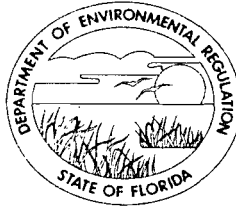


STATE OF FLORIDA  
DEPARTMENT OF ENVIRONMENTAL REGULATION

TWIN TOWERS OFFICE BUILDING  
2600 BLAIR STONE ROAD  
TALLAHASSEE, FLORIDA 32301-8241



BOB GRAHAM  
GOVERNOR

VICTORIA J. TSCHINKEL  
SECRETARY

STATE OF FLORIDA  
DEPARTMENT OF ENVIRONMENTAL REGULATION  
NOTICE OF PERMIT

Mr. J. R. Kolanek  
Manager, Environmental Services  
Harris Semiconductor  
Post Office Box 883  
Melbourne, Florida 32901

January 15, 1986

Enclosed are Permit Numbers AC 05-104512, AC 05-104513, AC 05-104515, AC 05-104519, AC 05-104521, AC 05-104522, AC 05-104523, AC 05-104524, AC 05-104525, and AC 05-104527 to Harris Semiconductor which authorize the construction of hood type work stations for the manufacture of semiconductors at your existing facility in Brevard County, Florida. These permits are issued pursuant to Section 403, Florida Statutes.

Any Party to these permits has the right to seek judicial review of the permits pursuant to Section 120.68, Florida Statutes, by the filing of a Notice of Appeal pursuant to Rule 9.110, Florida Rules of Appellate Procedure, with the clerk of the Department in the Office of General Counsel, 2600 Blair Stone Road, Tallahassee, Florida 32301; and by filing a copy of the Notice of Appeal accompanied by the applicable filing fees with the appropriate District Court of Appeal. The Notice of Appeal must be filed within 30 days from the date these permits are filed with the clerk of the Department.

Sincerely,

C. H. Fancy, P.E.  
Deputy Chief  
Bureau of Air Quality  
Management

Enclosure

cc: Tom Sawicki

CERTIFICATION

This is to certify that the foregoing Notice of Permit and all copies requested were mailed before the close of business on 15 January, 1986.



C. H. Fancy, P.E.  
Deputy Chief  
Bureau of Air Quality  
Management  
2600 Blair Stone Road  
Tallahassee, Florida 32301

FILING AND ACKNOWLEDGEMENT  
FILED, on this date, pursuant to  
§120.52(9), Florida Statutes, with  
the designated Department Clerk,  
receipt of which is hereby  
acknowledged.

Patricia G. Adams  
Clerk

Jan. 15, 1986  
Date

Final Determination

Conductor Production Process  
Harris Semiconductor  
Brevard County  
Melbourne, Florida

Permit Numbers:

AC 05-104512  
104513  
104515  
104519  
104521  
104522  
104523  
104524  
104525  
104527

Florida Department of Environmental Regulation  
Bureau of Air Quality Management  
Central Air Permitting

January 8, 1986

## Final Determination

The construction applications and attachments have been reviewed by the department. Public notice of the department's intent to issue was published in the Today Newspaper issue on November 16, 1985. The technical evaluation and preliminary determination were available for public inspection at the DER's St. Johns River District Office and Bureau of Air Quality Management office.

Comments were reviewed on December 13, 1985 from Mr. Dennis R. Erdley, Environmental Attorney for Harris Corporation-Semiconductor Sector. The comments will become attachments to the appropriate permits. The bureau's comments will follow and be numbered so as to correspond with the number of Mr. Erdley's comments, which will not be restated.

1. The bureau agrees with the proposed changes and the following Specific Conditions will be changed:

a. Permits Affected:

AC 05-104512, -104513, -104515, -104519 and -104527

No.4:

**From:** An inspection and maintenance plan shall be submitted to DER's St. Johns River District office as part of the operating permit application. The plan shall include provisions for the prevention and correction of VOC/solvent losses from leaks and equipment malfunction and a record system on the amount and type VOC/solvents purchased and reclaimed.

**To:** An inspection and maintenance plan shall be submitted to DER's St. Johns River District Office as part of the operating permit application. The plan shall include provisions for the prevention and correction of VOC/solvent losses from leaks and equipment malfunction.

No.5

**From:** Compliance with the VOC/solvent emissions limit for the working stations and the scrubber system shall be determined through the use of a material balance of the VOC/solvents purchased and reclaimed.

**To:** Compliance with the VOC/solvent emissions limit for the working stations and the scrubber system shall be determined through sampling and analysis. A sample shall be taken and analyzed, once a year, to determine

the scrubber's efficiency. An annual report, summarizing the sampling results, shall be due sixty (60) days after the anniversary date of the operating permit and is to be submitted to DER's St. Johns River District Office.

No.8

From: Annual reports, kept by month, shall be due 15 days after the anniversary date of the operating permit and are to be submitted to the DER's St. Johns River District Office. The annual reports are to contain the amounts of all VOC/solvents by chemical, purchased and reclaimed.

To: A report shall be submitted, on September 1, 1986 and annually thereafter, to DER's St. Johns River District Office. The report shall address the entire Harris Semiconductor facility and reflect the amounts of all VOC/solvents by chemical, purchased and reclaimed or disposed of off-site.

b. Permits Affected:

AC 05-104521, -104522, -104524 and -104525

No.5

From: An inspection and maintenance plan shall be submitted to DER's St. Johns River District office as part of the operating permit application. The plan shall include provisions for the prevention and correction of VOC/solvent losses from leaks and equipment malfunction and a record system on the amount and type VOC/solvents purchased and reclaimed.

To: An inspection and maintenance plan shall be submitted to DER's St. Johns River District Office as part of the operating permit application. The plan shall include provisions for the prevention and correction of VOC/solvent losses from leaks and equipment malfunction.

No.6

From: Compliance with the VOC/solvent emissions limit for the working stations and the scrubber system shall be determined through the use of a material balance of the VOC/solvents purchased and reclaimed.

To: Compliance with the VOC/solvent emissions limit for the working stations and the scrubber system shall be

determined through sampling and analysis. A sample shall be taken and analyzed, once a year, to determine the scrubber's efficiency. An annual report, summarizing the sampling results, shall be due sixty (60) days after the anniversary date of the operating permit and is to be submitted to DER's St. Johns River District Office.

No.9

From: Annual reports, kept by month, shall be due 15 days after the anniversary date of the operating permit and are to be submitted to the DER's St. Johns River District Office. The annual reports are to contain the amounts of all VOC/solvents by chemical, purchased and reclaimed.

To: A report shall be submitted, on September 1, 1986 and annually thereafter, to DER's St. Johns River District Office. The report shall address the entire Harris Semiconductor facility and reflect the amounts of all VOC/solvents by chemical, purchased and reclaimed or disposed of off-site.

c. Permit Affected:

AC 05-104523

No.5

From: A record system on the amount and types of solvents purchased, reclaimed, recycled, lost due to container damage, etc., shall be required.

To: Compliance with VOC/solvent emissions limit for the working stations and the scrubber system shall be determined through sampling and analysis. A sample shall be taken and analyzed, once a year, to determine the scrubber's efficiency. An annual report, summarizing the sampling results, shall be due sixty (60) days after the anniversary date of the operating permit and is to be submitted to DER's St. Johns River District Office.

No.8

From: Annual reports, kept by month, shall be due 15 days after the anniversary date of the operating permit and are to be submitted to the DER's St. Johns River District Office. The annual reports are to contain the amounts of all by chemicals purchased, reclaimed, recycled, lost due to damaged containers, etc.

To: A report shall be submitted, on September 1, 1986 and annually thereafter, to DER's St. Johns River District Office. The report shall address the entire Harris Semiconductor facility and reflect the amounts of all VOC/solvents by chemical, purchased and reclaimed or disposed of off-site.

2. In order to obtain operating permits, the actual operating efficiency of each scrubber will have to be demonstrated and submitted to the DER's St. Johns River District Office along with other material required pursuant to FAC Rules 17-4.22 and 17-4.23.

3. No comment required. See Mr. Erdley's letter dated December 18, 1986.

Attachments to be incorporated are:

Affected Permits:

AC 05-104512, -104513, -104515, -104519, -104521, -104522,  
-104523, -104524, -104525 and -104527

5. Mr. Dennis R. Erdley's letter dated November 14, 1985.
6. OGC Case No. 85-1286-95 filed by B. J. Owens, Assistant General Counsel-DER.
7. Mr. Dennis R. Erdley's letter dated December 12, 1985.
8. Mr. Dennis R. Erdley's letter dated December 18, 1985.

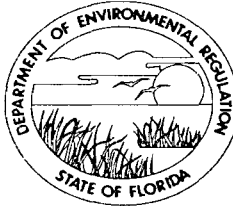
The bureau will incorporate the changes to the Specific Conditions in the affected construction permits, as referenced above in the Final Determination. It is recommended that the construction permits be issued as drafted, with the above changes and attachments incorporated.

AC 05-104512



STATE OF FLORIDA  
DEPARTMENT OF ENVIRONMENTAL REGULATION

TWIN TOWERS OFFICE BUILDING  
2600 BLAIR STONE ROAD  
TALLAHASSEE, FLORIDA 32301-8241



BOB GRAHAM  
GOVERNOR

VICTORIA J. TSCHINKEL  
SECRETARY

**PERMITTEE:**  
Harris Semiconductor  
P. O. Box 883  
Melbourne, Florida 32901

Permit Number: AC 05-104512  
Expiration Date: June 30, 1986  
County: Brevard  
Latitude/Longitude: 28° 01' 20" N/  
80° 36' 10" W  
Project: Building 63 VOC/Solvent  
Vapor Exhaust Scrubber

This permit is issued under the provisions of Chapter 403, Florida Statutes, and Florida Administrative Code Rule(s) 17-2 and 17-4. The above named permittee is hereby authorized to perform the work or operate the facility shown on the application and approved drawing(s), plans, and other documents attached hereto or on file with the department and made a part hereof and specifically, described as follows:

For the permitting of hood type work stations for the manufacture of semiconductors in Building 63. A 10,000 dscfm fume scrubber manufactured by Beverly Pacific is installed to control VOC/solvent vapors at the permittee's existing facility located on Palm Bay Road. The UTM coordinates are Zone 17-538.7 km East and 3100.9 km North.

The source shall be in accordance with the permit application and plans, documents, amendments, and drawings except as otherwise noted on pages 5-7, Specific Conditions.

**Attachments are as follows:**

1. Application to Construct Air Pollution Sources, DER Form 17-1.202(1), and Mr. James R. Kolanek's cover letter dated May 21, 1985.
2. Mr. James R. Kolanek's letter with Attachment dated June 12, 1985.
3. Mr. C. H. Fancy's letter dated June 21, 1985.
4. Mr. James R. Kolanek's letter with Attachments dated August 21, 1985.
5. Mr. Dennis R. Erdley's letter dated November 14, 1985.
6. OGC Case No. 85-1286-95 filed by Ms. B. J. Owens, Assistant General Counsel-DER.
7. Mr. Dennis R. Erdley's letter dated December 12, 1985.
8. Mr. Dennis R. Erdley's letter dated December 18, 1985.

PERMITTEE:  
Harris Semiconductor

Permit Number: AC 05-104512  
Expiration Date: June 30, 1986

**GENERAL CONDITIONS:**

1. The terms, conditions, requirements, limitations, and restrictions set forth herein are "Permit Conditions" and as such are binding upon the permittee and enforceable pursuant to the authority of Sections 403.161, 403.727, or 403.859 through 403.861, Florida Statutes. The permittee is hereby placed on notice that the department will review this permit periodically and may initiate enforcement action for any violation of the "Permit Conditions" by the permittee, its agents, employees, servants or representatives.
2. This permit is valid only for the specific processes and operations applied for and indicated in the approved drawings or exhibits. Any unauthorized deviation from the approved drawings, exhibits, specifications, or conditions of this permit may constitute grounds for revocation and enforcement action by the department.
3. As provided in Subsections 403.087(6) and 403.722(5), Florida Statutes, the issuance of this permit does not convey any vested rights or any exclusive privileges. Nor does it authorize any injury to public or private property or any invasion of personal rights, nor any infringement of federal, state or local laws or regulations. This permit does not constitute a waiver of or approval of any other department permit that may be required for other aspects of the total project which are not addressed in the permit.
4. This permit conveys no title to land or water, does not constitute state recognition or acknowledgement of title, and does not constitute authority for the use of submerged lands unless herein provided and the necessary title or leasehold interests have been obtained from the state. Only the Trustees of the Internal Improvement Trust Fund may express state opinion as to title.
5. This permit does not relieve the permittee from liability for harm or injury to human health or welfare, animal, plant or aquatic life or property and penalties therefore caused by the construction or operation of this permitted source, nor does it allow the permittee to cause pollution in contravention of Florida Statutes and department rules, unless specifically authorized by an order from the department.

PERMITTEE:  
Harris Semiconductor

Permit Number: AC 05-104512  
Expiration Date: June 30, 1986

**GENERAL CONDITIONS:**

6. The permittee shall at all times properly operate and maintain the facility and systems of treatment and control (and related appurtenances) that are installed or used by the permittee to achieve compliance with the conditions of this permit, as required by department rules. This provision includes the operation of backup or auxiliary facilities or similar systems when necessary to achieve compliance with the conditions of the permit and when required by department rules.

7. The permittee, by accepting this permit, specifically agrees to allow authorized department personnel, upon presentation of credentials or other documents as may be required by law, access to the premises, at reasonable times, where the permitted activity is located or conducted for the purpose of:

- a. Having access to and copying any records that must be kept under the conditions of the permit;
- b. Inspecting the facility, equipment, practices, or operations regulated or required under this permit; and
- c. Sampling or monitoring any substances or parameters at any location reasonably necessary to assure compliance with this permit or department rules.

Reasonable time may depend on the nature of the concern being investigated.

8. If, for any reason, the permittee does not comply with or will be unable to comply with any condition or limitation specified in this permit, the permittee shall immediately notify and provide the department with the following information:

- a. a description of and cause of non-compliance; and
- b. the period of noncompliance, including exact dates and times; or, if not corrected, the anticipated time the noncompliance is expected to continue, and steps being taken to reduce, eliminate, and prevent recurrence of the noncompliance.

PERMITTEE:  
Harris Semiconductor

Permit Number: AC 05-104512  
Expiration Date: June 30, 1986

GENERAL CONDITIONS:

The permittee shall be responsible for any and all damages which may result and may be subject to enforcement action by the department for penalties or revocation of this permit.

