

# EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 7602A

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)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	TPY**
531	Neohexene Fugitives (4)	VOC (5)	1.04	4.54
		ethylene	0.33	1.44
		propylene	0.02	0.08
		1,3-butadiene	0.01	0.01
		butenes	0.02	0.11
533	Regeneration Heater	VOC	0.01	0.01
		NO <sub>x</sub> 0.05	0.20	
		CO 0.04	0.17	
		PM <sub>10</sub> 0.01	0.02	
		SO <sub>2</sub> 0.01	0.01	
618	Neohexene Analyzer Vents	VOC (5)	0.37	1.64
		ethylene	0.09	0.40
		propylene	0.01	0.01
		butenes	0.19	0.85

- (1) Emission point identification - either specific equipment designation or emission point number from a plot plan.
- (2) Specific point source names. For fugitive sources, use an area name or fugitive source name.
- (3) VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1  
 NO<sub>x</sub> - total oxides of nitrogen  
 SO<sub>2</sub> - sulfur dioxide  
 PM<sub>10</sub> - particulate matter equal to or less than 10 microns in diameter.  
 CO - carbon monoxide
- (4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.
- (5) The allowable emission rates listed for individual VOC species from this EPN are included in the total VOC emission rates.

\* 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.

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Dated September 15, 2006