

## EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 20156

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>	
Point No. (1)	Name (2)	Name (3)	<u>lb/hr</u>	<u>TPY</u>
<b>CASE I - Allowables prior to tank modifications</b>				
F221	Fugitive (4)	VOC	7.04	30.86
		Benzene	0.26	1.12
222	Heater 19-H-1	NO <sub>x</sub>	0.69	3.01
		CO	0.14	0.61
		VOC	0.04	0.16
		PM	0.04	0.16
		SO <sub>2</sub>	0.01	0.05
223	Heater 19-H-2	NO <sub>x</sub>	0.22	0.93
		CO	0.05	0.19
		VOC	0.02	0.05
		PM	0.02	0.05
		SO <sub>2</sub>	0.01	0.05
757	Tank 33	Benzene	0.68	0.48
758	Tank 34	Benzene	0.78	0.62
776	Tank 91	VOC	0.25	0.42
777	Tank 92	VOC	0.25	0.42
778	Tank 93	VOC	0.25	0.42
720	Tank 1042	VOC	0.41	0.58

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<u>Point No. (1)</u>	<u>Name (2)</u>	<u>Name (3)</u>	<u>lb/hr</u>	<u>TPY</u>

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**CASE II - Allowables following tank modifications per schedule in Special Condition No. 13. Only EPN 758 is affected by allowable change following modification.**

758	Tank 34	Benzene	0.68	0.48
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- (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) 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
  - PM - particulate matter
  - CO - carbon monoxide
- (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:

24 Hrs/day 7 Days/week 52 Weeks/year or 8,760 Hrs/year

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Date\_\_\_\_\_