9. In accepting this permit, the permittee understands and agrees that all records, notes, monitoring data and other information relating to the construction or operation of this permitted source, which are submitted to the department, may be used by the department as evidence in any enforcement case arising under the Florida Statutes or department rules, except where such use is proscribed by Sections 403.73 and 403.111, Florida Statutes.

10. The permittee agrees to comply with changes in department rules and Florida Statutes after a reasonable time for compliance, provided however, the permittee does not waive any other rights granted by Florida Statutes or department rules.

11. This permit is transferable only upon department approval in accordance with Florida Administrative Code Rules 17-4.12 and 17-30.30, as applicable. The permittee shall be liable for any non-compliance of the permitted activity until the transfer is approved by the department.

12. This permit is required to be kept at the work site of the permitted activity during the entire period of construction or operation.

13. This permit also constitutes:

- ( ) Determination of Best Available Control Technology (BACT)
- ( ) Determination of Prevention of Significant Deterioration (PSD).
- ( ) Compliance with New Source Performance Standards.

14. The permittee shall comply with the following monitoring and record keeping requirements:

- a. Upon request, the permittee shall furnish all records and plans required under department rules. The retention period for all records will be extended automatically, unless otherwise stipulated by the department, during the course of any unresolved enforcement action.

PERMITTEE:  
Harris Semiconductor

Permit Number: AC 05-104512  
Expiration Date: June 30, 1986

**GENERAL CONDITIONS:**

- b. The permittee shall retain at the facility or other location designated by this permit records of all monitoring information (including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation), copies of all reports required by this permit, and records of all data used to complete the application for this permit. The time period of retention shall be at least three years from the date of the sample, measurement, report or application unless otherwise specified by department rule.
- c. Records of monitoring information shall include:
  - the date, exact place, and time of sampling or measurements;
  - the person responsible for performing the sampling or measurements;
  - the date(s) analyses were performed;
  - the person responsible for performing the analyses;
  - the analytical techniques or methods used; and
  - the results of such analyses.

15. When requested by the department, the permittee shall within a reasonable time furnish any information required by law which is needed to determine compliance with the permit. If the permittee becomes aware that relevant facts were not submitted or were incorrect in the permit application or in any report to the department, such facts or information shall be submitted or corrected promptly.

**SPECIFIC CONDITIONS:**

1. The maximum allowable VOC (volatile organic compounds)/solvent emissions from the work stations and scrubber system shall be 26.6 pounds per year.
2. The VOC/solvent vapor exhaust scrubber must be on during the working hours.
3. The maximum operating hours allowed shall be 24 hours per day, 264 days per year, for a total of 6,336 hours per year.

PERMITTEE:  
Harris Semiconductor

Permit Number: AC 05-104512  
Expiration Date: June 30, 1986

**SPECIFIC CONDITIONS:**

4. An inspection and maintenance plan shall be submitted to DER's St. Johns River District Office as part of the operating permit application. The plan shall include provisions for the prevention and correction of VOC/solvent losses from leaks and equipment malfunction.
5. Compliance with the VOC/solvent emissions limit for the working stations and the scrubber system shall be determined through sampling and analysis. A sample shall be taken and analyzed, once a year, to determine the scrubber's efficiency. An annual report, summarizing the sampling results, shall be due sixty (60) days after the anniversary date of the operating permit and is to be submitted to DER's St. Johns River District Office.
6. A meter to measure the pressure drop shall be installed on the scrubber system.
7. Objectionable odors shall not be allowed off plant property.
8. A report shall be submitted, on September 1, 1986 and annually thereafter, to DER's St. Johns River District Office. The report shall address the entire Harris Semiconductor facility and reflect the amounts of all VOC/solvents by chemical, purchased and reclaimed or disposed of off-site.
9. The construction shall reasonably conform to the plans and schedule submitted in the application. If the permittee is unable to complete construction on schedule, he must notify the Department in writing 60 days prior to the expiration of the construction permit and submit a new schedule and request for an extension of the construction permit. (FAC Rule 17-4.09)  
To obtain a permit to operate, the permittee must demonstrate compliance with the conditions of the construction permit and submit a complete application for an operating permit, including the application fee, along with compliance test results and Certificate of Completion, to the Department's St. Johns River District office 90 days prior to the expiration date of the construction permit. The permittee may continue to operate in compliance with all terms of the construction permit until its expiration date. Operation beyond the construction permit expiration date requires a valid permit to operate. (FAC Rules 17-4.22 and 17-4.23)  
If the construction permit expires prior to the permittee requesting an extension or obtaining a permit to operate, then all activities at the project must cease and the permittee must apply for a new permit to construct which can take up to 90 days to process a complete application. (FAC Rule 17-4.10)

PERMITTEE:  
Harris Semiconductor

Permit Number: AC 05-104512  
Expiration Date: June 30, 1986

SPECIFIC CONDITIONS:

Issued this 14 day of January,  
1986.

STATE OF FLORIDA DEPARTMENT  
OF ENVIRONMENTAL REGULATION

  
VICTORIA J. TSCHINKEL, Secretary

\_\_\_ pages attached.

AC 05-104513



STATE OF FLORIDA  
DEPARTMENT OF ENVIRONMENTAL REGULATION

TWIN TOWERS OFFICE BUILDING  
2600 BLAIR STONE ROAD  
TALLAHASSEE, FLORIDA 32301-8241



BOB GRAHAM  
GOVERNOR

VICTORIA J. TSCHINKEL  
SECRETARY

**PERMITTEE:**  
Harris Semiconductor  
P. O. Box 883  
Melbourne, Florida 32901

Permit Number: AC 05-104513  
Expiration Date: June 30, 1986  
County: Brevard  
Latitude/Longitude: 28° 01' 20" N/  
80° 36' 10" W  
Project: Building 62 VOC/Solvent  
Vapor Exhaust Scrubber

This permit is issued under the provisions of Chapter 403, Florida Statutes, and Florida Administrative Code Rule(s) 17-2 and 17-4. The above named permittee is hereby authorized to perform the work or operate the facility shown on the application and approved drawing(s), plans, and other documents attached hereto or on file with the department and made a part hereof and specifically described as follows:

For the permitting of hood type work stations for the manufacture of semiconductors in Building 62. A 12,000 dscfm fume scrubber manufactured by Beverly Pacific is installed to control VOC/solvent vapors at the permittee's existing facility located on Palm Bay Road. The UTM coordinates are Zone 17-538.7 km East and 3100.9 km North.

The source shall be in accordance with the permit application and plans, documents, amendments, and drawings except as otherwise noted on pages 5-7, Specific Conditions.

**Attachments are as follows:**

1. Application to Construct Air Pollution Sources, DER Form 17-1.202(1), and Mr. James R. Kolanek's cover letter dated May 21, 1985.
2. Mr. James R. Kolanek's letter with Attachment dated June 12, 1985.
3. Mr. C. H. Fancy's letter dated June 21, 1985.
4. Mr. James R. Kolanek's letter with Attachments dated August 21, 1985.
5. Mr. Dennis R. Erdley's letter dated November 14, 1985.
6. OGC Case No. 85-1286-95 filed by Ms. B. J. Owens, Assistant General Counsel-DER.
7. Mr. Dennis R. Erdley's letter dated December 12, 1985.
8. Mr. Dennis R. Erdley's letter dated December 18, 1985.

PERMITTEE:  
Harris Semiconductor

Permit Number: AC 05-104513  
Expiration Date: June 30, 1986

**GENERAL CONDITIONS:**

1. The terms, conditions, requirements, limitations, and restrictions set forth herein are "Permit Conditions" and as such are binding upon the permittee and enforceable pursuant to the authority of Sections 403.161, 403.727, or 403.859 through 403.861, Florida Statutes. The permittee is hereby placed on notice that the department will review this permit periodically and may initiate enforcement action for any violation of the "Permit Conditions" by the permittee, its agents, employees, servants or representatives.

2. This permit is valid only for the specific processes and operations applied for and indicated in the approved drawings or exhibits. Any unauthorized deviation from the approved drawings, exhibits, specifications, or conditions of this permit may constitute grounds for revocation and enforcement action by the department.

3. As provided in Subsections 403.087(6) and 403.722(5), Florida Statutes, the issuance of this permit does not convey any vested rights or any exclusive privileges. Nor does it authorize any injury to public or private property or any invasion of personal rights, nor any infringement of federal, state or local laws or regulations. This permit does not constitute a waiver of or approval of any other department permit that may be required for other aspects of the total project which are not addressed in the permit.

4. This permit conveys no title to land or water, does not constitute state recognition or acknowledgement of title, and does not constitute authority for the use of submerged lands unless herein provided and the necessary title or leasehold interests have been obtained from the state. Only the Trustees of the Internal Improvement Trust Fund may express state opinion as to title.

5. This permit does not relieve the permittee from liability for harm or injury to human health or welfare, animal, plant or aquatic life or property and penalties therefore caused by the construction or operation of this permitted source, nor does it allow the permittee to cause pollution in contravention of Florida Statutes and department rules, unless specifically authorized by an order from the department.

PERMITTEE:  
Harris Semiconductor

Permit Number: AC 05-104513  
Expiration Date: June 30, 1986

**GENERAL CONDITIONS:**

6. The permittee shall at all times properly operate and maintain the facility and systems of treatment and control (and related appurtenances) that are installed or used by the permittee to achieve compliance with the conditions of this permit, as required by department rules. This provision includes the operation of backup or auxiliary facilities or similar systems when necessary to achieve compliance with the conditions of the permit and when required by department rules.

7. The permittee, by accepting this permit, specifically agrees to allow authorized department personnel, upon presentation of credentials or other documents as may be required by law, access to the premises, at reasonable times, where the permitted activity is located or conducted for the purpose of:

- a. Having access to and copying any records that must be kept under the conditions of the permit;
- b. Inspecting the facility, equipment, practices, or operations regulated or required under this permit; and
- c. Sampling or monitoring any substances or parameters at any location reasonably necessary to assure compliance with this permit or department rules.

Reasonable time may depend on the nature of the concern being investigated.

8. If, for any reason, the permittee does not comply with or will be unable to comply with any condition or limitation specified in this permit, the permittee shall immediately notify and provide the department with the following information:

- a. a description of and cause of non-compliance; and
- b. the period of noncompliance, including exact dates and times; or, if not corrected, the anticipated time the noncompliance is expected to continue, and steps being taken to reduce, eliminate, and prevent recurrence of the noncompliance.

PERMITTEE:  
Harris Semiconductor

Permit Number: AC 05-104513  
Expiration Date: June 30, 1986

GENERAL CONDITIONS:

The permittee shall be responsible for any and all damages which may result and may be subject to enforcement action by the department for penalties or revocation of this permit.

9. In accepting this permit, the permittee understands and agrees that all records, notes, monitoring data and other information relating to the construction or operation of this permitted source, which are submitted to the department, may be used by the department as evidence in any enforcement case arising under the Florida Statutes or department rules, except where such use is proscribed by Sections 403.73 and 403.111, Florida Statutes.

10. The permittee agrees to comply with changes in department rules and Florida Statutes after a reasonable time for compliance, provided however, the permittee does not waive any other rights granted by Florida Statutes or department rules.

11. This permit is transferable only upon department approval in accordance with Florida Administrative Code Rules 17-4.12 and 17-30.30, as applicable. The permittee shall be liable for any non-compliance of the permitted activity until the transfer is approved by the department.

12. This permit is required to be kept at the work site of the permitted activity during the entire period of construction or operation.

13. This permit also constitutes:

- ( ) Determination of Best Available Control Technology (BACT)
- ( ) Determination of Prevention of Significant Deterioration (PSD).
- ( ) Compliance with New Source Performance Standards.

14. The permittee shall comply with the following monitoring and record keeping requirements:

- a. Upon request, the permittee shall furnish all records and plans required under department rules. The retention period for all records will be extended automatically, unless otherwise stipulated by the department, during the course of any unresolved enforcement action.

PERMITTEE:  
Harris Semiconductor

Permit Number: AC 05-104513  
Expiration Date: June 30, 1986

**GENERAL CONDITIONS:**

- b. The permittee shall retain at the facility or other location designated by this permit records of all monitoring information (including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation), copies of all reports required by this permit, and records of all data used to complete the application for this permit. The time period of retention shall be at least three years from the date of the sample, measurement, report or application unless otherwise specified by department rule.
- c. Records of monitoring information shall include:
  - the date, exact place, and time of sampling or measurements;
  - the person responsible for performing the sampling or measurements;
  - the date(s) analyses were performed;
  - the person responsible for performing the analyses;
  - the analytical techniques or methods used; and
  - the results of such analyses.

15. When requested by the department, the permittee shall within a reasonable time furnish any information required by law which is needed to determine compliance with the permit. If the permittee becomes aware that relevant facts were not submitted or were incorrect in the permit application or in any report to the department, such facts or information shall be submitted or corrected promptly.

**SPECIFIC CONDITIONS:**

1. The maximum allowable VOC (volatile organic compounds)/solvent emissions from the work stations and scrubber system shall be 113.4 pounds per year.
2. The VOC/solvent vapor exhaust scrubber must be on during the working hours.
3. The maximum operating hours allowed shall be 8 hours per day, 264 days per year, for a total of 2,112 hours per year.

**PERMITTEE:**  
Harris Semiconductor

Permit Number: AC 05-104513  
Expiration Date: June 30, 1986

**SPECIFIC CONDITIONS:**

4. An inspection and maintenance plan shall be submitted to DER's St. Johns River District Office as part of the operating permit application. The plan shall include provisions for the prevention and correction of VOC/solvent losses from leaks and equipment malfunction.
5. Compliance with the VOC/solvent emissions limit for the working stations and the scrubber system shall be determined through sampling and analysis. A sample shall be taken and analyzed, once a year, to determine the scrubber's efficiency. An annual report, summarizing the sampling results, shall be due sixty (60) days after the anniversary date of the operating permit and is to be submitted to DER's St. Johns River District Office.
6. A meter to measure the pressure drop shall be installed on the scrubber system.
7. Objectionable odors shall not be allowed off plant property.
8. A report shall be submitted, on September 1, 1986 and annually thereafter, to DER's St. Johns River District Office. The report shall address the entire Harris Semiconductor facility and reflect the amounts of all VOC/solvents by chemical, purchased and reclaimed or disposed of off-site.
9. The construction shall reasonably conform to the plans and schedule submitted in the application. If the permittee is unable to complete construction on schedule, he must notify the Department in writing 60 days prior to the expiration of the construction permit and submit a new schedule and request for an extension of the construction permit. (FAC Rule 17-4.09)  
To obtain a permit to operate, the permittee must demonstrate compliance with the conditions of the construction permit and submit a complete application for an operating permit, including the application fee, along with compliance test results and Certificate of Completion, to the Department's St. Johns River District office 90 days prior to the expiration date of the construction permit. The permittee may continue to operate in compliance with all terms of the construction permit until its expiration date. Operation beyond the construction permit expiration date requires a valid permit to operate. (FAC Rules 17-4.22 and 17-4.23)  
If the construction permit expires prior to the permittee requesting an extension or obtaining a permit to operate, then all activities at the project must cease and the permittee must apply for a new permit to construct which can take up to 90 days to process a complete application. (FAC Rule 17-4.10)

ERMITTEE:  
arris Semiconductor

Permit Number: AC 05-104513  
Expiration Date: June 30, 1986

PECIFIC CONDITION:

Issued this 14 day of January,  
1986.

