

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF AIR QUALITY

OPERATING PERMIT

In accordance with Section 7.2 of the Air Pollution Control Act, the Act of January 8, 1960, P.S. 2119, as amended, 35 P.S. §4007.2, and Section 127.445 of Chapter 127 of the rules and regulations of the Department of Environmental Protection the Department hereby issues this permit for the operation of the Major VOC Emitting Facility described below:

Permit No. OP-40-0001A

VOC Emitting Facility

Owner: Harris Semiconductor

Sources: See Condition No. 4

Air Cleaning Device: Eleven (11) Fume Scrubbers.

Address: 125 Crestwood Road
Mountaintop, Pa. 18707-2189

Location: Wright Township
Luzerne County

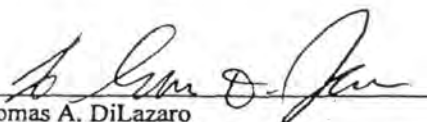
Attention: Mr. David Ruskey
Engineer-Environmental

This permit is subject to the following conditions:

1. That the source(s) and any associated air cleaning device(s) are to be:
 - a. operated in such manner as not to cause air pollution;
 - b. in compliance with the specifications and conditions of the applicable plan approval(s) and operating permit(s); and
 - c. operated and maintained in a manner consistent with good operating and maintenance practices.
2. This permit is valid only for the specific equipment, location and owner described above. This permit is valid for a period of 5 years for all sources listed in this operating permit.

(SEE THE ATTACHED ADDITIONAL CONDITIONS)

Issued APR 16 1999


Thomas A. DiLazaro
Regional Air Quality Program Manager

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3. The total volatile organic compounds emission from the Mountaintop facility shall not exceed 49.9 tons per year on a 12 month rolling period.
4. This operating permit is issued for the following sources:
 - a) Six (6) Vapor Degreasers
 - b) One (1) Spray Clean Station
 - c) One (1) Wipe Cleaning Operation
 - d) One (1) Metals-Acid Etch & Clean
 - e) One (1) Materials-Acid Etch & Clean
 - f) One (1) FAB Acid Etch & Clean
 - g) Four (4) Cleaver Brooks Boilers (12.5 MMBtu/hr each)
 - h) One (1) Drying Station
 - i) One (1) Fuel Oil Storage Tank
 - j) One (1) Photolithography Lab (FAB)
5. The emission of an individual hazardous air pollutant from the facility shall be less than 10 tons per year, and that of a combination of hazardous air pollutants shall be less than 25 tons per year on a 12 month rolling basis.
7. The six (6) Vapor Degreasers shall comply with the VOC RACT requirements as listed in 25 Pa. Code, Chapter 129.63 as stated in 25 Pa. Code, Chapter 129.91.
8. The one (1) Fuel Oil Storage Tank shall comply with the VOC RACT requirements as listed in 25 Pa. Code, Chapter 129.57 as stated in 25 Pa. Code, Chapter 129.91.
9. VOC RACT for the four (4) Cleaver Brooks Boilers shall be the maintenance and operation of the sources in accordance with manufacturers specifications. The sources shall also be operated and maintained in accordance with good air pollution control practices.
10. VOC RACT for the one (1) Spray Clean Station, one (1) Wipe Clean Operation, one (1) Metals-Acid Etch & Clean, one (1) Materials-Acid Etch & Clean, one (1) FAB-Etch & Clean, one (1) Drying Station, and one (1) Photolithography Lab (FAB) shall be current operating procedures in accordance with manufacturers specifications. The sources shall also be operated and maintained in accordance with good air pollution control practices.
11. The emissions from these sources shall not exceed the following:

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<u>SOURCE</u>	<u>POLLUTANT</u>	<u>EMISSION LIMIT</u>
FAB	VOC	7.2 Lbs/hr
Six (6) Vapor Degreasers	VOC	0.175 TPY
One (1) Spray Clean Station	VOC	0.20 TPY
One (1) Wipe Clean Operation	VOC	1.00 TPY
One (1) Metals-Etch & Clean	VOC	0.1 TPY
One (1) Maintenance-Etch & Clean	VOC	0.45 TPY
One (1) FAB-Etch & Clean	VOC	0.75 TPY
Four (4) Cleaver Brooks Boilers	VOC	1.24 TPY
One (1) Hybrid Drying Station	VOC	0.12 TPY
One (1) Fuel Oil Storage Tank	VOC	0.012 TPY

12. Monitoring, Recordkeeping, and Reporting Procedures:

Harris Semiconductor shall maintain records in accordance with the minimum recordkeeping requirements of 25 PA Code 129.95. At a minimum, this shall include:

- A. Records shall provide sufficient data and calculations to clearly demonstrate that the requirements of Condition Nos. 3, 5 and 11 be met.
- B. Data or information required to determine compliance with Condition Nos. 3, 5 and 11 shall be recorded and maintained in a time frame consistent with the averaging period of the requirements.
- C. Records shall be retained for at least two years and be made available to the Department upon request.
- D. Harris Semiconductor shall send quarterly VOC emissions report to the Department.

