

## EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 262

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**
61/62ESTERSFUG	Esters Unit Fugitives (4)	VOC	4.29	18.78
		CO	0.22	0.97
		SO <sub>2</sub>	0.38	1.66
64MT10FUG	Cooling Tower MT-10 (4)	VOC	4.87	21.34
61BAANAL	Butyl Acrylate Unit Analyzer Vents	VOC	0.01	0.01
62EAANAL	Ethyl Acrylate Unit Analyzer Vents	VOC	0.01	0.01
61HELDFUG	Butyl Acrylates Heavy Ends Loading Fugitives	VOC	0.31	0.01
66SSLDFUG	Spent Sulfuric Acid Loading Fugitives	VOC	0.10	0.05
		H <sub>2</sub> SO <sub>4</sub>	0.01	0.01
63MN457ST	Organic Liquids Incinerator (31 MMBtu/hr Gas-Fired RCRA Liquid Incinerator)	VOC	1.26	5.51
		NO <sub>x</sub>	32.0	127.5
		SO <sub>2</sub>	4.0	17.5
		PM <sub>10</sub>	3.31	14.49
		CO	2.79	12.20

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- (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  
SO<sub>2</sub> - sulfur dioxide  
CO - carbon monoxide  
H<sub>2</sub>SO<sub>4</sub> - sulfuric acid  
NOx - total oxides of nitrogen  
PM<sub>10</sub> - 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.
- (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:

24 Hrs/day 7 Days/week 52 Weeks/year or 8,760 Hrs/year

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

Dated September 15, 2006