STATE OF FLORIDA DEPARTMENT  
OF ENVIRONMENTAL REGULATION

  
VICTORIA J. TECHINKEL, Secretary

\_\_\_ pages attached.

AC 05-104515



STATE OF FLORIDA  
DEPARTMENT OF ENVIRONMENTAL REGULATION

TWIN TOWERS OFFICE BUILDING  
2600 BLAIR STONE ROAD  
TALLAHASSEE, FLORIDA 32301-8241



BOB GRAHAM  
GOVERNOR  
VICTORIA J. TSCHINKEL  
SECRETARY

**PERMITTEE:**  
Harris Semiconductor  
P. O. Box 883  
Melbourne, Florida 32901

Permit Number: AC 05-104515  
Expiration Date: June 30, 1986  
County: Brevard  
Latitude/Longitude: 28° 01' 20" N/  
80° 36' 10" W  
Project: Building 59 VOC/Solvent  
Vapor Exhaust Scrubber

This permit is issued under the provisions of Chapter 403, Florida Statutes, and Florida Administrative Code Rule(s) 17-2 and 17-4. The above named permittee is hereby authorized to perform the work or operate the facility shown on the application and approved drawing(s), plans, and other documents attached hereto or on file with the department and made a part hereof and specifically described as follows:

For the permitting of hood type work stations for the manufacture of semiconductors in Building 59. A 20,000 dscfm fume scrubber manufactured by Beverly Pacific is installed to control VOC/solvent vapors at the permittee's existing facility located on Palm Bay Road. The UTM coordinates are Zone 17-538.7 km East and 3100.9 km North.

The source shall be in accordance with the permit application and plans, documents, amendments, and drawings except as otherwise noted on pages 5-7, Specific Conditions.

**Attachments are as follows:**

1. Application to Construct Air Pollution Sources, DER Form 17-1.202(1), and Mr. James R. Kolanek's cover letter dated May 21, 1985.
2. Mr. James R. Kolanek's letter with Attachment dated June 12, 1985.
3. Mr. C. H. Fancy's letter dated June 21, 1985.
4. Mr. James R. Kolanek's letter with Attachments dated August 21, 1985.
5. Mr. Dennis R. Erdley's letter dated November 14, 1985.
6. OGC Case No. 85-1286-95 filed by Ms. B. J. Owens, Assistant General Counsel-DER.
7. Mr. Dennis R. Erdley's letter dated December 12, 1985.
8. Mr. Dennis R. Erdley's letter dated December 18, 1985.

PERMITTEE:  
Harris Semiconductor

Permit Number: AC 05-104515  
Expiration Date: June 30, 1986

GENERAL CONDITIONS:

1. The terms, conditions, requirements, limitations, and restrictions set forth herein are "Permit Conditions" and as such are binding upon the permittee and enforceable pursuant to the authority of Sections 403.161, 403.727, or 403.859 through 403.861, Florida Statutes. The permittee is hereby placed on notice that the department will review this permit periodically and may initiate enforcement action for any violation of the "Permit Conditions" by the permittee, its agents, employees, servants or representatives.

2. This permit is valid only for the specific processes and operations applied for and indicated in the approved drawings or exhibits. Any unauthorized deviation from the approved drawings, exhibits, specifications, or conditions of this permit may constitute grounds for revocation and enforcement action by the department.

3. As provided in Subsections 403.087(6) and 403.722(5), Florida Statutes, the issuance of this permit does not convey any vested rights or any exclusive privileges. Nor does it authorize any injury to public or private property or any invasion of personal rights, nor any infringement of federal, state or local laws or regulations. This permit does not constitute a waiver of or approval of any other department permit that may be required for other aspects of the total project which are not addressed in the permit.

4. This permit conveys no title to land or water, does not constitute state recognition or acknowledgement of title, and does not constitute authority for the use of submerged lands unless herein provided and the necessary title or leasehold interests have been obtained from the state. Only the Trustees of the Internal Improvement Trust Fund may express state opinion as to title.

5. This permit does not relieve the permittee from liability for harm or injury to human health or welfare, animal, plant or aquatic life or property and penalties therefore caused by the construction or operation of this permitted source, nor does it allow the permittee to cause pollution in contravention of Florida Statutes and department rules, unless specifically authorized by an order from the department.

PERMITTEE:  
Harris Semiconductor

Permit Number: AC 05-104515  
Expiration Date: June 30, 1986

**GENERAL CONDITIONS:**

6. The permittee shall at all times properly operate and maintain the facility and systems of treatment and control (and related appurtenances) that are installed or used by the permittee to achieve compliance with the conditions of this permit, as required by department rules. This provision includes the operation of backup or auxiliary facilities or similar systems when necessary to achieve compliance with the conditions of the permit and when required by department rules.

7. The permittee, by accepting this permit, specifically agrees to allow authorized department personnel, upon presentation of credentials or other documents as may be required by law, access to the premises, at reasonable times, where the permitted activity is located or conducted for the purpose of:

- a. Having access to and copying any records that must be kept under the conditions of the permit;
- b. Inspecting the facility, equipment, practices, or operations regulated or required under this permit; and
- c. Sampling or monitoring any substances or parameters at any location reasonably necessary to assure compliance with this permit or department rules.

Reasonable time may depend on the nature of the concern being investigated.

8. If, for any reason, the permittee does not comply with or will be unable to comply with any condition or limitation specified in this permit, the permittee shall immediately notify and provide the department with the following information:

- a. a description of and cause of non-compliance; and
- b. the period of noncompliance, including exact dates and times; or, if not corrected, the anticipated time the noncompliance is expected to continue, and steps being taken to reduce, eliminate, and prevent recurrence of the noncompliance.

PERMITTEE:  
Harris Semiconductor

Permit Number: AC 05-104515  
Expiration Date: June 30, 1986

GENERAL CONDITIONS:

The permittee shall be responsible for any and all damages which may result and may be subject to enforcement action by the department for penalties or revocation of this permit.

9. In accepting this permit, the permittee understands and agrees that all records, notes, monitoring data and other information relating to the construction or operation of this permitted source, which are submitted to the department, may be used by the department as evidence in any enforcement case arising under the Florida Statutes or department rules, except where such use is proscribed by Sections 403.73 and 403.111, Florida Statutes.

10. The permittee agrees to comply with changes in department rules and Florida Statutes after a reasonable time for compliance, provided however, the permittee does not waive any other rights granted by Florida Statutes or department rules.

11. This permit is transferable only upon department approval in accordance with Florida Administrative Code Rules 17-4.12 and 17-30.30, as applicable. The permittee shall be liable for any non-compliance of the permitted activity until the transfer is approved by the department.

12. This permit is required to be kept at the work site of the permitted activity during the entire period of construction or operation.

13. This permit also constitutes:

- ( ) Determination of Best Available Control Technology (BACT)
- ( ) Determination of Prevention of Significant Deterioration (PSD).
- ( ) Compliance with New Source Performance Standards.

14. The permittee shall comply with the following monitoring and record keeping requirements:

- a. Upon request, the permittee shall furnish all records and plans required under department rules. The retention period for all records will be extended automatically, unless otherwise stipulated by the department, during the course of any unresolved enforcement action.

PERMITTEE:  
Harris Semiconductor

Permit Number: AC 05-104515  
Expiration Date: June 30, 1986

**GENERAL CONDITIONS:**

- b. The permittee shall retain at the facility or other location designated by this permit records of all monitoring information (including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation), copies of all reports required by this permit, and records of all data used to complete the application for this permit. The time period of retention shall be at least three years from the date of the sample, measurement, report or application unless otherwise specified by department rule.
- c. Records of monitoring information shall include:
  - the date, exact place, and time of sampling or measurements;
  - the person responsible for performing the sampling or measurements;
  - the date(s) analyses were performed;
  - the person responsible for performing the analyses;
  - the analytical techniques or methods used; and
  - the results of such analyses.

15. When requested by the department, the permittee shall within a reasonable time furnish any information required by law which is needed to determine compliance with the permit. If the permittee becomes aware that relevant facts were not submitted or were incorrect in the permit application or in any report to the department, such facts or information shall be submitted or corrected promptly.

**SPECIFIC CONDITIONS:**

1. The maximum allowable VOC (volatile organic compounds)/solvent emissions from the work stations and scrubber system shall be 3.8 pounds per year.
2. The VOC/solvent vapor exhaust scrubber must be on during the working hours.
3. The maximum operating hours allowed shall be 8 hours per day, 264 days per year, for a total of 2,112 hours per year.

**PERMITTEE:**  
Harris Semiconductor

Permit Number: AC 05-104515  
Expiration Date: June 30, 1986

**SPECIFIC CONDITIONS:**

4. An inspection and maintenance plan shall be submitted to DER's St. Johns River District Office as part of the operating permit application. The plan shall include provisions for the prevention and correction of VOC/solvent losses from leaks and equipment malfunction.

5. Compliance with the VOC/solvent emissions limit for the working stations and the scrubber system shall be determined through sampling and analysis. A sample shall be taken and analyzed, once a year, to determine the scrubber's efficiency. An annual report, summarizing the sampling results, shall be due sixty (60) days after the anniversary date of the operating permit and is to be submitted to DER's St. Johns River District Office.

6. A meter to measure the pressure drop shall be installed on the scrubber system.

7. Objectionable odors shall not be allowed off plant property.

8. A report shall be submitted, on September 1, 1986 and annually thereafter, to DER's St. Johns River District Office. The report shall address the entire Harris Semiconductor facility and reflect the amounts of all VOC/solvents by chemical, purchased and reclaimed or disposed of off-site.

9. The construction shall reasonably conform to the plans and schedule submitted in the application. If the permittee is unable to complete construction on schedule, he must notify the Department in writing 60 days prior to the expiration of the construction permit and submit a new schedule and request for an extension of the construction permit. (FAC Rule 17-4.09)

To obtain a permit to operate, the permittee must demonstrate compliance with the conditions of the construction permit and submit a complete application for an operating permit, including the application fee, along with compliance test results and Certificate of Completion, to the Department's St. Johns River District office 90 days prior to the expiration date of the construction permit. The permittee may continue to operate in compliance with all terms of the construction permit until its expiration date. Operation beyond the construction permit expiration date requires a valid permit to operate. (FAC Rules 17-4.22 and 17-4.23)

If the construction permit expires prior to the permittee requesting an extension or obtaining a permit to operate, then all activities at the project must cease and the permittee must apply for a new permit to construct which can take up to 90 days to process a complete application. (FAC Rule 17-4.10)

PERMITEE:  
Harris Semiconductor

Permit Number: AC 05-104515  
Expiration Number: June 30, 1986

SPECIFIC CONDITIONS:

Issued this 14 day of January,  
1986.

STATE OF FLORIDA DEPARTMENT  
OF ENVIRONMENTAL REGULATION

  
\_\_\_\_\_  
VICTORIA J. TSCHINKEL, Secretary

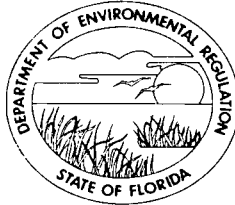
\_\_\_\_\_ pages attached.

AC 05-104519



STATE OF FLORIDA  
DEPARTMENT OF ENVIRONMENTAL REGULATION

TWIN TOWERS OFFICE BUILDING  
2600 BLAIR STONE ROAD  
TALLAHASSEE, FLORIDA 32301-8241



BOB GRAHAM  
GOVERNOR

VICTORIA J. TSCHINKEL  
SECRETARY

**PERMITTEE:**  
Harris Semiconductor  
P. O. Box 883  
Melbourne, Florida 32901

Permit Number: AC 05-104519  
Expiration Date: June 30, 1986  
County: Brevard  
Latitude/Longitude: 28° 01' 20" N/  
80° 36' 10" W  
Project: Building 61 VOC/Solvent  
Vapor Exhaust Scrubber

This permit is issued under the provisions of Chapter 403, Florida Statutes, and Florida Administrative Code Rule(s) 17-2 and 17-4. The above named permittee is hereby authorized to perform the work or operate the facility shown on the application and approved drawing(s), plans, and other documents attached hereto or on file with the department and made a part hereof and specifically described as follows:

For the construction of hood type work stations for the preparation of working mixtures of VOC/solvents in Building 61. A 1,700 dscfm fume scrubber manufactured by Harrison will be installed to control VOC/solvent vapors at the permittee's existing facility located on Palm Bay Road. The UTM coordinates are Zone 17-538.7 km East and 3100.9 km North.

Construction shall be in accordance with the permit application and plans, documents, amendments, and drawings except as otherwise noted on pages 5-7, Specific Conditions.

**Attachments are as follows:**

1. Application to Construct Air Pollution Sources, DER Form 17-1.202(1), and Mr. James R. Kolanek's cover letter dated May 21, 1985.
2. Mr. James R. Kolanek's letter with Attachment dated June 12, 1985.
3. Mr. C. H. Fancy's letter dated June 21, 1985.
4. Mr. James R. Kolanek's letter with Attachments dated August 21, 1985.
5. Mr. Dennis R. Erdley's letter dated November 14, 1985.
6. OGC Case No. 85-1286-95 filed by Ms. B. J. Owens, Assistant General Counsel-DER.
7. Mr. Dennis R. Erdley's letter dated December 12, 1985.
8. Mr. Dennis R. Erdley's letter dated December 18, 1985.

