

## EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 74865

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**
TO-1	Thermal Oxidizer	Styrene	7.2	(4)
		Methyl Methacrylate	7.2	(4)
		Ethanol	7.2	(4)
		Other VOC	10.0	(4)
		NO <sub>x</sub>	1.4	6.13
		CO	1.2	5.26
		SO <sub>2</sub>	< 0.1	0.04
		PM	0.1	0.48
		Toluene	1.8	(4)
		Methyl Ethyl Ketone	0.1	(4)
RF-1 through RF-6	Roof Fans 1 through 6	Styrene	4.0	(4)
		Methyl Methacrylate	4.0	(4)
		Dibasic Ester	10.0	(4)
		ES	8.3	20.0

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DC-1 through DC- 5	Dust Collectors	PM	0.13	0.58
Plant wide HAP Limits		Single HAP (5)		< 10.0
		Total HAP (6)		< 25.0

- (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 - particulate matter, suspended in the atmosphere, including PM<sub>10</sub> and PM<sub>2.5</sub>
  - PM<sub>10</sub> - particulate matter equal to or less than 10 microns in diameter
  - PM<sub>2.5</sub> - particulate matter equal to or less than 2.5 microns in diameter
  - CO - carbon monoxide
  - ES - Exempt solvents as defined in 30 TAC § 101.1
  - HAP - hazardous air pollutant as listed in § 112(b) of the Federal Clean Air Act or Title 40 Code
- (4) Plantwide annual emissions of these VOCs shall not exceed 24.9 tons per year (tpy).
- (5) The emission rate of any one HAP is limited to less than 10 tpy.
- (6) The total emission rate of all HAPs is limited to less than 25 tpy.

\* 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

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

Date December 1, 2008