

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 8029

The total emissions of air contaminants from any of the sources listed on this table shall not exceed the stated values. 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 sources. The annual emission rates are based on a rolling 12-month period.

AIR CONTAMINANTS DATA

<u>Emission</u> *	Source	Air Contaminant	<u>Emission</u>	<u>Rates</u>
Point No. (1)	lb/hr	Name TPY	Name (2)	
22	Breakdown Hoods	PM	0.47	2.06
27	Graphite Machining and Pyrolytic Carbon Polishing	PM	0.39	1.70
13, 33 (3)	Pyrolytic Carbon Coating Line (Monsanto Dynawave Scrubber and CALVERT Collision Scrubber)	PM HCl VOC	0.92 0.47 9.03	4.03 2.06 19.71

(1) Emission point identification from Table 1(a) dated November 1993.

(2) PM - total particulate matter, including PM₁₀

PM₁₀ - particulate matter less than 10 microns in diameter

HCl - hydrochloric acid

VOC - volatile organic compounds as defined in General Rules §101.1 and includes primarily propane, propylene, and methane (a Non-VOC)
Non-VOC - those compounds which have been excluded from the definition of VOC

(3) Emission Point No. 13 is from the primary control, a Monsanto Dynawave Scrubber. Emission Point No. 33 is from the backup control, a CALVERT Collision Scrubber. Both points have identical maximum hourly emission rates. The maximum annual emission rates are based on the total operating limit of 8,760 hours per year for both sources combined. These sources shall not be allowed to emit simultaneously.

* Emission rates are based on and the facilities are limited by the following maximum operating schedule:

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

Dated_____