PERMITTEE:  
Harris Semiconductor

Permit Number: AC 05-104519  
Expiration Date: June 30, 1986

**GENERAL CONDITIONS:**

1. The terms, conditions, requirements, limitations, and restrictions set forth herein are "Permit Conditions" and as such are binding upon the permittee and enforceable pursuant to the authority of Sections 403.161, 403.727, or 403.859 through 403.861, Florida Statutes. The permittee is hereby placed on notice that the department will review this permit periodically and may initiate enforcement action for any violation of the "Permit Conditions" by the permittee, its agents, employees, servants or representatives.
2. This permit is valid only for the specific processes and operations applied for and indicated in the approved drawings or exhibits. Any unauthorized deviation from the approved drawings, exhibits, specifications, or conditions of this permit may constitute grounds for revocation and enforcement action by the department.
3. As provided in Subsections 403.087(6) and 403.722(5), Florida Statutes, the issuance of this permit does not convey any vested rights or any exclusive privileges. Nor does it authorize any injury to public or private property or any invasion of personal rights, nor any infringement of federal, state or local laws or regulations. This permit does not constitute a waiver of or approval of any other department permit that may be required for other aspects of the total project which are not addressed in the permit.
4. This permit conveys no title to land or water, does not constitute state recognition or acknowledgement of title, and does not constitute authority for the use of submerged lands unless herein provided and the necessary title or leasehold interests have been obtained from the state. Only the Trustees of the Internal Improvement Trust Fund may express state opinion as to title.
5. This permit does not relieve the permittee from liability for harm or injury to human health or welfare, animal, plant or aquatic life or property and penalties therefore caused by the construction or operation of this permitted source, nor does it allow the permittee to cause pollution in contravention of Florida Statutes and department rules, unless specifically authorized by an order from the department.

PERMITTEE:  
Harris Semiconductor

Permit Number: AC 05-104519  
Expiration Date: June 30, 1986

**GENERAL CONDITIONS:**

6. The permittee shall at all times properly operate and maintain the facility and systems of treatment and control (and related appurtenances) that are installed or used by the permittee to achieve compliance with the conditions of this permit, as required by department rules. This provision includes the operation of backup or auxiliary facilities or similar systems when necessary to achieve compliance with the conditions of the permit and when required by department rules.

7. The permittee, by accepting this permit, specifically agrees to allow authorized department personnel, upon presentation of credentials or other documents as may be required by law, access to the premises, at reasonable times, where the permitted activity is located or conducted for the purpose of:

- a. Having access to and copying any records that must be kept under the conditions of the permit;
- b. Inspecting the facility, equipment, practices, or operations regulated or required under this permit; and
- c. Sampling or monitoring any substances or parameters at any location reasonably necessary to assure compliance with this permit or department rules.

Reasonable time may depend on the nature of the concern being investigated.

8. If, for any reason, the permittee does not comply with or will be unable to comply with any condition or limitation specified in this permit, the permittee shall immediately notify and provide the department with the following information:

- a. a description of and cause of non-compliance; and
- b. the period of noncompliance, including exact dates and times; or, if not corrected, the anticipated time the noncompliance is expected to continue, and steps being taken to reduce, eliminate, and prevent recurrence of the noncompliance.

PERMITTEE:  
Harris Semiconductor

Permit Number: AC 05-104519  
Expiration Date: June 30, 1986

**GENERAL CONDITIONS:**

The permittee shall be responsible for any and all damages which may result and may be subject to enforcement action by the department for penalties or revocation of this permit.

9. In accepting this permit, the permittee understands and agrees that all records, notes, monitoring data and other information relating to the construction or operation of this permitted source, which are submitted to the department, may be used by the department as evidence in any enforcement case arising under the Florida Statutes or department rules, except where such use is proscribed by Sections 403.73 and 403.111, Florida Statutes.

10. The permittee agrees to comply with changes in department rules and Florida Statutes after a reasonable time for compliance, provided however, the permittee does not waive any other rights granted by Florida Statutes or department rules.

11. This permit is transferable only upon department approval in accordance with Florida Administrative Code Rules 17-4.12 and 17-30.30, as applicable. The permittee shall be liable for any non-compliance of the permitted activity until the transfer is approved by the department.

12. This permit is required to be kept at the work site of the permitted activity during the entire period of construction or operation.

13. This permit also constitutes:

- ( ) Determination of Best Available Control Technology (BACT)
- ( ) Determination of Prevention of Significant Deterioration (PSD).
- ( ) Compliance with New Source Performance Standards.

14. The permittee shall comply with the following monitoring and record keeping requirements:

- a. Upon request, the permittee shall furnish all records and plans required under department rules. The retention period for all records will be extended automatically, unless otherwise stipulated by the department, during the course of any unresolved enforcement action.

PERMITTEE:  
Harris Semiconductor

Permit Number: AC 05-104519  
Expiration Date: June 30, 1986

**GENERAL CONDITIONS:**

- b. The permittee shall retain at the facility or other location designated by this permit records of all monitoring information (including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation), copies of all reports required by this permit, and records of all data used to complete the application for this permit. The time period of retention shall be at least three years from the date of the sample, measurement, report or application unless otherwise specified by department rule.
- c. Records of monitoring information shall include:
- the date, exact place, and time of sampling or measurements;
  - the person responsible for performing the sampling or measurements;
  - the date(s) analyses were performed;
  - the person responsible for performing the analyses;
  - the analytical techniques or methods used; and
  - the results of such analyses.

15. When requested by the department, the permittee shall within a reasonable time furnish any information required by law which is needed to determine compliance with the permit. If the permittee becomes aware that relevant facts were not submitted or were incorrect in the permit application or in any report to the department, such facts or information shall be submitted or corrected promptly.

**SPECIFIC CONDITIONS:**

1. The maximum allowable VOC (volatile organic compounds)/solvent emissions from the work stations and scrubber system shall be 199.0 pounds per year.
2. The VOC/solvent vapor exhaust scrubber must be on during the working hours.
3. The maximum operating hours allowed shall be 8 hours per day, 264 days per year, for a total of 2,112 hours per year.

**PERMITTEE:**  
Harris Semiconductor

**Permit Number:** AC 05-104519  
**Expiration Date:** June 30, 1986

**SPECIFIC CONDITIONS:**

4. An inspection and maintenance plan shall be submitted to DER's St. Johns River District Office as part of the operating permit application. The plan shall include provisions for the prevention and correction of VOC/solvent losses from leaks and equipment malfunction.
5. Compliance with the VOC/solvent emissions limit for the working stations and the scrubber system shall be determined through sampling and analysis. A sample shall be taken and analyzed, once a year, to determine the scrubber's efficiency. An annual report, summarizing the sampling results, shall be due sixty (60) days after the anniversary date of the operating permit and is to be submitted to DER's St. Johns River District Office.
6. A meter to measure the pressure drop shall be installed on the scrubber system.
7. Objectionable odors shall not be allowed off plant property.
8. A report shall be submitted, on September 1, 1986 and annually thereafter, to DER's St. Johns River District Office. The report shall address the entire Harris Semiconductor facility and reflect the amounts of all VOC/solvents by chemical, purchased and reclaimed or disposed of off-site.
9. The construction shall reasonably conform to the plans and schedule submitted in the application. If the permittee is unable to complete construction on schedule, he must notify the Department in writing 60 days prior to the expiration of the construction permit and submit a new schedule and request for an extension of the construction permit. (FAC Rule 17-4.09)  
To obtain a permit to operate, the permittee must demonstrate compliance with the conditions of the construction permit and submit a complete application for an operating permit, including the application fee, along with compliance test results and Certificate of Completion, to the Department's St. Johns River District office 90 days prior to the expiration date of the construction permit. The permittee may continue to operate in compliance with all terms of the construction permit until its expiration date. Operation beyond the construction permit expiration date requires a valid permit to operate. (FAC Rules 17-4.22 and 17-4.23)  
If the construction permit expires prior to the permittee requesting an extension or obtaining a permit to operate, then all activities at the project must cease and the permittee must apply for a new permit to construct which can take up to 90 days to process a complete application. (FAC Rule 17-4.10)

PERMITTEE:  
Harris Semiconductor

Permit Number: AC 05-104519  
Expiration Date: June 30, 1986

SPECIFIC CONDITIONS:

Issued this 14 day of January,  
1986.

STATE OF FLORIDA DEPARTMENT  
OF ENVIRONMENTAL REGULATION

  
\_\_\_\_\_  
VICTORIA J. TSCHINKEL, Secretary

\_\_\_\_\_ pages attached.

AC 05-104521



STATE OF FLORIDA  
DEPARTMENT OF ENVIRONMENTAL REGULATION

TWIN TOWERS OFFICE BUILDING  
2600 BLAIR STONE ROAD  
TALLAHASSEE, FLORIDA 32301-8241



BOB GRAHAM  
GOVERNOR

VICTORIA J. TSCHINKEL  
SECRETARY

**PERMITTEE:**  
Harris Semiconductor  
P. O. Box 883  
Melbourne, Florida 32901

Permit Number: AC 05-104521  
Expiration Date: June 30, 1986  
County: Brevard  
Latitude/Longitude: 28° 01' 20" N/  
80° 36' 10" W  
Project: Building 58 Chemical  
Vapor Exhaust Scrubber

This permit is issued under the provisions of Chapter 403, Florida Statutes, and Florida Administrative Code Rule(s) 17-2 and 17-4. The above named permittee is hereby authorized to perform the work or operate the facility shown on the application and approved drawing(s), plans, and other documents attached hereto or on file with the department and made a part hereof and specifically described as follows:

For the permitting of hood type work stations for the packaging and testing of semiconductors Building 58. A 12,500 dscfm fume scrubber manufactured by Tri-Mer is installed to control VOC/solvent/acid vapors at the permittee's existing facility located on Palm Bay Road. The UTM coordinates are Zone 17-538.7 km East and 3100.9 km North.

The source shall be in accordance with the permit application and plans, documents, amendments, and drawings except as otherwise noted on pages 5-7, Specific Conditions.

**Attachments are as follows:**

1. Application to Construct Air Pollution Sources, DER Form 17-1.202(1), and Mr. James R. Kolanek's cover letter dated May 21, 1985.
2. Mr. James R. Kolanek's letter with Attachment dated June 12, 1985.
3. Mr. C. H. Fancy's letter dated June 21, 1985.
4. Mr. James R. Kolanek's letter with Attachments dated August 21, 1985.
5. Mr. Dennis R. Erdley's letter dated November 14, 1985.
6. OGC Case No. 85-1286-95 filed by Ms. B. J. Owens, Assistant General Counsel-DER.
7. Mr. Dennis R. Erdley's letter dated December 12, 1985.
8. Mr. Dennis R. Erdley's letter dated December 18, 1985.

**PERMITTEE:**  
**Harris Semiconductor**

**Permit Number: AC 05-104521**  
**Expiration Date: June 30, 1986**

**GENERAL CONDITIONS:**

1. The terms, conditions, requirements, limitations, and restrictions set forth herein are "Permit Conditions" and as such are binding upon the permittee and enforceable pursuant to the authority of Sections 403.161, 403.727, or 403.859 through 403.861, Florida Statutes. The permittee is hereby placed on notice that the department will review this permit periodically and may initiate enforcement action for any violation of the "Permit Conditions" by the permittee, its agents, employees, servants or representatives.

2. This permit is valid only for the specific processes and operations applied for and indicated in the approved drawings or exhibits. Any unauthorized deviation from the approved drawings, exhibits, specifications, or conditions of this permit may constitute grounds for revocation and enforcement action by the department.

3. As provided in Subsections 403.087(6) and 403.722(5), Florida Statutes, the issuance of this permit does not convey any vested rights or any exclusive privileges. Nor does it authorize any injury to public or private property or any invasion of personal rights, nor any infringement of federal, state or local laws or regulations. This permit does not constitute a waiver of or approval of any other department permit that may be required for other aspects of the total project which are not addressed in the permit.

4. This permit conveys no title to land or water, does not constitute state recognition or acknowledgement of title, and does not constitute authority for the use of submerged lands unless herein provided and the necessary title or leasehold interests have been obtained from the state. Only the Trustees of the Internal Improvement Trust Fund may express state opinion as to title.

5. This permit does not relieve the permittee from liability for harm or injury to human health or welfare, animal, plant or aquatic life or property and penalties therefore caused by the construction or operation of this permitted source, nor does it allow the permittee to cause pollution in contravention of Florida Statutes and department rules, unless specifically authorized by an order from the department.

PERMITTEE:  
Harris Semiconductor

Permit Number: AC 05-104521  
Expiration Date: June 30, 1986

**GENERAL CONDITIONS:**

6. The permittee shall at all times properly operate and maintain the facility and systems of treatment and control (and related appurtenances) that are installed or used by the permittee to achieve compliance with the conditions of this permit, as required by department rules. This provision includes the operation of backup or auxiliary facilities or similar systems when necessary to achieve compliance with the conditions of the permit and when required by department rules.

7. The permittee, by accepting this permit, specifically agrees to allow authorized department personnel, upon presentation of credentials or other documents as may be required by law, access to the premises, at reasonable times, where the permitted activity is located or conducted for the purpose of:

- a. Having access to and copying any records that must be kept under the conditions of the permit;
- b. Inspecting the facility, equipment, practices, or operations regulated or required under this permit; and
- c. Sampling or monitoring any substances or parameters at any location reasonably necessary to assure compliance with this permit or department rules.

Reasonable time may depend on the nature of the concern being investigated.

8. If, for any reason, the permittee does not comply with or will be unable to comply with any condition or limitation specified in this permit, the permittee shall immediately notify and provide the department with the following information:

- a. a description of and cause of non-compliance; and
- b. the period of noncompliance, including exact dates and times; or, if not corrected, the anticipated time the noncompliance is expected to continue, and steps being taken to reduce, eliminate, and prevent recurrence of the noncompliance.

PERMITTEE:  
Harris Semiconductor

Permit Number: AC 05-104521  
Expiration Date: June 30, 1986

**GENERAL CONDITIONS:**

The permittee shall be responsible for any and all damages which may result and may be subject to enforcement action by the department for penalties or revocation of this permit.

9. In accepting this permit, the permittee understands and agrees that all records, notes, monitoring data and other information relating to the construction or operation of this permitted source, which are submitted to the department, may be used by the department as evidence in any enforcement case arising under the Florida Statutes or department rules, except where such use is proscribed by Sections 403.73 and 403.111, Florida Statutes.

10. The permittee agrees to comply with changes in department rules and Florida Statutes after a reasonable time for compliance, provided however, the permittee does not waive any other rights granted by Florida Statutes or department rules.

11. This permit is transferable only upon department approval in accordance with Florida Administrative Code Rules 17-4.12 and 17-30.30, as applicable. The permittee shall be liable for any non-compliance of the permitted activity until the transfer is approved by the department.

12. This permit is required to be kept at the work site of the permitted activity during the entire period of construction or operation.

13. This permit also constitutes:

- ( ) Determination of Best Available Control Technology (BACT)
- ( ) Determination of Prevention of Significant Deterioration (PSD).
- ( ) Compliance with New Source Performance Standards.

