

# EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 7223A and PSD-TX-193M3

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 Name (2)	Name (3)	Air Contaminant lb/hr	TPY	<u>Emission Rates *</u>	
1,6-HEXANEDIOL UNIT						
3-6-01	T-935 Scrubber		Acid Water	<0.01	<0.01	
			VOC	<0.01	<0.01	
3-6-02	Tank D-980		VOC	0.68	0.03	
3-6-03	Tank D-947		VOC	0.10	0.15	
3-6-04	Tank D-977		VOC	<0.01	<0.01	
3-6-05	Tank D-978		VOC	0.07	0.03	
3-6-06	Fugitives		Acid Water	0.11	0.48	
			VOC	0.61	2.68	
3-6-07	Tank D-969		VOC	0.22	0.08	
3-6-08	Diols Loading		VOC	0.93	0.02	
3-6-09	1,6-Hexanediol Loading		VOC	0.17	0.02	
3-6-10	Heavies Loading		VOC	2.29	0.07	
3-6-11	Vacuum Pump 940		VOC	0.47	<b>2.26</b>	
3-6-12	Vacuum Pump 960		VOC	0.11	<b>0.58</b>	
3-6-13	Vacuum Pump 965		VOC	0.06	0.30	
3-6-14	Vacuum Pump 970		VOC	0.26	<b>1.35</b>	
3-6-15	Tank D-926 Sump		VOC	0.87	<0.01	

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			lb/hr	TPY
3-6-17	Tank D-974A	VOC	<0.01	0.01
3-6-18	Tank D-979	VOC	0.68	0.19
3-6-20	Tank D-966	VOC	0.10	0.02

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	TPY
NEOPENTYL GLYCOL UNIT				
5-5-02	Tank D-852	VOC	1.41	1.36
5-5-04	T-871 Scrubber	Formaldehyde	0.22	0.03
		VOC	2.25	0.41
		PM	0.32	1.40
5-5-06	Neopentyl Glycol Emergency Flare	For emergency use only		
5-5-08	Neopentyl Glycol Boiler	NO <sub>x</sub>	30.00	131.40
		CO	10.60	51.73
		VOC	0.44	2.00
		PM	2.89	12.66
5-5-10	Fugitives (4)	Trimethylamine	0.03	0.13
		Formaldehyde	0.04	0.16
		VOC	0.54	2.36
5-5-11	Slurry Loading Scrubber	VOC	0.49	0.15

- (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) PM - particulate matter  
VOC - volatile organic compounds as defined in General Rule 101.1  
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.

\* 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

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	<u>Emission Rates *</u>	
			lb/hr	TPY

Dated \_\_\_\_\_