

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 74865

Phase I

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**
MS-1	Main Stack	Styrene	14.4	(4)
		Methyl Methacrylate	14.4	(4)
		Ethanol	14.4	(4)
		Other VOC	14.4	(4)
RF-1 through RF-6	Roof Fans 1 through 6	Styrene	2.6	(4)
		Methyl Methacrylate	2.6	(4)
		Dibasic Ester	3.3	(4)
		ES 3.0	13.1	
DC-1 through DC-5	Dust Collectors	PM	0.07	0.31
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 (30 TAC) § 101.1
 - ES - exempt solvents as defined in 30 TAC § 101.1
 - PM - particulate matter, suspended in the atmosphere, including PM₁₀.
 - PM₁₀ - 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.
 - HAP - hazardous air pollutant as defined in Title 40 Code of Federal Regulations, Part 63, Subpart C.
- (4) Plant wide annual emissions of these VOC 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.

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* 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.

Dated July 14, 2005