14. The permittee shall comply with the following monitoring and record keeping requirements:

- a. Upon request, the permittee shall furnish all records and plans required under department rules. The retention period for all records will be extended automatically, unless otherwise stipulated by the department, during the course of any unresolved enforcement action.

PERMITTEE:  
Harris Semiconductor

Permit Number: AC 05-104521  
Expiration Date: June 30, 1986

**GENERAL CONDITIONS:**

- b. The permittee shall retain at the facility or other location designated by this permit records of all monitoring information (including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation), copies of all reports required by this permit, and records of all data used to complete the application for this permit. The time period of retention shall be at least three years from the date of the sample, measurement, report or application unless otherwise specified by department rule.
- c. Records of monitoring information shall include:
  - the date, exact place, and time of sampling or measurements;
  - the person responsible for performing the sampling or measurements;
  - the date(s) analyses were performed;
  - the person responsible for performing the analyses;
  - the analytical techniques or methods used; and
  - the results of such analyses.

15. When requested by the department, the permittee shall within a reasonable time furnish any information required by law which is needed to determine compliance with the permit. If the permittee becomes aware that relevant facts were not submitted or were incorrect in the permit application or in any report to the department, such facts or information shall be submitted or corrected promptly.

**SPECIFIC CONDITIONS:**

1. The maximum allowable VOC (volatile organic compounds)/solvent emissions from the work stations and scrubber system shall be 353.1 pounds per year.
2. The potential acid vapor emissions from the work stations and scrubber system is 0.4 pounds per year.
3. The VOC/solvent/acid vapor exhaust scrubber must be on during the working hours.
4. The maximum operating hours allowed shall be 8 hours per day, 264 days per year, for a total of 2,112 hours per year.

PERMITTEE:  
Harris Semiconductor

Permit Number: AC 05-104521  
Expiration Date: June 30, 1986

**SPECIFIC CONDITIONS:**

5. An inspection and maintenance plan shall be submitted to DER's St. Johns River District Office as part of the operating permit application. The plan shall include provisions for the prevention and correction of VOC/solvent losses from leaks and equipment malfunction.
6. Compliance with the VOC/solvent emissions limit for the working stations and the scrubber system shall be determined through sampling and analysis. A sample shall be taken and analyzed, once a year, to determine the scrubber's efficiency. An annual report, summarizing the sampling results, shall be due sixty (60) days after the anniversary date of the operating permit and is to be submitted to DER's St. Johns River District Office.
7. A meter to measure the pressure drop shall be installed on the scrubber system.
8. Objectionable odors shall not be allowed off plant property.
9. A report shall be submitted, on September 1, 1986 and annually thereafter, to DER's St. Johns River District Office. The report shall address the entire Harris Semiconductor facility and reflect the amounts of all VOC/solvents by chemical, purchased and reclaimed or disposed of off-site.
10. The construction shall reasonably conform to the plans and schedule submitted in the application. If the permittee is unable to complete construction on schedule, he must notify the Department in writing 60 days prior to the expiration of the construction permit and submit a new schedule and request for an extension of the construction permit. (FAC Rule 17-4.09)  
To obtain a permit to operate, the permittee must demonstrate compliance with the conditions of the construction permit and submit a complete application for an operating permit, including the application fee, along with compliance test results and Certificate of Completion, to the Department's St. Johns River District office 90 days prior to the expiration date of the construction permit. The permittee may continue to operate in compliance with all terms of the construction permit until its expiration date. Operation beyond the construction permit expiration date requires a valid permit to operate. (FAC Rules 17-4.22 and 17-4.23)  
If the construction permit expires prior to the permittee requesting an extension or obtaining a permit to operate, then all activities at the project must cease and the permittee must apply for a new permit to construct which can take up to 90 days to process a complete application. (FAC Rule 17-4.10)

PERMITTEE:  
Harris Semiconductor

Permit Number: AC 05-104521  
Expiration Date: June 30, 1986

SPECIFIC CONDITIONS:

Issued this 14 day of January,  
1986.

STATE OF FLORIDA DEPARTMENT  
OF ENVIRONMENTAL REGULATION

  
\_\_\_\_\_  
VICTORIA J. TSCHINKEL, Secretary

\_\_\_\_ pages attached.

AC 05-104522



STATE OF FLORIDA

DEPARTMENT OF ENVIRONMENTAL REGULATION

TWIN TOWERS OFFICE BUILDING  
2600 BLAIR STONE ROAD  
TALLAHASSEE, FLORIDA 32301-8241



BOB GRAHAM  
GOVERNOR

VICTORIA J. TSCHINKEL  
SECRETARY

**PERMITTEE:**  
Harris Semiconductor  
P. O. Box 883  
Melbourne, Florida 32901

Permit Number: AC 05-104522  
Expiration Date: June 30, 1986  
County: Brevard  
Latitude/Longitude: 28° 01' 20" N/  
80° 36' 10" W  
Project: Building 57 Chemical  
Vapor Exhaust Scrubber

This permit is issued under the provisions of Chapter 403, Florida Statutes, and Florida Administrative Code Rule(s) 17-2 and 17-4. The above named permittee is hereby authorized to perform the work or operate the facility shown on the application and approved drawing(s), plans, and other documents attached hereto or on file with the department and made a part hereof and specifically described as follows:

For the permitting of hood type work stations for the packaging and plating of semiconductors Building 57. A 13,500 dscfm fume scrubber manufactured by Tri-Mer is installed to control VOC/solvent/acid vapors at the permittee's existing facility located on Palm Bay Road. The UTM coordinates are Zone 17-538.7 km East and 3100.9 km North.

The source shall be in accordance with the permit application and plans, documents, amendments, and drawings except as otherwise noted on pages 5-7, Specific Conditions.

**Attachments are as follows:**

1. Application to Construct Air Pollution Sources, DER Form 17-1.202(1), and Mr. James R. Kolanek's cover letter dated May 21, 1985.
2. Mr. James R. Kolanek's letter with Attachment dated June 12, 1985.
3. Mr. C. H. Fancy's letter dated June 21, 1985.
4. Mr. James R. Kolanek's letter with Attachments dated August 21, 1985.
5. Mr. Dennis R. Erdley's letter dated November 14, 1985.
6. OGC Case No. 85-1286-95 filed by Ms. B. J. Owens, Assistant General Counsel-DER.
7. Mr. Dennis R. Erdley's letter dated December 12, 1985.
8. Mr. Dennis R. Erdley's letter dated December 18, 1985.

PERMITTEE:  
Harris Semiconductor

Permit Number: AC 05-104522  
Expiration Date: June 30, 1986

**GENERAL CONDITIONS:**

1. The terms, conditions, requirements, limitations, and restrictions set forth herein are "Permit Conditions" and as such are binding upon the permittee and enforceable pursuant to the authority of Sections 403.161, 403.727, or 403.859 through 403.861, Florida Statutes. The permittee is hereby placed on notice that the department will review this permit periodically and may initiate enforcement action for any violation of the "Permit Conditions" by the permittee, its agents, employees, servants or representatives.

2. This permit is valid only for the specific processes and operations applied for and indicated in the approved drawings or exhibits. Any unauthorized deviation from the approved drawings, exhibits, specifications, or conditions of this permit may constitute grounds for revocation and enforcement action by the department.

3. As provided in Subsections 403.087(6) and 403.722(5), Florida Statutes, the issuance of this permit does not convey any vested rights or any exclusive privileges. Nor does it authorize any injury to public or private property or any invasion of personal rights, nor any infringement of federal, state or local laws or regulations. This permit does not constitute a waiver of or approval of any other department permit that may be required for other aspects of the total project which are not addressed in the permit.

4. This permit conveys no title to land or water, does not constitute state recognition or acknowledgement of title, and does not constitute authority for the use of submerged lands unless herein provided and the necessary title or leasehold interests have been obtained from the state. Only the Trustees of the Internal Improvement Trust Fund may express state opinion as to title.

5. This permit does not relieve the permittee from liability for harm or injury to human health or welfare, animal, plant or aquatic life or property and penalties therefore caused by the construction or operation of this permitted source, nor does it allow the permittee to cause pollution in contravention of Florida Statutes and department rules, unless specifically authorized by an order from the department.

PERMITTEE:  
Harris Semiconductor

Permit Number: AC 05-104522  
Expiration Date: June 30, 1986

**GENERAL CONDITIONS:**

6. The permittee shall at all times properly operate and maintain the facility and systems of treatment and control (and related appurtenances) that are installed or used by the permittee to achieve compliance with the conditions of this permit, as required by department rules. This provision includes the operation of backup or auxiliary facilities or similar systems when necessary to achieve compliance with the conditions of the permit and when required by department rules.

7. The permittee, by accepting this permit, specifically agrees to allow authorized department personnel, upon presentation of credentials or other documents as may be required by law, access to the premises, at reasonable times, where the permitted activity is located or conducted for the purpose of:

- a. Having access to and copying any records that must be kept under the conditions of the permit;
- b. Inspecting the facility, equipment, practices, or operations regulated or required under this permit; and
- c. Sampling or monitoring any substances or parameters at any location reasonably necessary to assure compliance with this permit or department rules.

Reasonable time may depend on the nature of the concern being investigated.

8. If, for any reason, the permittee does not comply with or will be unable to comply with any condition or limitation specified in this permit, the permittee shall immediately notify and provide the department with the following information:

- a. a description of and cause of non-compliance; and
- b. the period of noncompliance, including exact dates and times; or, if not corrected, the anticipated time the noncompliance is expected to continue, and steps being taken to reduce, eliminate, and prevent recurrence of the noncompliance.

PERMITTEE:  
Harris Semiconductor

Permit Number: AC 05-104522  
Expiration Date: June 30, 1986

**GENERAL CONDITIONS:**

The permittee shall be responsible for any and all damages which may result and may be subject to enforcement action by the department for penalties or revocation of this permit.

9. In accepting this permit, the permittee understands and agrees that all records, notes, monitoring data and other information relating to the construction or operation of this permitted source, which are submitted to the department, may be used by the department as evidence in any enforcement case arising under the Florida Statutes or department rules, except where such use is proscribed by Sections 403.73 and 403.111, Florida Statutes.

10. The permittee agrees to comply with changes in department rules and Florida Statutes after a reasonable time for compliance, provided however, the permittee does not waive any other rights granted by Florida Statutes or department rules.

11. This permit is transferable only upon department approval in accordance with Florida Administrative Code Rules 17-4.12 and 17-30.30, as applicable. The permittee shall be liable for any non-compliance of the permitted activity until the transfer is approved by the department.

12. This permit is required to be kept at the work site of the permitted activity during the entire period of construction or operation.

13. This permit also constitutes:

- ( ) Determination of Best Available Control Technology (BACT)
- ( ) Determination of Prevention of Significant Deterioration (PSD).
- ( ) Compliance with New Source Performance Standards.

14. The permittee shall comply with the following monitoring and record keeping requirements:

- a. Upon request, the permittee shall furnish all records and plans required under department rules. The retention period for all records will be extended automatically, unless otherwise stipulated by the department, during the course of any unresolved enforcement action.

PERMITTEE:  
Harris Semiconductor

Permit Number: AC 05-104522  
Expiration Date: June 30, 1986

**GENERAL CONDITIONS:**

- b. The permittee shall retain at the facility or other location designated by this permit records of all monitoring information (including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation), copies of all reports required by this permit, and records of all data used to complete the application for this permit. The time period of retention shall be at least three years from the date of the sample, measurement, report or application unless otherwise specified by department rule.
- c. Records of monitoring information shall include:
  - the date, exact place, and time of sampling or measurements;
  - the person responsible for performing the sampling or measurements;
  - the date(s) analyses were performed;
  - the person responsible for performing the analyses;
  - the analytical techniques or methods used; and
  - the results of such analyses.

15. When requested by the department, the permittee shall within a reasonable time furnish any information required by law which is needed to determine compliance with the permit. If the permittee becomes aware that relevant facts were not submitted or were incorrect in the permit application or in any report to the department, such facts or information shall be submitted or corrected promptly.

**SPECIFIC CONDITIONS:**

1. The maximum allowable VOC (volatile organic compounds)/solvent emissions from the work stations and scrubber system shall be 1.1 pounds per year.
2. The potential acid vapor emissions from the work stations and scrubber system is 1.9 pounds per year.
3. The VOC/solvent/acid vapor exhaust scrubber must be on during the working hours.
4. The maximum operating hours allowed shall be 8 hours per day, 264 days per year, for a total of 2,112 hours per year.

PERMITTEE:  
Harris Semiconductor

Permit Number: AC 05-104522  
Expiration Date: June 30, 1986

**SPECIFIC CONDITIONS:**

5. An inspection and maintenance plan shall be submitted to DER's St. Johns River District Office as part of the operating permit application. The plan shall include provisions for the prevention and correction of VOC/solvent losses from leaks and equipment malfunction.
6. Compliance with the VOC/solvent emissions limit for the working stations and the scrubber system shall be determined through sampling and analysis. A sample shall be taken and analyzed, once a year, to determine the scrubber's efficiency. An annual report, summarizing the sampling results, shall be due sixty (60) days after the anniversary date of the operating permit and is to be submitted to DER's St. Johns River District Office.
7. A meter to measure the pressure drop shall be installed on the scrubber system.
8. Objectionable odors shall not be allowed off plant property.
9. A report shall be submitted, on September 1, 1986 and annually thereafter, to DER's St. Johns River District Office. The report shall address the entire Harris Semiconductor facility and reflect the amounts of all VOC/solvents by chemical, purchased and reclaimed or disposed of off-site.
10. The construction shall reasonably conform to the plans and schedule submitted in the application. If the permittee is unable to complete construction on schedule, he must notify the Department in writing 60 days prior to the expiration of the construction permit and submit a new schedule and request for an extension of the construction permit. (FAC Rule 17-4.09)  
To obtain a permit to operate, the permittee must demonstrate compliance with the conditions of the construction permit and submit a complete application for an operating permit, including the application fee, along with compliance test results and Certificate of Completion, to the Department's St. Johns River District office 90 days prior to the expiration date of the construction permit. The permittee may continue to operate in compliance with all terms of the construction permit until its expiration date. Operation beyond the construction permit expiration date requires a valid permit to operate. (FAC Rules 17-4.22 and 17-4.23)  
If the construction permit expires prior to the permittee requesting an extension or obtaining a permit to operate, then all activities at the project must cease and the permittee must apply for a new permit to construct which can take up to 90 days to process a complete application. (FAC Rule 17-4.10)

PERMITTEE:  
Harris Semiconductor

Permit Number: AC 05-104522  
Expiration: June 30, 1986

SPECIFIC CONDITIONS:

Issued this 14 day of January,  
1986.

