

# EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 74063

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**
BOILER	Boiler (0.3 MMBtu/hr)	VOC	0.01	0.01
		NO <sub>x</sub>	0.03	0.04
		SO <sub>2</sub>	0.01	
		PM <sub>10</sub>	0.01	
		CO	0.03	
FUG	Fugitive Emissions (4)	IOC-U	0.85	1.80
HC-100	Hydrocarbon Burner (0.2 MMBtu/hr)	VOC (5)	2.00	0.06
		NO <sub>x</sub>	0.03	0.03
		SO <sub>2</sub>	0.01	
		PM <sub>10</sub>	0.01	
		CO	0.02	
		benzene	0.40	(5)
		1,3-butadiene	0.59	(5)
		1-butene	0.85	(5)
OVEN	Oven (0.5 MMBtu/hr)	VOC	0.01	0.01
		NO <sub>x</sub>	0.05	0.06
		SO <sub>2</sub>	0.01	
		PM <sub>10</sub>	0.01	
		CO	0.04	
SC-100	Scrubber	VOC	0.01	0.01
		IOC-U	0.23	
		SO <sub>2</sub>	0.01	
SC-200	HCl Scrubber	IOC-U	0.40	0.06
T-500	Cooling Bath	VOC	1.38	0.07

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

- (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. Where PM is not listed, it shall be assumed that no PM greater than 10 microns is emitted.  
CO - carbon monoxide  
IOC-U - inorganic compounds (unspeciated)
- (4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.
- (5) Total emissions of VOC from the Hydrocarbon Burner are limited to 2.00 pounds per hour and 0.06 ton per year including emissions of benzene, 1,3-butadiene, and 1-butene.

\* 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 March 29, 2005