



Florida Department of Environmental Protection

Southwest District
13051 N. Telecom Parkway
Temple Terrace, Florida 33637-0926

Charlie Crist
Governor

Jeff Kottkamp
Lt. Governor

Michael W. Sole
Secretary

FINAL PERMIT

PERMITTEE

Honeywell International Inc.
13350 U.S. 19 North
Clearwater, FL 33764-7290

Authorized Representative:

Mr. Kirk Gerber, Director Integrated Supply Chain
and Site Leader

Air Permit No. 1030019-009-AF
Permit Expires: 02/08/2015
Site Name : Honeywell - Clearwater
Facility
Minor Air Federally Enforceable State
Operating Permit (FESOP)
Project Name: Systems/Equipment
Manufacturing and Assembly Facility

This is the final air operation permit, which authorizes the operation of systems/equipment manufacturing and assembly facility. The facility's operations are conducted at the Honeywell - Clearwater Facility (Standard Industrial Classification No. 3812). The facility is located in Pinellas County at 13350 U.S. 19 North in Clearwater, Florida. The UTM coordinates are Zone 17, 330.12 km East, and 3086.25 km North. As noted in the Final Determination provided with this final permit, only minor changes and clarifications were made to the draft permit.

This final permit is organized by the following sections:

- Section 1. General Information
- Section 2. Administrative Requirements
- Section 3. Facility-wide and Emissions Unit Specific Conditions
- Section 4. Appendices

Because of the technical nature of the project, the permit contains numerous acronyms and abbreviations, which are defined in Appendix A of Section 4 of this permit.

This air pollution permit is issued under the provisions of: Chapter 403 of the Florida Statutes (F.S.) and Chapters 62-4, 62-204, 62-210, 62-212, 62-296 and 62-297 of the Florida Administrative Code (F.A.C.). The permittee is authorized to conduct the proposed work in accordance with the conditions of this permit.

Upon issuance of this final permit, any party to this order has the right to seek judicial review of it under Section 120.68 of the Florida Statutes by filing a notice of appeal under Rule 9.110 of the Florida Rules of Appellate Procedure with the clerk of the Department of Environmental Protection in the Office of General Counsel (Mail Station #35, 3900 Commonwealth Boulevard, Tallahassee, Florida, 32399-3000) 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 must be filed within 30 days after this order is filed with the clerk of the Department.

Executed in Hillsborough County, Florida

Mara Grace Nasca February 8, 2010
Mara Grace Nasca Effective Date
District Air Program Administrator
Southwest District

CERTIFICATE OF SERVICE

The undersigned duly designated deputy agency clerk hereby certifies that this Final Air Permit package (including the Final Determination, the Final Permit and the Appendices) was sent by electronic mail (or a link to these documents made available electronically on a publicly accessible server) with received receipt requested before the close of business on February 9, 2010 to the persons listed below.

Mr. Kirk Gerber, Director Integrated Supply Chain and Site Leader
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SECTION 1. GENERAL INFORMATION (FINAL)

FACILITY AND PROJECT DESCRIPTION

For the operation of a synthetic non-Title systems/equipment manufacturing and assembly facility. The facility has two (2) emission units and is primarily engaged in manufacturing many of the following systems or components: search, detection, navigation, guidance, aeronautical, and nautical systems and instruments. Important products may include navigation systems and equipment; aircraft and missile control systems and equipment; flight and navigation sensors, transmitters, and displays; gyroscopes; airframe equipment instruments; and speed, pitch, and roll navigation instruments and systems.

This facility is classified as a synthetic non-Title V facility for the pollutants total hazardous air pollutants (HAPs), any individual HAP, and volatile organic compounds (VOCs).

The air emission sources at this facility are as described below:

ID No.	Emission Unit Description
001	Beryllium Emission Activities at Plant No. 1
002	Miscellaneous VOC/HAP Emission Activities

NOTE: Please reference the Permit No., Facility ID, and Emission Unit ID in all correspondence, test report submittals, applications, etc.

Exempt Emission Units/Activities

- Cold storage refrigeration equipment - environmental temperature chambers.
[Rule 62-210.300(3)(a)5., F.A.C.]
- Vacuum pumps in laboratory operations.
[Rule 62-210.300(3)(a)6., F.A.C.]
- Wood or plastic sanding operations.
[Rule 62-210.300(3)(a)8., F.A.C.]
- Laboratory equipment - chemical operations and associated fluxes and chemicals.
[Rule 62-210.300(3)(a)12., F.A.C.]
- Brazing, soldering, or welding operations and associated fluxes and chemicals.
[Rule 62-210.300(3)(a)13., F.A.C.]
- Emergency electrical generators.
[Rule 62-210.300(a)35., F.A.C.; For any engine subject to Title 40, Code of Federal Regulations (CFR), Part 60, Subpart IIII - Standards of Performance for Stationary Compression Ignition Combustion Engines, as long as the permittee operates and maintains the engine according to the manufacturer's written instructions or procedures over the entire life of the engine and the manufacturer keeps its certification, the engine is not required by the federal rule to demonstrate compliance with emission limits.]
- Fire and safety equipments.
[Rule 62-210.300(3)(a)15., F.A.C.]
- Surface coating facilities with 6.0 gallons or less of coatings per day.
[Rule 62-210.300(3)(a)27., F.A.C.]
- Degreasing units using heavier-than-air vapors. [Rule 62-210.300(3)(a)23., F.A.C.]

