20
38	Tank V9306	VOC	1.30	1.59
39	Tank V9407	VOC	0.55	0.79
58	Tank V9401	VOC	1.33	2.55
59	Tank V9402	VOC	1.33	2.55
60	Tank V9403	VOC	0.74	1.22
67	Tank V9701	VOC	0.89	2.39
75	Tank V9227	VOC	1.52	0.65

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<u>TPY</u>				
81	Tank V9601	VOC	0.75	<0.01
82	Tank V9602	VOC	0.11	<0.01
83	Tank V9603	VOC	<0.01	<0.01
84	Tank V9604	VOC	<0.01	<0.01
87	Tank V9608	VOC	0.40	<0.01
96	Tank V9606	VOC	0.24	<0.01
100	Tank V9266	VOC	0.61	0.76
102	Waste Sump V9247	VOC	0.13	
104	Waste Sump V1517	VOC	0.13	
105	Waste Sump V1518	VOC	0.13	
106	Portable Waste Sump V1519	VOC	0.07	
107	Portable Waste Sump V1520	VOC	0.07	
108	Waste Sump V9246	VOC	0.02	
109	Waste Sump V9263	VOC	0.07	
110	Waste Sump V9264	VOC	0.33	
111	Waste Sump V9265	VOC	0.33	
Total Annual Allowables for EPNs 102 through 111		VOC		0.13
103	Waste Storage Tank V1516	VOC	0.07	0.21

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<u>TPY</u>				
112	Wastewater Tank V9207	VOC	0.42	0.01
113	Wastewater Tank V9225	VOC	0.42	0.01
FU-2	Organic Waste Drains (4)	VOC	0.25	1.08
FU-3	Wastewater Drains/Sumps (4)	VOC	0.10	0.44

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

CO - carbon monoxide

PM<sub>10</sub> - particulate matter (PM) equal to or less than 10 microns in diameter. Where PM is not listed, it shall be assumed that no particulate matter greater than 10 microns is emitted.

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

VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1

(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 October 14, 2002