

## EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 18174

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>				
T-301	Distillate Tank 301 Internal Floating Roof (0.0026)	VOC (benzene)	0.26 (0.0023)	0.29
T-401	Gasoline Tank 401 (5) External Floating Roof	VOC (benzene)	3.03 (0.027)	7.15 (0.064)
T-501	Gasoline Tank 501 (5) External Floating Roof	VOC (benzene)	3.10 (0.028)	7.36 (0.066)
T-GASADD	Gasoline Additive Tank Horizontal Fixed Roof ( $<0.001$ )	VOC (benzene)	0.29 (0.0015)	0.003
T- DISTADD	Distillate Additive Tank Vertical Fixed Roof	VOC (benzene)	0.07 ( $<0.001$ )	0.01 ( $<0.001$ )
FLRACK	Truck Loading Rack	VOC (benzene)	16.5 (0.15)	11.0 (0.10)
VCU	Vapor Combustion Unit	VOC (benzene) NO <sub>x</sub> CO	25.0 (0.22) 5.16 25.0	16.7 (0.15) 5.53 26.8
SUMP	Wastewater Sump	VOC	0.96	0.02

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		(benzene)	(0.0086)	
	(<0.001)			
FUG	Equipment Fugitives (4)	VOC (benzene)	0.10 (0.0024)	0.42 (0.010)

- (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  
(benzene) - benzene emissions are included in total VOC  
NO<sub>x</sub> - total oxides of nitrogen  
CO - carbon monoxide
- (4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.
- (5) Tanks T-401 and T-501 are capable of handling either gasoline or distillate products.

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

A maximum operating schedule of 8,760 hours per year, a maximum annual throughput limit of no more than 180,200,000 gallons gasoline, 180,000,000 gallons distillate, 242,800 gallons gasoline additives, and 242,540 gallons distillate additives, and the following maximum hourly throughputs:

Throughput		Maximum	Hourly
<u>Emission Point Number</u>	<u>Facility</u>	<u>Gallons/Hour</u>	
T-301	Tank 301	84,000	
T401	Tank 401	84,000	
T501	Tank 501	84,000	
R-GASADD	Gasoline Additive Tank	6,000	
T-DISTADD	Distillate Additive Tank	550	

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