STATE OF FLORIDA DEPARTMENT  
OF ENVIRONMENTAL REGULATION

  
VICTORIA J. TSCHINKEL, Secretary

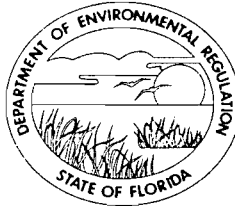
\_\_\_ pages attached.

AC 05-104523



STATE OF FLORIDA  
DEPARTMENT OF ENVIRONMENTAL REGULATION

TWIN TOWERS OFFICE BUILDING  
2600 BLAIR STONE ROAD  
TALLAHASSEE, FLORIDA 32301-8241



BOB GRAHAM  
GOVERNOR

VICTORIA J. TSCHINKEL  
SECRETARY

**PERMITTEE:**  
Harris Semiconductor  
P. O. Box 883  
Melbourne, Florida 32901

Permit Number: AC 05-104523  
Expiration Date: June 30, 1986  
County: Brevard  
Latitude/Longitude: 28° 01' 20" N/  
80° 36' 10" W  
Project: Building 55 Chemical  
Vapor Exhaust Scrubber

This permit is issued under the provisions of Chapter 403, Florida Statutes, and Florida Administrative Code Rule(s) 17-2 and 17-4. The above named permittee is hereby authorized to perform the work or operate the facility shown on the application and approved drawing(s), plans, and other documents attached hereto or on file with the department and made a part hereof and specifically described as follows:

For the permitting of the collection area with an exhaust hood to be used as the storage and shipping point of chemical containers in Building 55. A 1,000 dscfm fume scrubber manufactured by Harrison is installed to control chemical vapors at the permittee's existing facility located on Palm Bay Road. The UTM coordinates are Zone 17-538.7 km East and 3100.9 km North.

The source shall be in accordance with the permit application and plans, documents, amendments, and drawings except as otherwise noted on pages 5-7, Specific Conditions.

**Attachments are as follows:**

1. Application to Construct Air Pollution Sources, DER Form 17-1.202(1), and Mr. James R. Kolanek's cover letter dated May 21, 1985.
2. Mr. James R. Kolanek's letter with Attachment dated June 12, 1985.
3. Mr. C. H. Fancy's letter dated June 21, 1985.
4. Mr. James R. Kolanek's letter with Attachments dated August 21, 1985.
5. Mr. Dennis R. Erdley's letter dated November 14, 1985.
6. OGC Case No. 85-1286-95 filed by Ms. B. J. Owens, Assistant General Counsel-DER.
7. Mr. Dennis R. Erdley's letter dated December 12, 1985.
8. Mr. Dennis R. Erdley's letter dated December 18, 1985.

PERMITTEE:  
Harris Semiconductor

Permit Number: AC 05-104523  
Expiration Date: June 30, 1986

**GENERAL CONDITIONS:**

1. The terms, conditions, requirements, limitations, and restrictions set forth herein are "Permit Conditions" and as such are binding upon the permittee and enforceable pursuant to the authority of Sections 403.161, 403.727, or 403.859 through 403.861, Florida Statutes. The permittee is hereby placed on notice that the department will review this permit periodically and may initiate enforcement action for any violation of the "Permit Conditions" by the permittee, its agents, employees, servants or representatives.

2. This permit is valid only for the specific processes and operations applied for and indicated in the approved drawings or exhibits. Any unauthorized deviation from the approved drawings, exhibits, specifications, or conditions of this permit may constitute grounds for revocation and enforcement action by the department.

3. As provided in Subsections 403.087(6) and 403.722(5), Florida Statutes, the issuance of this permit does not convey any vested rights or any exclusive privileges. Nor does it authorize any injury to public or private property or any invasion of personal rights, nor any infringement of federal, state or local laws or regulations. This permit does not constitute a waiver of or approval of any other department permit that may be required for other aspects of the total project which are not addressed in the permit.

4. This permit conveys no title to land or water, does not constitute state recognition or acknowledgement of title, and does not constitute authority for the use of submerged lands unless herein provided and the necessary title or leasehold interests have been obtained from the state. Only the Trustees of the Internal Improvement Trust Fund may express state opinion as to title.

5. This permit does not relieve the permittee from liability for harm or injury to human health or welfare, animal, plant or aquatic life or property and penalties therefore caused by the construction or operation of this permitted source, nor does it allow the permittee to cause pollution in contravention of Florida Statutes and department rules, unless specifically authorized by an order from the department.

PERMITTEE:  
Harris Semiconductor

Permit Number: AC 05-104523  
Expiration Date: June 30, 1986

GENERAL CONDITIONS:

6. The permittee shall at all times properly operate and maintain the facility and systems of treatment and control (and related appurtenances) that are installed or used by the permittee to achieve compliance with the conditions of this permit, as required by department rules. This provision includes the operation of backup or auxiliary facilities or similar systems when necessary to achieve compliance with the conditions of the permit and when required by department rules.

7. The permittee, by accepting this permit, specifically agrees to allow authorized department personnel, upon presentation of credentials or other documents as may be required by law, access to the premises, at reasonable times, where the permitted activity is located or conducted for the purpose of:

- a. Having access to and copying any records that must be kept under the conditions of the permit;
- b. Inspecting the facility, equipment, practices, or operations regulated or required under this permit; and
- c. Sampling or monitoring any substances or parameters at any location reasonably necessary to assure compliance with this permit or department rules.

Reasonable time may depend on the nature of the concern being investigated.

8. If, for any reason, the permittee does not comply with or will be unable to comply with any condition or limitation specified in this permit, the permittee shall immediately notify and provide the department with the following information:

- a. a description of and cause of non-compliance; and
- b. the period of noncompliance, including exact dates and times; or, if not corrected, the anticipated time the noncompliance is expected to continue, and steps being taken to reduce, eliminate, and prevent recurrence of the noncompliance.

PERMITTEE:  
Harris Semiconductor

Permit Number: AC 05-104523  
Expiration Date: June 30, 1986

GENERAL CONDITIONS:

The permittee shall be responsible for any and all damages which may result and may be subject to enforcement action by the department for penalties or revocation of this permit.

9. In accepting this permit, the permittee understands and agrees that all records, notes, monitoring data and other information relating to the construction or operation of this permitted source, which are submitted to the department, may be used by the department as evidence in any enforcement case arising under the Florida Statutes or department rules, except where such use is proscribed by Sections 403.73 and 403.111, Florida Statutes.

10. The permittee agrees to comply with changes in department rules and Florida Statutes after a reasonable time for compliance, provided however, the permittee does not waive any other rights granted by Florida Statutes or department rules.

11. This permit is transferable only upon department approval in accordance with Florida Administrative Code Rules 17-4.12 and 17-30.30, as applicable. The permittee shall be liable for any non-compliance of the permitted activity until the transfer is approved by the department.

12. This permit is required to be kept at the work site of the permitted activity during the entire period of construction or operation.

13. This permit also constitutes:

- ( ) Determination of Best Available Control Technology (BACT)
- ( ) Determination of Prevention of Significant Deterioration (PSD).
- ( ) Compliance with New Source Performance Standards.

14. The permittee shall comply with the following monitoring and record keeping requirements:

- a. Upon request, the permittee shall furnish all records and plans required under department rules. The retention period for all records will be extended automatically, unless otherwise stipulated by the department, during the course of any unresolved enforcement action.

PERMITTEE:  
Harris Semiconductor

Permit Number: AC 05-104523  
Expiration Date: June 30, 1986

**GENERAL CONDITIONS:**

- b. The permittee shall retain at the facility or other location designated by this permit records of all monitoring information (including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation), copies of all reports required by this permit, and records of all data used to complete the application for this permit. The time period of retention shall be at least three years from the date of the sample, measurement, report or application unless otherwise specified by department rule.
- c. Records of monitoring information shall include:
  - the date, exact place, and time of sampling or measurements;
  - the person responsible for performing the sampling or measurements;
  - the date(s) analyses were performed;
  - the person responsible for performing the analyses;
  - the analytical techniques or methods used; and
  - the results of such analyses.

15. When requested by the department, the permittee shall within a reasonable time furnish any information required by law which is needed to determine compliance with the permit. If the permittee becomes aware that relevant facts were not submitted or were incorrect in the permit application or in any report to the department, such facts or information shall be submitted or corrected promptly.

**SPECIFIC CONDITIONS:**

1. The projected chemical emissions from the work area and scrubber system are 19.2 pounds per year of  $\text{POCl}_3$  and 3.1 pounds per year of  $\text{BBr}_3$ .
2. The chemical vapor exhaust scrubber must be on during the working hours and when damaged containers exist and escaping vapors are being controlled.
3. The maximum operating hours allowed shall be 24 hours per day, 365 days per year, for a total of 8,760 hours per year.

PERMITTEE:  
Harris Semiconductor

Permit Number: AC 05-104523  
Expiration Date: June 30, 1986

**SPECIFIC CONDITIONS:**

4. An inspection and maintenance plan shall be submitted to the DER's St. Johns River District office as part of the operating permit application. The plan shall include provisions for the prevention and correction of chemical losses due to leaks, container damage, spills, etc.
5. Compliance with the VOC/solvent emissions limit for the working stations and the scrubber system shall be determined through sampling and analysis. A sample shall be taken and analyzed, once a year, to determine the scrubber's efficiency. An annual report, summarizing the sampling results, shall be due sixty (60) days after the anniversary date of the operating permit and is to be submitted to DER's St. Johns River District Office.
6. A meter to measure the pressure drop shall be installed on the scrubber system.
7. Objectionable odors shall not be allowed off plant property.
8. A report shall be submitted, on September 1, 1986 and annually thereafter, to DER's St. Johns River District Office. The report shall address the entire Harris Semiconductor facility and reflect the amounts of all VOC/solvents by chemical, purchased and reclaimed or disposed of off-site.
9. The construction shall reasonably conform to the plans and schedule submitted in the application. If the applicant is unable to complete construction on schedule, he must notify the Department in writing 60 days prior to the expiration of the construction permit and submit a new schedule and request for an extension of the construction permit. (FAC Rule 17-4.09)  
To obtain a permit to operate, the applicant must demonstrate compliance with the conditions of the construction permit and submit a complete application for an operating permit, including the application fee, along with compliance test results and Certificate of Completion, to the Department's St. Johns River District office 90 days prior to the expiration date of the construction permit. The permittee may continue to operate in compliance with all terms of the construction permit until its expiration date. Operation beyond the construction permit expiration date requires a valid permit to operate. (FAC Rules 17-4.22 and 17-4.23)  
If the construction permit expires prior to the applicant requesting an extension or obtaining a permit to operate, then all activities at the project must cease and the applicant must apply for a new permit to construct which can take up to 90 days to process a complete application. (FAC Rule 17-4.10)

PERMITTEE:  
Harris Semiconductor

Permit Number: AC 05-104523  
Expiration Date: June 30, 1986

SPECIFIC CONDITIONS:

Issued this 14 day of January,  
1986.

STATE OF FLORIDA DEPARTMENT  
OF ENVIRONMENTAL REGULATION

  
\_\_\_\_\_  
VICTORIA J. TSHINKEL, Secretary

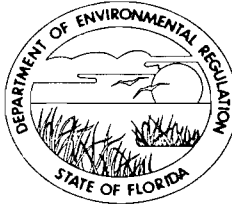
\_\_\_\_ pages attached.

AC 05-104524



STATE OF FLORIDA  
DEPARTMENT OF ENVIRONMENTAL REGULATION

TWIN TOWERS OFFICE BUILDING  
2600 BLAIR STONE ROAD  
TALLAHASSEE, FLORIDA 32301-8241



BOB GRAHAM  
GOVERNOR  
VICTORIA J. TSCHINKEL  
SECRETARY

**PERMITTEE:**  
Harris Semiconductor  
P. O. Box 883  
Melbourne, Florida 32901

Permit Number: AC 05-104524  
Expiration Date: June 30, 1986  
County: Brevard  
Latitude/Longitude: 28° 01' 20" N/  
80° 36' 10" W  
Project: Building 4 South Exhaust  
Scrubbers (2) for Gases  
and Chemical Vapors

This permit is issued under the provisions of Chapter 403, Florida Statutes, and Florida Administrative Code Rule(s) 17-2 and 17-4. The above named permittee is hereby authorized to perform the work or operate the facility shown on the application and approved drawing(s), plans, and other documents attached hereto or on file with the department and made a part hereof and specifically described as follows:

For the permitting of hood type work stations for the manufacture of semiconductors and cleaning operations in Building 4 South. Two 10,000 dscfm fume scrubber manufactured by Harrison are installed to control gases and chemical vapors at the permittee's existing facility located on Palm Bay Road. The UTM coordinates are Zone 17-538.7 km East and 3100.9 km North.

The source shall be in accordance with the permit application and plans, documents, amendments, and drawings except as otherwise noted on pages 5-7, Specific Conditions.

**Attachments are as follows:**

1. Application to Construct Air Pollution Sources, DER Form 17-1.202(1), and Mr. James R. Kolanek's cover letter dated May 21, 1985.
2. Mr. James R. Kolanek's letter with Attachment dated June 12, 1985.
3. Mr. C. H. Fancy's letter dated June 21, 1985.
4. Mr. James R. Kolanek's letter with Attachments dated August 21, 1985.
5. Mr. Dennis R. Erdley's letter dated November 14, 1985.
6. OGC Case No. 85-1286-95 filed by Ms. B. J. Owens, Assistant General Counsel-DER.
7. Mr. Dennis R. Erdley's letter dated December 12, 1985.
8. Mr. Dennis R. Erdley's letter dated December 18, 1985.

PERMITTEE:  
Harris Semiconductor

Permit Number: AC 05-104524  
Expiration Date: June 30, 1986

**GENERAL CONDITIONS:**

1. The terms, conditions, requirements, limitations, and restrictions set forth herein are "Permit Conditions" and as such are binding upon the permittee and enforceable pursuant to the authority of Sections 403.161, 403.727, or 403.859 through 403.861, Florida Statutes. The permittee is hereby placed on notice that the department will review this permit periodically and may initiate enforcement action for any violation of the "Permit Conditions" by the permittee, its agents, employees, servants or representatives.

2. This permit is valid only for the specific processes and operations applied for and indicated in the approved drawings or exhibits. Any unauthorized deviation from the approved drawings, exhibits, specifications, or conditions of this permit may constitute grounds for revocation and enforcement action by the department.

