

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 3069A

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	ton/yr
TO-1	Thermal Oxidizer	Pentane	8.1	35.4
		POC	<0.1	0.2
F-1	Fugitives from Valves and Flanges (4)	Pentane	0.7	2.7
		Styrene	<0.1	0.3
FL-1	Flare	Pentane	6.8	29.8
		POC	6.8	29.6
R-3, R-4, and R-5	Fugitives From Poly Reactors (4)	Styrene	<0.1	0.3
T-4, T-5, and T-6	Fugitives From Tanks (4)	Styrene	0.2	0.8
P-1 and P-2	Particulate Filters (5)	PM	0.3	1.4
R-1, R-2, and R-8	Fugitives From Poly/EPS Reactors (4)	Styrene	<0.1	<0.1

(1) Emission point identification - either specific equipment designation or emission point number from plot plan.

(2) Specific point source name. For fugitive sources use area name or fugitive source name.

(3) PM - particulate matter

POC - products of combustion: VOC, PM, NO_x, SO₂, and CO

VOC - volatile organic compounds as defined in General Rule 101.1

NO_x - nitrogen oxides

SO₂ - sulfur dioxide

CO - carbon monoxide

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VOC from POC shall not exceed 0.1 tpy

- (4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.
- (5) Emission Point Nos. P-1 and P-2 may operate at 0.6 lb/hr and 2.1 tpy of PM until June 1, 1995, at which time interim control devices shall be used to reduce emissions to levels at or below the limits specified in the above table. The interim control devices shall be replaced by two particulate filters by September 30, 1995.
- * Emission rates are based on and the facilities are limited by the following maximum operating schedule:

Hrs/day____Days/week____Weeks/year____or Hrs/year 8,760

Dated _____