

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 7278

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>

Tank Sources

L-G-3A	T-4613A	VOC
L-G-3B	T-4613B	VOC
L-G-3C	T-4613C	VOC
L-G-4	T-4613D	VOC
M-H-1	T-4621A	VOC
M-H-2	T-4621B	VOC
M-H-3	T-4621C	VOC
Q-G-1	T-1816	VOC
Q-G-3	T-4600	VOC
T-H-0	T-4608	VOC
T-H-1	T-4618	VOC
U-G-0	T-4652A	VOC
U-G-1	T-4652B	VOC
U-G-2	T-4663C	VOC
U-G-3	T-4653B	VOC
U-G-4	T-4662A	VOC
U-G-5	T-4662B	VOC
U-G-6	T-4663A	VOC
U-G-7	T-4663B	VOC
U-G-8	T-4664	VOC
U-H-0	T-4680A	VOC
U-H-1	T-4660B	VOC
U-H-2	T-4655A	VOC
U-H-3	T-4655B	VOC
U-H-4	T-4686	VOC
U-H-5	T-4653C	VOC

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Emission * Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lb/hr	TPY
U-H-6	T-4653D	VOC		
U-H-7	T-4619A	VOC		
U-H-8	T-4619B	VOC		
W-G-0A	T-4603A	VOC		
W-G-0B	T-4603B	VOC		
W-G-1	T-4341	VOC		
W-G-3	T-4605B	VOC		
W-G-4	T-4605A	VOC		
W-G-5	T-4610	VOC		
W-G-7	T-4645	VOC		
W-G-8	T-4616	VOC		
W-G-9	T-4612A	VOC		
W-H-0	T-4612B	VOC		
W-H-1	T-4651	VOC		
W-H-2	T-4650B	VOC		
W-H-3	T-4650A	VOC		
W-H-4	T-4607	VOC		
W-H-5	T-4644B	VOC		
W-H-6	T-4644A	VOC		
W-H-7	T-4642B	VOC		
W-H-8	T-4642A	VOC		
W-H-9	T-4625A	VOC		
W-I-0	T-4625B	VOC		
W-I-1	T-4626	VOC		
W-I-5	T-4611	VOC		
W-T-1	T-4615A	VOC		
W-T-2	T-4603C	VOC		
W-I-7A	T-4601A	VOC		
W-I-7B	T-4601B	VOC		
W-I-7C	T-4601C	VOC		
W-I-8	T-4602	VOC		
W-I-9A	T-4604A	VOC		
W-I-9B	T-4604B	VOC		
U-H-9	T-4609	VOC		
W-I-6A	T-4628A	VOC		

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			lb/hr	TPY
W-I-6B	T-4628B	VOC		
W-I-4C	T-4660A	VOC		
W-I-4B	T-4660B	VOC		
W-I-4A	T-4661	VOC		
Loading Sources				
G-A-1	Load Spot No. 8	VOC		
G-A-2	Load Spot No. 9	VOC		
G-A-3	Load Spot No. 10	VOC		
G-A-4	Load Spot No. 13	VOC		
T-A-2	Load Spot No. 11	VOC		
T-A-3	Load Spot No. 14	VOC		
U-A-0A	Load Spot No. 18	VOC		
U-A-0B	Load Spot No. 19	VOC		
U-A-0C	Load Spot No. 20	VOC		
U-A-0D	Load Spot No. 21	VOC		
U-A-0E	Load Spot No. 22	VOC		
W-A-0A	Load Spot No. 4	VOC		
W-A-0B	Load Spot No. 7	VOC		
Fugitives				
G-GZ-0	Fugitives (4)	VOC		
L-GZ-0	Fugitives (4)	VOC		
M-GZ-0	Fugitives (4)	VOC		
Q-GZ-0	Fugitives (4)	VOC		
T-GZ-0	Fugitives (4)	VOC		
U-GZ-0	Fugitives (4)	VOC		
W-GZ-0	Fugitives (4)	VOC		
	TOTALS		75.13	70.42
B-D-0	HB2 Flare	VOC	91.93	8.73

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Emission * Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lb/hr	TPY
		NO _x	4.57	0.40
		CO	33.01	2.87
C-D-2	CHA Flare	VOC	143.77	13.33
		NO _x	7.15	0.61
		CO	51.62	4.40

- (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 are defined as alpha-olefins.
 NO_x - oxides of nitrogen
 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:

_____ Hrs/day ___ Days/week ___ Weeks/year or 8,760 Hrs/year

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

Dated_____