3. As provided in Subsections 403.087(6) and 403.722(5), Florida Statutes, the issuance of this permit does not convey any vested rights or any exclusive privileges. Nor does it authorize any injury to public or private property or any invasion of personal rights, nor any infringement of federal, state or local laws or regulations. This permit does not constitute a waiver of or approval of any other department permit that may be required for other aspects of the total project which are not addressed in the permit.

4. This permit conveys no title to land or water, does not constitute state recognition or acknowledgement of title, and does not constitute authority for the use of submerged lands unless herein provided and the necessary title or leasehold interests have been obtained from the state. Only the Trustees of the Internal Improvement Trust Fund may express state opinion as to title.

5. This permit does not relieve the permittee from liability for harm or injury to human health or welfare, animal, plant or aquatic life or property and penalties therefore caused by the construction or operation of this permitted source, nor does it allow the permittee to cause pollution in contravention of Florida Statutes and department rules, unless specifically authorized by an order from the department.

PERMITTEE:  
Harris Semiconductor

Permit Number: AC 05-104524  
Expiration Date: June 30, 1986

GENERAL CONDITIONS:

6. The permittee shall at all times properly operate and maintain the facility and systems of treatment and control (and related appurtenances) that are installed or used by the permittee to achieve compliance with the conditions of this permit, as required by department rules. This provision includes the operation of backup or auxiliary facilities or similar systems when necessary to achieve compliance with the conditions of the permit and when required by department rules.

7. The permittee, by accepting this permit, specifically agrees to allow authorized department personnel, upon presentation of credentials or other documents as may be required by law, access to the premises, at reasonable times, where the permitted activity is located or conducted for the purpose of:

- a. Having access to and copying any records that must be kept under the conditions of the permit;
- b. Inspecting the facility, equipment, practices, or operations regulated or required under this permit; and
- c. Sampling or monitoring any substances or parameters at any location reasonably necessary to assure compliance with this permit or department rules.

Reasonable time may depend on the nature of the concern being investigated.

8. If, for any reason, the permittee does not comply with or will be unable to comply with any condition or limitation specified in this permit, the permittee shall immediately notify and provide the department with the following information:

- a. a description of and cause of non-compliance; and
- b. the period of noncompliance, including exact dates and times; or, if not corrected, the anticipated time the noncompliance is expected to continue, and steps being taken to reduce, eliminate, and prevent recurrence of the noncompliance.

PERMITTEE:  
Harris Semiconductor

Permit Number: AC 05-104524  
Expiration Date: June 30, 1986

**GENERAL CONDITIONS:**

The permittee shall be responsible for any and all damages which may result and may be subject to enforcement action by the department for penalties or revocation of this permit.

9. In accepting this permit, the permittee understands and agrees that all records, notes, monitoring data and other information relating to the construction or operation of this permitted source, which are submitted to the department, may be used by the department as evidence in any enforcement case arising under the Florida Statutes or department rules, except where such use is proscribed by Sections 403.73 and 403.111, Florida Statutes.

10. The permittee agrees to comply with changes in department rules and Florida Statutes after a reasonable time for compliance, provided however, the permittee does not waive any other rights granted by Florida Statutes or department rules.

11. This permit is transferable only upon department approval in accordance with Florida Administrative Code Rules 17-4.12 and 17-30.30, as applicable. The permittee shall be liable for any non-compliance of the permitted activity until the transfer is approved by the department.

12. This permit is required to be kept at the work site of the permitted activity during the entire period of construction or operation.

13. This permit also constitutes:

- ( ) Determination of Best Available Control Technology (BACT)
- ( ) Determination of Prevention of Significant Deterioration (PSD).
- ( ) Compliance with New Source Performance Standards.

14. The permittee shall comply with the following monitoring and record keeping requirements:

- a. Upon request, the permittee shall furnish all records and plans required under department rules. The retention period for all records will be extended automatically, unless otherwise stipulated by the department, during the course of any unresolved enforcement action.

PERMITTEE:  
Harris Semiconductor

Permit Number: AC 05-104524  
Expiration Date: June 30, 1986

**GENERAL CONDITIONS:**

- b. The permittee shall retain at the facility or other location designated by this permit records of all monitoring information (including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation), copies of all reports required by this permit, and records of all data used to complete the application for this permit. The time period of retention shall be at least three years from the date of the sample, measurement, report or application unless otherwise specified by department rule.
- c. Records of monitoring information shall include:
- the date, exact place, and time of sampling or measurements;
  - the person responsible for performing the sampling or measurements;
  - the date(s) analyses were performed;
  - the person responsible for performing the analyses;
  - the analytical techniques or methods used; and
  - the results of such analyses.

15. When requested by the department, the permittee shall within a reasonable time furnish any information required by law which is needed to determine compliance with the permit. If the permittee becomes aware that relevant facts were not submitted or were incorrect in the permit application or in any report to the department, such facts or information shall be submitted or corrected promptly.

**SPECIFIC CONDITIONS:**

1. The maximum allowable VOC (volatile organic compounds)/solvent emissions from the work stations and scrubber system shall be 79.7 pounds per year.
2. The potential acid vapor emissions from the work stations and scrubber system is 7.0 pounds per year.
3. The gas and VOC/solvent/acid vapor exhaust scrubbers must be on during the working hours.
4. The maximum operating hours allowed shall be 24 hours per day, 365 days per year, for a total of 8,760 hours per year.

**PERMITTEE:**  
Harris Semiconductor

Permit Number: AC 05-104524  
Expiration Date: June 30, 1986

**SPECIFIC CONDITIONS:**

5. An inspection and maintenance plan shall be submitted to DER's St. Johns River District Office as part of the operating permit application. The plan shall include provisions for the prevention and correction of VOC/solvent losses from leaks and equipment malfunction.
6. Compliance with the VOC/solvent emissions limit for the working stations and the scrubber system shall be determined through sampling and analysis. A sample shall be taken and analyzed, once a year, to determine the scrubber's efficiency. An annual report, summarizing the sampling results, shall be due sixty (60) days after the anniversary date of the operating permit and is to be submitted to DER's St. Johns River District Office.
7. A meter to measure the pressure drop shall be installed on the scrubber system.
8. Objectionable odors shall not be allowed off plant property.
9. A report shall be submitted, on September 1, 1986 and annually thereafter, to DER's St. Johns River District Office. The report shall address the entire Harris Semiconductor facility and reflect the amounts of all VOC/solvents by chemical, purchased and reclaimed or disposed of off-site.
10. The construction shall reasonably conform to the plans and schedule submitted in the application. If the permittee is unable to complete construction on schedule, he must notify the Department in writing 60 days prior to the expiration of the construction permit and submit a new schedule and request for an extension of the construction permit. (FAC Rule 17-4.09)  
To obtain a permit to operate, the permittee must demonstrate compliance with the conditions of the construction permit and submit a complete application for an operating permit, including the application fee, along with compliance test results and Certificate of Completion, to the Department's St. Johns River District office 90 days prior to the expiration date of the construction permit. The permittee may continue to operate in compliance with all terms of the construction permit until its expiration date. Operation beyond the construction permit expiration date requires a valid permit to operate. (FAC Rules 17-4.22 and 17-4.23)  
If the construction permit expires prior to the permittee requesting an extension or obtaining a permit to operate, then all activities at the project must cease and the permittee must apply for a new permit to construct which can take up to 90 days to process a complete application. (FAC Rule 17-4.10)

PERMITTEE:  
Harris Semiconductor

Permit Number: AC 05-104524  
Expiration Date: June 30, 1986

SPECIFIC CONDITIONS:

Issued this 14 day of January,  
1986.

STATE OF FLORIDA DEPARTMENT  
OF ENVIRONMENTAL REGULATION

  
\_\_\_\_\_  
VICTORIA J. TSCHINKEL, Secretary

\_\_\_\_\_ pages attached.

AC 05-104525



STATE OF FLORIDA  
DEPARTMENT OF ENVIRONMENTAL REGULATION

TWIN TOWERS OFFICE BUILDING  
2600 BLAIR STONE ROAD  
TALLAHASSEE, FLORIDA 32301-8241



BOB GRAHAM  
GOVERNOR

VICTORIA J. TSCHINKEL  
SECRETARY

**PERMITTEE:**  
Harris Semiconductor  
P. O. Box 883  
Melbourne, Florida 32901

Permit Number: AC 05-104525  
Expiration Date: June 30, 1986  
County: Brevard  
Latitude/Longitude: 28° 01' 20" N/  
80° 36' 10" W  
Project: Building 4 North Exhaust  
Scrubbers (2) for Gases  
and Chemical Vapors

This permit is issued under the provisions of Chapter 403, Florida Statutes, and Florida Administrative Code Rule(s) 17-2 and 17-4. The above named permittee is hereby authorized to perform the work or operate the facility shown on the application and approved drawing(s), plans, and other documents attached hereto or on file with the department and made a part hereof and specifically described as follows:

For the permitting of hood type work stations for the manufacture of semiconductors and cleaning operations in Building 4 North. Two 10,000 dscfm fume scrubber manufactured by Harrison are installed to control gases and chemical vapors at the permittee's existing facility located on Palm Bay Road. The UTM coordinates are Zone 17-538.7 km East and 3100.9 km North.

The source shall be in accordance with the permit application and plans, documents, amendments, and drawings except as otherwise noted on pages 5-7, Specific Conditions.

**Attachments are as follows:**

1. Application to Construct Air Pollution Sources, DER Form 17-1.202(1), and Mr. James R. Kolanek's cover letter dated May 21, 1985.
2. Mr. James R. Kolanek's letter with Attachment dated June 12, 1985.
3. Mr. C. H. Fancy's letter dated June 21, 1985.
4. Mr. James R. Kolanek's letter with Attachments dated August 21, 1985.
5. Mr. Dennis R. Erdley's letter dated November 14, 1985.
6. OGC Case No. 85-1286-95 filed by Ms. B. J. Owens, Assistant General Counsel-DER.
7. Mr. Dennis R. Erdley's letter dated December 12, 1985.
8. Mr. Dennis R. Erdley's letter dated December 18, 1985.

PERMITTEE:  
Harris Semiconductor

Permit Number: AC 05-104525  
Expiration Date: June 30, 1986

**GENERAL CONDITIONS:**

1. The terms, conditions, requirements, limitations, and restrictions set forth herein are "Permit Conditions" and as such are binding upon the permittee and enforceable pursuant to the authority of Sections 403.161, 403.727, or 403.859 through 403.861, Florida Statutes. The permittee is hereby placed on notice that the department will review this permit periodically and may initiate enforcement action for any violation of the "Permit Conditions" by the permittee, its agents, employees, servants or representatives.

2. This permit is valid only for the specific processes and operations applied for and indicated in the approved drawings or exhibits. Any unauthorized deviation from the approved drawings, exhibits, specifications, or conditions of this permit may constitute grounds for revocation and enforcement action by the department.

3. As provided in Subsections 403.087(6) and 403.722(5), Florida Statutes, the issuance of this permit does not convey any vested rights or any exclusive privileges. Nor does it authorize any injury to public or private property or any invasion of personal rights, nor any infringement of federal, state or local laws or regulations. This permit does not constitute a waiver of or approval of any other department permit that may be required for other aspects of the total project which are not addressed in the permit.

4. This permit conveys no title to land or water, does not constitute state recognition or acknowledgement of title, and does not constitute authority for the use of submerged lands unless herein provided and the necessary title or leasehold interests have been obtained from the state. Only the Trustees of the Internal Improvement Trust Fund may express state opinion as to title.

5. This permit does not relieve the permittee from liability for harm or injury to human health or welfare, animal, plant or aquatic life or property and penalties therefore caused by the construction or operation of this permitted source, nor does it allow the permittee to cause pollution in contravention of Florida Statutes and department rules, unless specifically authorized by an order from the department.

PERMITTEE:  
Harris Semiconductor

Permit Number: AC 05-104525  
Expiration Date: June 30, 1986

GENERAL CONDITIONS:

6. The permittee shall at all times properly operate and maintain the facility and systems of treatment and control (and related appurtenances) that are installed or used by the permittee to achieve compliance with the conditions of this permit, as required by department rules. This provision includes the operation of backup or auxiliary facilities or similar systems when necessary to achieve compliance with the conditions of the permit and when required by department rules.

The permittee, by accepting this permit, specifically agrees to allow authorized department personnel, upon presentation of credentials or other documents as may be required by law, access to the premises, at reasonable times, where the permitted activity is located or conducted for the purpose of:

- a. Having access to and copying any records that must be kept under the conditions of the permit;
- b. Inspecting the facility, equipment, practices, or operations regulated or required under this permit; and
- c. Sampling or monitoring any substances or parameters at any location reasonably necessary to assure compliance with this permit or department rules.

Reasonable time may depend on the nature of the concern being investigated.

8. If, for any reason, the permittee does not comply with or will be unable to comply with any condition or limitation specified in this permit, the permittee shall immediately notify and provide the department with the following information:

- a. a description of and cause of non-compliance; and
- b. the period of noncompliance, including exact dates and times; or, if not corrected, the anticipated time the noncompliance is expected to continue, and steps being taken to reduce, eliminate, and prevent recurrence of the noncompliance.

PERMITTEE:  
Harris Semiconductor

Permit Number: AC 05-104525  
Expiration Date: June 30, 1986

**GENERAL CONDITIONS:**

The permittee shall be responsible for any and all damages which may result and may be subject to enforcement action by the department for penalties or revocation of this permit.

9. In accepting this permit, the permittee understands and agrees that all records, notes, monitoring data and other information relating to the construction or operation of this permitted source, which are submitted to the department, may be used by the department as evidence in any enforcement case arising under the Florida Statutes or department rules, except where such use is proscribed by Sections 403.73 and 403.111, Florida Statutes.

10. The permittee agrees to comply with changes in department rules and Florida Statutes after a reasonable time for compliance, provided however, the permittee does not waive any other rights granted by Florida Statutes or department rules.

11. This permit is transferable only upon department approval in accordance with Florida Administrative Code Rules 17-4.12 and 17-30.30, as applicable. The permittee shall be liable for any non-compliance of the permitted activity until the transfer is approved by the department.

12. This permit is required to be kept at the work site of the permitted activity during the entire period of construction or operation.

13. This permit also constitutes:

- ( ) Determination of Best Available Control Technology (BACT)
- ( ) Determination of Prevention of Significant Deterioration (PSD).
- ( ) Compliance with New Source Performance Standards.

14. The permittee shall comply with the following monitoring and record keeping requirements:

- a. Upon request, the permittee shall furnish all records and plans required under department rules. The retention period for all records will be extended automatically, unless otherwise stipulated by the department, during the course of any unresolved enforcement action.

