

# EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

21527

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 Point No. (1)*	Source		Air Contaminant		<u>Emission Rates **</u>	
	Name (2)	Name (3)	lb/hr	TPY		
101 to 105	Storage Tanks (Five Total)			VOC	0.130	0.568
110 to 114	Storage Tanks (Five Total)			VOC	0.116	0.510
119 to 124	Storage Tanks (Six Total)			VOC	0.008	0.035
128 to 132	Storage Tanks (Five Total)			VOC	0.002	0.021
137 to 140	Storage Tanks (Four Total)			VOC	0.019	0.083
145 to 147	Storage Tanks (Three Total)			VOC	0.012	0.051
153 to 155	Storage Tanks (Three Total)			VOC	0.011	0.046
162	Storage Tank			VOC	0.013	0.056
167	Storage Tank			VOC	0.013	0.057
174 to 175	Storage Tanks (Two Total)			VOC	0.198	0.867
180 to 184	Storage Tanks (Five Total)			VOC	0.040	0.173

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187 to 197	Storage Tanks (Eleven Total)	VOC	0.018	0.077
301 to 317	Storage Tanks (Seventeen Total)	VOC	0.231	1.011

AIR CONTAMINANTS DATA

Emission Point No. (1)*	Source Name (2)	Air Contaminant Name (3)	lb/hr	<u>Emission Rates **</u> TPY
318A, B, & C	Storage Tanks (Three Total, Stacked)	VOC	0.005	0.020
319 to 321	Storage Tanks (Three Total)	VOC	0.008	0.032
322A, B, & C	Storage Tanks (Three Total, Stacked)	VOC	0.005	0.021
323 to 334	Storage Tanks (Twelve Total)	VOC	0.011	0.044
335 to 350	Storage Tanks (Sixteen Total)	VOC	0.261	1.141
357A, B, C, and D	Storage Tanks (Four Total, Stacked)	VOC	0.003	0.011
407 to 417	Storage Tanks (Eleven Total)	VOC	0.013	0.104
501 to 505	Storage Tanks (Five Total)	VOC	0.619	2.714
506	Storage Tank (IFR)	VOC	0.062	0.179
		BENZENE (4)	0.002	0.006
507	Storage Tank	VOC	0.098	0.148

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508 to 511	Storage Tanks (IFR) (Four Total)	VOC	0.194	0.849
512 to 515	Storage Tanks (Four Total)	VOC	0.052	0.232
601 to 606	Storage Tanks (IFR) (Six Total)	VOC	0.018	0.079
701 to 710	Storage Tanks (Ten Total)	VOC	0.338	1.480

## AIR CONTAMINANTS DATA

Emission Point No. (1)*	Source Name (2)	Air Contaminant Name (3)	lb/hr	<u>Emission Rates **</u> TPY	
801 to 802	Storage Tanks (IFR) (Two Total)	VOC	0.062	0.270	
BS-1	Boiler Stack (5)				
BD-1	TCGU Vent (5)				
BD-2	Kettle Vent (5)				
STK-O1	Boiler Stack (6)	VOC	0.070	0.306	
		NO <sub>x</sub>	1.334	5.840	
		CO	0.480	2.102	
		SO <sub>2</sub>	0.015	0.064	
		PM	0.290	1.270	
TL-A, B, & C	Truck Loading Racks 0.085 (Three Total)	VOC	0.013		
RL-D	Railcar Loading	VOC	0.009	0.037	
FU-1	Fugitive Components (8)	VOC	1.44	6.31	

## EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

- (1) Emission point identification - either specific equipment designation or emission point number (EPN) from plot plan.
- (2) Specific point source name. For fugitive sources use area name or fugitive source name.  
IFR - internal floating roof tank  
TCGU - TEXACO Continuous Grease Unit
- (3) PM - 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

- (4) Speciated emissions are included in total VOC emissions.
- (5) Emissions rates from EPNs BS-1, BD-1 AND BD-2 (which were constructed under standard exemptions) shall not exceed standard exemption rates and shall exist for no longer than 30 days after construction and modifications authorized under this permit are completed.
- (6) Includes total emissions from all facilities routed to this EPN.
- (7) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.

\* Emission rates for sequentially-numbered emission point numbers are the total emissions for all EPNs in the series.

\*\* 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