

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

8029

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) | <u>Emission Rates *</u> | |
|---------------------------|-----------------------------------------------------------------------------------------------------------------|-----------------------------|-------------------------|------|
| | | | lb/hr | TPY |
| 22 | Breakdown Hoods | PM | 0.09 | 0.25 |
| 27 | Graphite Machining and Pyrolytic Carbon Polishing | PM | 0.36 | 1.31 |
| 13, 33 (4) | Pyrolytic Carbon Coating Line (CALVERT Collision Scrubber and Rosswood FRP Baghouses and wet scrubber) | PM | 0.60 | 1.78 |
| | | HCl | 0.30 | 0.89 |
| | | He | 4.8 | 14.1 |
| | | H | 4.9 | 14.4 |
| | | VOC | 6.0 | 11.8 |

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

PM - particulate matter including total suspended particulate

HCl - hydrochloric acid

He - helium

H - hydrogen

(4) Emission Point No. 33 is from the primary control, a CALVERT Collision Scrubber. Emission Point No. 13 is from the backup controls, Rosswood FRP baghouses and wet scrubber. Both points have identical maximum hourly allowable emissions. The maximum annual emissions are based on the total operating limit of 5900 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:

Hrs/day 24 Days/week 7 Weeks/year 52 or Hrs/year 8760

The specific hourly limitations for each particular EPN and the associated process equipment is limited to:

EPN
13 + 33

Hrs/Yr
5900

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| | |
|----|------|
| 22 | 5500 |
| 27 | 7300 |

Revised_____