PERMITTEE:  
Harris Semiconductor

Permit Number: AC 05-104525  
Expiration Date: June 30, 1986

**GENERAL CONDITIONS:**

- b. The permittee shall retain at the facility or other location designated by this permit records of all monitoring information (including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation), copies of all reports required by this permit, and records of all data used to complete the application for this permit. The time period of retention shall be at least three years from the date of the sample, measurement, report or application unless otherwise specified by department rule.
- c. Records of monitoring information shall include:
- the date, exact place, and time of sampling or measurements;
  - the person responsible for performing the sampling or measurements;
  - the date(s) analyses were performed;
  - the person responsible for performing the analyses;
  - the analytical techniques or methods used; and
  - the results of such analyses.

15. When requested by the department, the permittee shall within a reasonable time furnish any information required by law which is needed to determine compliance with the permit. If the permittee becomes aware that relevant facts were not submitted or were incorrect in the permit application or in any report to the department, such facts or information shall be submitted or corrected promptly.

**SPECIFIC CONDITIONS:**

1. The maximum allowable VOC (volatile organic compounds)/solvent emissions from the work stations and scrubber system shall be 4.4 pounds per year.
2. The potential acid vapor emissions from the work stations and scrubber system is 4.4 pounds per year.
3. The gas and VOC/solvent/acid vapor exhaust scrubbers must be on during the working hours.
4. The maximum operating hours allowed shall be 24 hours per day, 365 days per year, for a total of 8,760 hours per year.

PERMITTEE:  
Harris Semiconductor

Permit Number: AC 05-104525  
Expiration Date: June 30, 1986

**SPECIFIC CONDITIONS:**

5. An inspection and maintenance plan shall be submitted to DER's St. Johns River District Office as part of the operating permit application. The plan shall include provisions for the prevention and correction of VOC/solvent losses from leaks and equipment malfunction.
6. Compliance with the VOC/solvent emissions limit for the working stations and the scrubber system shall be determined through sampling and analysis. A sample shall be taken and analyzed, once a year, to determine the scrubber's efficiency. An annual report, summarizing the sampling results, shall be due sixty (60) days after the anniversary date of the operating permit and is to be submitted to DER's St. Johns River District Office.
7. A meter to measure the pressure drop shall be installed on the scrubber system.
8. Objectionable odors shall not be allowed off plant property.
9. A report shall be submitted, on September 1, 1986 and annually thereafter, to DER's St. Johns River District Office. The report shall address the entire Harris Semiconductor facility and reflect the amounts of all VOC/solvents by chemical, purchased and reclaimed or disposed of off-site.
10. The construction shall reasonably conform to the plans and schedule submitted in the application. If the permittee is unable to complete construction on schedule, he must notify the Department in writing 60 days prior to the expiration of the construction permit and submit a new schedule and request for an extension of the construction permit. (FAC Rule 17-4.09)  
To obtain a permit to operate, the permittee must demonstrate compliance with the conditions of the construction permit and submit a complete application for an operating permit, including the application fee, along with compliance test results and Certificate of Completion, to the Department's St. Johns River District office 90 days prior to the expiration date of the construction permit. The permittee may continue to operate in compliance with all terms of the construction permit until its expiration date. Operation beyond the construction permit expiration date requires a valid permit to operate. (FAC Rules 17-4.22 and 17-4.23)  
If the construction permit expires prior to the permittee requesting an extension or obtaining a permit to operate, then all activities at the project must cease and the permittee must apply for a new permit to construct which can take up to 90 days to process a complete application. (FAC Rule 17-4.10)

PERMITTEE:  
Harris Semiconductor

Permit Number: AC 05-104525  
Expiration Date: June 30, 1986

SPECIFIC CONDITIONS:

Issued this 14 day of January,  
1986.

STATE OF FLORIDA DEPARTMENT  
OF ENVIRONMENTAL REGULATION

  
VICTORIA J. TSCHINKEL, Secretary

\_\_\_\_\_ pages attached.

AC 05-104527



STATE OF FLORIDA  
DEPARTMENT OF ENVIRONMENTAL REGULATION

TWIN TOWERS OFFICE BUILDING  
2600 BLAIR STONE ROAD  
TALLAHASSEE, FLORIDA 32301-8241



BOB GRAHAM  
GOVERNOR

VICTORIA J. TSCHINKEL  
SECRETARY

**PERMITTEE:**  
Harris Semiconductor  
P. O. Box 883  
Melbourne, Florida 32901

Permit Number: AC 05-104527  
Expiration Date: June 30, 1986  
County: Brevard  
Latitude/Longitude: 28° 01' 20" N/  
80° 36' 10" W  
Project: Building 58 Annex  
VOC/Solvent Vapor  
Exhaust Scrubber

This permit is issued under the provisions of Chapter 403, Florida Statutes, and Florida Administrative Code Rule(s) 17-2 and 17-4. The above named permittee is hereby authorized to perform the work or operate the facility shown on the application and approved drawing(s), plans, and other documents attached hereto or on file with the department and made a part hereof and specifically described as follows:

For the permitting of hood type work stations for the testing and inspecting of semiconductors in Building 58 Annex. A 3,000 dscfm fume scrubber manufactured by Harrison is installed to control VOC/solvent vapors at the permittee's existing facility located on Palm Bay Road. The UTM coordinates are Zone 17-538.7 km East and 3100.9 km North.

The source shall be in accordance with the permit application and plans, documents, amendments, and drawings except as otherwise noted on pages 5-7, Specific Conditions.

Attachments are as follows:

1. Application to Construct Air Pollution Sources, DER Form 17-1.202(1), and Mr. James R. Kolanek's cover letter dated May 21, 1985.
2. Mr. James R. Kolanek's letter with Attachment dated June 12, 1985.
3. Mr. C. H. Fancy's letter dated June 21, 1985.
4. Mr. James R. Kolanek's letter with Attachments dated August 21, 1985.
5. Mr. Dennis R. Erdley's letter dated November 14, 1985.
6. OGC Case No. 85-1286-95 filed by Ms. B. J. Owens, Assistant General Counsel-DER.
7. Mr. Dennis R. Erdley's letter dated December 12, 1985.
8. Mr. Dennis R. Erdley's letter dated December 18, 1985.

PERMITTEE:  
Harris Semiconductor

Permit Number: AC 05-104527  
Expiration Date: June 30, 1986

**GENERAL CONDITIONS:**

1. The terms, conditions, requirements, limitations, and restrictions set forth herein are "Permit Conditions" and as such are binding upon the permittee and enforceable pursuant to the authority of Sections 403.161, 403.727, or 403.859 through 403.861, Florida Statutes. The permittee is hereby placed on notice that the department will review this permit periodically and may initiate enforcement action for any violation of the "Permit Conditions" by the permittee, its agents, employees, servants or representatives.

2. This permit is valid only for the specific processes and operations applied for and indicated in the approved drawings or exhibits. Any unauthorized deviation from the approved drawings, exhibits, specifications, or conditions of this permit may constitute grounds for revocation and enforcement action by the department.

3. As provided in Subsections 403.087(6) and 403.722(5), Florida Statutes, the issuance of this permit does not convey any vested rights or any exclusive privileges. Nor does it authorize any injury to public or private property or any invasion of personal rights, nor any infringement of federal, state or local laws or regulations. This permit does not constitute a waiver of or approval of any other department permit that may be required for other aspects of the total project which are not addressed in the permit.

4. This permit conveys no title to land or water, does not constitute state recognition or acknowledgement of title, and does not constitute authority for the use of submerged lands unless herein provided and the necessary title or leasehold interests have been obtained from the state. Only the Trustees of the Internal Improvement Trust Fund may express state opinion as to title.

5. This permit does not relieve the permittee from liability for harm or injury to human health or welfare, animal, plant or aquatic life or property and penalties therefore caused by the construction or operation of this permitted source, nor does it allow the permittee to cause pollution in contravention of Florida Statutes and department rules, unless specifically authorized by an order from the department.

PERMITTEE:  
Harris Semiconductor

Permit Number: AC 05-104527  
Expiration Date: June 30, 1986

**GENERAL CONDITIONS:**

6. The permittee shall at all times properly operate and maintain the facility and systems of treatment and control (and related appurtenances) that are installed or used by the permittee to achieve compliance with the conditions of this permit, as required by department rules. This provision includes the operation of backup or auxiliary facilities or similar systems when necessary to achieve compliance with the conditions of the permit and when required by department rules.

7. The permittee, by accepting this permit, specifically agrees to allow authorized department personnel, upon presentation of credentials or other documents as may be required by law, access to the premises, at reasonable times, where the permitted activity is located or conducted for the purpose of:

- a. Having access to and copying any records that must be kept under the conditions of the permit;
- b. Inspecting the facility, equipment, practices, or operations regulated or required under this permit; and
- c. Sampling or monitoring any substances or parameters at any location reasonably necessary to assure compliance with this permit or department rules.

Reasonable time may depend on the nature of the concern being investigated.

8. If, for any reason, the permittee does not comply with or will be unable to comply with any condition or limitation specified in this permit, the permittee shall immediately notify and provide the department with the following information:

- a. a description of and cause of non-compliance; and
- b. the period of noncompliance, including exact dates and times; or, if not corrected, the anticipated time the noncompliance is expected to continue, and steps being taken to reduce, eliminate, and prevent recurrence of the noncompliance.

PERMITTEE:  
Harris Semiconductor

Permit Number: AC 05-104527  
Expiration Date: June 30, 1986

**GENERAL CONDITIONS:**

The permittee shall be responsible for any and all damages which may result and may be subject to enforcement action by the department for penalties or revocation of this permit.

9. In accepting this permit, the permittee understands and agrees that all records, notes, monitoring data and other information relating to the construction or operation of this permitted source, which are submitted to the department, may be used by the department as evidence in any enforcement case arising under the Florida Statutes or department rules, except where such use is proscribed by Sections 403.73 and 403.111, Florida Statutes.

10. The permittee agrees to comply with changes in department rules and Florida Statutes after a reasonable time for compliance, provided however, the permittee does not waive any other rights granted by Florida Statutes or department rules.

11. This permit is transferable only upon department approval in accordance with Florida Administrative Code Rules 17-4.12 and 17-30.30, as applicable. The permittee shall be liable for any non-compliance of the permitted activity until the transfer is approved by the department.

12. This permit is required to be kept at the work site of the permitted activity during the entire period of construction or operation.

13. This permit also constitutes:

- ( ) Determination of Best Available Control Technology (BACT)
- ( ) Determination of Prevention of Significant Deterioration (PSD).
- ( ) Compliance with New Source Performance Standards.

14. The permittee shall comply with the following monitoring and record keeping requirements:

- a. Upon request, the permittee shall furnish all records and plans required under department rules. The retention period for all records will be extended automatically, unless otherwise stipulated by the department, during the course of any unresolved enforcement action.

PERMITTEE:  
Harris Semiconductor

Permit Number: AC 05-104527  
Expiration Date: June 30, 1986

**GENERAL CONDITIONS:**

- b. The permittee shall retain at the facility or other location designated by this permit records of all monitoring information (including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation), copies of all reports required by this permit, and records of all data used to complete the application for this permit. The time period of retention shall be at least three years from the date of the sample, measurement, report or application unless otherwise specified by department rule.
- c. Records of monitoring information shall include:
- the date, exact place, and time of sampling or measurements;
  - the person responsible for performing the sampling or measurements;
  - the date(s) analyses were performed;
  - the person responsible for performing the analyses;
  - the analytical techniques or methods used; and
  - the results of such analyses.

15. When requested by the department, the permittee shall within a reasonable time furnish any information required by law which is needed to determine compliance with the permit. If the permittee becomes aware that relevant facts were not submitted or were incorrect in the permit application or in any report to the department, such facts or information shall be submitted or corrected promptly.

**SPECIFIC CONDITIONS:**

1. The maximum allowable VOC (volatile organic compounds)/solvent emissions from the work stations and scrubber system shall be 4.2 pounds per year.
2. The VOC/solvent vapor exhaust scrubber must be on during the working hours.
3. The maximum operating hours allowed shall be 8 hours per day, 264 days per year, for a total of 2,112 hours per year.

**PERMITTEE:**  
Harris Semiconductor

Permit Number: AC 05-104527  
Expiration Date: June 30, 1986

**SPECIFIC CONDITIONS:**

4. An inspection and maintenance plan shall be submitted to DER's St. Johns River District Office as part of the operating permit application. The plan shall include provisions for the prevention and correction of VOC/solvent losses from leaks and equipment malfunction.

5. Compliance with the VOC/solvent emissions limit for the working stations and the scrubber system shall be determined through sampling and analysis. A sample shall be taken and analyzed, once a year, to determine the scrubber's efficiency. An annual report, summarizing the sampling results, shall be due sixty (60) days after the anniversary date of the operating permit and is to be submitted to DER's St. Johns River District Office.

6. A meter to measure the pressure drop shall be installed on the scrubber system.

7. Objectionable odors shall not be allowed off plant property.

8. A report shall be submitted, on September 1, 1986 and annually thereafter, to DER's St. Johns River District Office. The report shall address the entire Harris Semiconductor facility and reflect the amounts of all VOC/solvents by chemical, purchased and reclaimed or disposed of off-site.

9. The construction shall reasonably conform to the plans and schedule submitted in the application. If the permittee is unable to complete construction on schedule, he must notify the Department in writing 60 days prior to the expiration of the construction permit and submit a new schedule and request for an extension of the construction permit. (FAC Rule 17-4.09)

To obtain a permit to operate, the permittee must demonstrate compliance with the conditions of the construction permit and submit a complete application for an operating permit, including the application fee, along with compliance test results and Certificate of Completion, to the Department's St. Johns River District office 90 days prior to the expiration date of the construction permit. The permittee may continue to operate in compliance with all terms of the construction permit until its expiration date. Operation beyond the construction permit expiration date requires a valid permit to operate. (FAC Rules 17-4.22 and 17-4.23)

If the construction permit expires prior to the permittee requesting an extension or obtaining a permit to operate, then all activities at the project must cease and the permittee must apply for a new permit to construct which can take up to 90 days to process a complete application. (FAC Rule 17-4.10)

PERMITTEE:  
Harris Semiconductor

Permit Number: AC 05-104527  
Expiration Date: June 30, 1986

SPECIFIC CONDITIONS:

Issued this 14 day of January,  
1986.

STATE OF FLORIDA DEPARTMENT  
OF ENVIRONMENTAL REGULATION

  
\_\_\_\_\_  
VICTORIA J. TSCHINKEL, Secretary

\_\_\_\_\_ pages attached.