SECTION 1. GENERAL INFORMATION (FINAL)

- Small diesel holding tanks for emergency generators.
[Rule 62-210.300(3)(b)1., F.A.C.]
- Diesel fuel transfer to emergency generators.
[Rule 62-210.300(3)(b)1., F.A.C.]
- Carbon dioxide snow cleaning system – abrasive polishing system. Liquid CO₂ is atomized through a nozzle and turns to solid CO₂ crystals that physically impinge a part and then turns to gas.
[Rule 62-4.040, F.A.C.]
- Solvent transfer unloading of 55-gal. drum lots to smaller day containers of less than 10 gal. capacity. Activities with VOC or HAP components are tracked within the materials inventory and mass balance calculations.
[Rule 62-4.040, F.A.C.]
- Supercritical cleaning using carbon dioxide at its critical point – precision cleaning system. Liquid CO₂ is atomized through a nozzle and turns to solid CO₂ crystals that physically impinge a part and then turns to gas.
[Rule 62-4.040, F.A.C.]
- Spray booth 30 psig cleaning using non-regulated solvents. Activities with VOC or HAP components are tracked within the materials inventory and mass balance calculations.
[Rule 62-4.040, F.A.C.]
- Vacuum/pressure cleaning system. This system uses non-regulated solvents in the process where alternate vacuum and pressure are used to remove all entrapped air in the system.
[Rule 62-4.040, F.A.C.]
- Vacuum pumps for production environmental chambers. These pumps do not contribute to pollutant activities and only serve to bring environmental test chambers below atmospheric sea-level pressures. Any air pollutants that enter or exit these pumps are already counted in emission calculations.
[Rule 62-4.040, F.A.C.]
- Bakeout ovens for outer space applications. This is an activity that does not change the emissions as calculated from the mass balance equations. The ovens are allowing complete curing of epoxy systems and removing any residual water from the hardware.
[Rule 62-4.040, F.A.C.]
- Cold traps on mass transfer systems. Cold traps are used in processes to trap contaminants that might get into high reliability products. These materials are already in the atmosphere and do not cause additional pollution from these activities.
[Rule 62-4.040, F.A.C.]
- Pressure relief valves. Pressure relief valves act to relieve excessive pressure. They are ~~pollution-generating devices and emissions from these devices are captured in overall balance~~ calculations for emissions.
[Rule 62-4.040, F.A.C.]
- Bulk liquid nitrogen. Liquid nitrogen is used for cooling and is not a listed pollutant.
- Shock testing facilities using small quantities of explosives.
[Rule 62-4.040, F.A.C.]
- Cooling towers. The anti-scaling chemicals used in the cooling towers are included in the chemical inventory. Possible regulated emissions are captured within the material inventory mass balance calculations. [Rule 62-4.040, F.A.C.]

SECTION 1. GENERAL INFORMATION (FINAL)

- Small electroplating systems – nickel and iron plating system. When plating operations are performed, these activities will follow emission control guidance of the applicable NESHAP – 40 CFR 63, Subpart WWWW. [Rule 62-4.040, F.A.C.]
- Substitute solvent distillation recovery system – recovers cleaning solvent. Any substitute solvents are tracked for VOC or HAP components within the material inventory and mass balance calculations. [Rule 62-4.040, F.A.C.]
- Closed loop washing machines. Solvents used in these systems are tracked for VOC and HAP components within the material inventory and mass balance calculations. [Rule 62-4.040, F.A.C.]
- Pick and Place Machine for populating circuit boards. There are no solvent VOCs or HAPs in this process. [Rule 62-4.040, F.A.C.]
- Maintenance activities and associated heavy and lubricating oils. [Rule 62-210.300(3)(a)16., F.A.C.]
- Custodial activities. [Rule 62-210.300(3)(b)1., F.A.C.]
- Hazardous activities – 90-Accumulating & Shipping of RCRA permitted waste. These activities are tracked for VOC or HAP components within the material inventory and mass balance calculations. [Rule 62-4.040, F.A.C.]
- Propane used as fuel for lab furnaces, flame deposition, kitchen operations, heat treating operations. Activities with VOC or HAP components are tracked within the material inventory and mass balance calculations. [Rule 62-4.040, F.A.C.]
- Water treatment chemicals – Sulfuric acid, Polyelphs (970), Dearcides (735-702), Polymate (910). Activities with VOC or HAP components are tracked within the material inventory and mass balance calculations. [Rule 62-4.040, F.A.C.]
- Axarel compounds – high mol. wt., low volatility cleaning solvents. Activities with VOC or HAP components are tracked within the material inventory and mass balance calculations. [Rule 62-4.040, F.A.C.]
- Bioact compounds – water soluble cleaners. Activities with VOC or HAP components are tracked within the material inventory and mass balance calculations. [Rule 62-4.040, F.A.C.]
- ~~Hollis oils – wave solder heat transfer medium. Activities with VOC or HAP components are tracked within the material inventory and mass balance calculations. [Rule 62-4.040, F.A.C.]~~

