

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. The annual emission rates (in TPY) are based on a rolling 12-month period.

AIR CONTAMINANTS DATA

Emission *	Source	Air Contaminant	<u>Emission Rates</u>	
Point No. (1)	Name (2)	Name (3)	lb/hr	TPY
22	Breakdown Hoods	PM	0.47	2.06
27	Graphite Machining and Pyrolytic Carbon Polishing	PM	0.39	1.70
13, 33 (4)	Pyrolytic Carbon Coating Line	PM		0.92
	4.03			
	(Monsanto Dynawave® and	HCl		0.47
	2.06			
	Calvert Collision Scrubber™)	VOC		9.03
	19.71			

(1) Emission point number from Table 1(a) dated May 1, 1996.

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

(3) PM - particulate matter emissions, including PM₁₀, as defined in General Rule 101.1.

PM₁₀ - PM₁₀ emissions, as defined in General Rule 101.1.

HCl - hydrochloric acid

VOC - volatile organic compounds as defined in General Rule 101.1 and includes primarily propane, propylene, and methane (a non-VOC).

non-VOC - methane, a carbon compound excluded from the definition of VOC.

(4) 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 EPNs have identical

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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.

Dated _____