

EMISSION POINTS AND INDIVIDUAL EMISSION LIMITATIONS

Permit Number 7278

This table lists the maximum allowable emission caps or individual emission rates related to the sources of air contaminants on the applicant's property that are covered by this permit. The emission rates shown are derived from information submitted as part of the application for this permit and are the maximum rates allowed for these emission points. Any proposed increase in emission rates may require that the permit be amended.

AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2) TPY**	Air Contaminant Name (3)	Emission Rates*	
			lb/hr	
B-D-0	HB2 Flare	VOC	235.19	10.13
		NO _x	11.37	0.53
		SO ₂	<0.01	<0.01
		CO	82.09	3.80
C-D-2	CHA Flare	VOC	40.00	40.00
		NO _x	1.91	1.94
		SO ₂	<0.01	<0.01
		CO	13.82	14.04
A-D-1	Dry Flare	VOC	0.98	0.25
		NO _x	0.05	0.05
		SO ₂	<0.01	<0.01
		CO	0.39	0.37
		Al ₂ O ₃	<0.01	<0.01
L-G-0	D-811A Heavy Olefins Storage	VOC	0.48	0.07
L-G-1	D-811B Heavy Olefins Storage	VOC	0.48	0.07
M-H-1	T-4621A Olefin Storage	VOC	0.47	0.25
M-H-2	T-4621B Fuel Oil Storage	VOC	<0.01	<0.01
M-H-3	T-4621C Olefin Storage	VOC	3.54	2.12
Q-G-0	T-1815 H.O. Storage	VOC	4.49	1.70
Q-G-1	T-1816 H.O. Storage	VOC	0.71	0.23
Q-G-3	T-4600 Olefin Blend Tank	VOC	0.82	0.05

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			lb/hr	TPY**
U-G-0	T-4652 A Tank Vent	VOC	7.23	0.11
U-G-1	T-4652 B Tank Vent	VOC	7.23	0.08
U-G-2	T-4663 C Tank Vent	VOC	0.62	0.14
U-G-3	T-4653 B Tank Vent	VOC	5.24	0.01
U-H-0	T-4680 A Tank Vent C14	VOC	0.10	<0.10
U-H-1	T-4680 B Tank Vent C14	VOC	0.10	<0.10
U-H-4	T-4686 Tank Vent	VOC	4.87	0.03
U-H-5	T-4653 C Tank Vent C10	VOC	5.24	0.05
U-H-6	T-4653 D Tank Vent C10	VOC	5.24	0.07
W-G-7	T-4645 HO	VOC	0.09	<0.01
W-G-8	T-4616 HO	VOC	0.69	0.01
W-G-9	T-4612A HO	VOC	2.31	0.07
W-H-0	T-4612B HO	VOC	0.17	<0.01
W-H-1	T-4651 HO	VOC	0.60	<0.01
W-H-2	T-4650B HO	VOC	0.80	0.02
W-H-3	T-4650A HO	VOC	0.80	0.02
W-H-4	T-4607 HO	VOC	0.07	<0.01
W-H-5	T-4644B HO	VOC	0.09	<0.01

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			lb/hr	TPY**
W-H-6	T-4644A HO	VOC	0.69	<0.01
W-H-7	T-4642B HO	VOC	0.09	<0.01
W-H-8	T-4642A HO	VOC	0.17	<0.01
W-H-9	T-4625A HO	VOC	0.55	<0.01
W-I-0	T-4625B HO	VOC	0.55	<0.01
W-I-1	T-4626 HO	VOC	0.60	0.01
W-I-4A	T-4661 HO	VOC	0.07	<0.01
W-I-4B	T-4660B HO	VOC	0.21	<0.01
W-I-4C	T-4660A HO	VOC	0.01	<0.01
W-I-5	T-4611 HO	VOC	0.01	<0.01
L-G-3A	T-4613A Light Olefin Storage	VOC	0.75	0.42
L-G-3B	T-4613B Light Olefin Storage	VOC	0.75	0.42
L-G-3C	T-4613C Light Olefin Storage	VOC	0.75	0.42
L-G-4	T-4613D Light Olefin Storage	VOC	0.90	0.51
U-G-4	T-4662A Tank Vent	VOC	0.89	0.22
U-G-5	T-4662B Tank Vent	VOC	0.89	0.22
U-G-6	T-4663A Tank Vent	VOC	0.62	0.14
U-G-7	T-4663B Tank Vent	VOC	0.62	0.14

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			<u>lb/hr</u>	<u>TPY**</u>
U-G-8	T-4664 Tank Vent	VOC	0.62	0.14
U-A-0A	Load Spot No. 18	VOC	0.72	0.07
U-A-0B	Load Spot No. 19	VOC	0.72	0.07
U-A-0C	Load Spot No. 20	VOC	0.72	0.07
U-A-0D	Load Spot No. 21	VOC	0.72	0.07
U-A-0E	Load Spot No. 22	VOC	0.72	0.07
L-D-0T	Portable Flare for T-4613D Degas	VOC	0.01	<0.01
		NO _x	<0.01	
		CO	0.06	0.01
L-D-1T	Portable Flare for T-4621C Degas	VOC	0.15	0.01
		NO _x	<0.01	
		CO	0.06	0.01
K-A-1C	East Dock - Fuel Oil/Olefins	VOC	<0.01	<0.01
A-GZ-1	Area A Fugitive Emissions (4)	VOC	5.61	24.59
K-GZ-1	Area K Fugitive Emissions (4)	VOC	0.01	0.05
L-GZ-0	Area L Fugitive Emissions (4)	VOC	0.08	0.34
M-GZ-0	Area M Fugitive Emissions (4)	VOC	0.10	0.46
Q-GZ-0	Area Q Fugitive Emissions (4)	VOC	0.11	0.49
U-GZ-0	Area U Fugitive Emissions (4)	VOC	0.58	2.54

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W-GZ-0	Area W Fugitive Emissions (4)	VOC	0.44	1.92
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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) NO_x - total oxides of nitrogen
CO - carbon monoxide
SO₂ - sulfur dioxide
PM₁₀ - 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.
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 8,760 Hrs/year

** Compliance with annual emission limits is based on a rolling 12-month period.

Dated January 12, 2007