SECTION 1. GENERAL INFORMATION (FINAL)

FACILITY REGULATORY CLASSIFICATION

- The facility is not a major source of hazardous air pollutants (HAP).
- The facility has no units subject to the acid rain provisions of the Clean Air Act (CAA).
- The facility is not a Title V major source of air pollution in accordance with Chapter 213, F.A.C.
- The facility is not a major stationary source in accordance with Rule 62-212.400(PSD), F.A.C.
- This facility is a synthetic non-Title V source for the pollutants total hazardous air pollutants (HAPs), any individual HAP, and volatile organic compounds (VOCs).

PERMIT HISTORY/AFFECTED PERMITS

Replaces Permit No. 1030019-007-AV

SECTION 2. ADMINISTRATIVE REQUIREMENTS (FINAL)

1. Permitting Authority: The permitting authority for this project is the Florida Department of Environmental Protection (Department), Southwest District's Air Resource Management Section. The Southwest District's mailing address and phone number is:

Florida Department of Environmental Protection
Southwest District Office
Air Resource Management Section
13051 North Telecom Parkway
Temple Terrace, Florida 33637-0926
Telephone: 813-632-7600

All documents related to applications for permits shall be submitted to the above address.

2. Compliance Authority: All documents related to compliance activities such as reports, tests, and notifications shall be submitted to the:

Pinellas County Department of Environmental Management
300 South Garden Avenue
Clearwater, Florida 33756
Telephone 727-464-4422

3. Appendices: The following Appendices are attached as part of this permit:

- a. Appendix A. Citation Formats and Glossary of Common Terms;
- b. Appendix B. General Conditions;
- c. Appendix C. Common Conditions; and
- d. Appendix D. Common Testing Requirements.

4. Applicable Regulations, Forms and Application Procedures: Unless otherwise specified in this permit, the construction and operation of the subject emissions units shall be in accordance with the capacities and specifications stated in the application. The facility is subject to all applicable provisions of: Chapter 403, F.S.; and Chapters 62-4, 62-204, 62-210, 62-212, 62-213, 62-296 and 62-297, F.A.C. Issuance of this permit does not relieve the permittee from compliance with any applicable federal, state, or local permitting or regulations.

5. New or Additional Conditions: For good cause shown and after notice and an administrative hearing, if requested, the Department may require the permittee to conform to new or additional conditions. The Department shall allow the permittee a reasonable time to conform to the new or additional conditions, and on application of the permittee, the Department may grant additional time.

[Rule 62-4.080, F.A.C.]

SECTION 2. ADMINISTRATIVE REQUIREMENTS (FINAL)

6. **Modifications:** Unless otherwise exempt by rule, the permittee shall not initiate any construction, reconstruction, or modification at the facility and shall not install/modify any pollution control device at the facility without obtaining prior authorization from the Department. Modification is defined as: Any physical change or changes in the method of operations or addition to a facility that would result in an increase in the actual emissions of any air pollutant subject to air regulations, including any not previously emitted, from any emission unit or facility.
[Rules 62-210.200 - Definition of "Modification" and 62-210.300(1)(a), F.A.C.]
7. **Annual Operating Report:** On or before **April 1** of each year, the permittee shall submit a completed DEP Form 62-210.900(5), "Annual Operating Report for Air Pollutant Emitting Facility" (AOR) for the preceding calendar year. The report may be submitted electronically in accordance with the instructions received with the AOR package sent by the Department, or a hardcopy may be sent to the Compliance Authority.
[Rule 62-210.370(3), F.A.C.]
8. **Operation Permit Renewal Application:** A completed application for renewal of the operation permit shall be submitted to the Permitting Authority with a copy to the Pinellas County Department of Environmental Management (PCDEM) no later than 60 days prior to the expiration date of this operation permit. To properly apply for an operation permit, the applicant shall submit the following:
- the appropriate permit application form (*see current version of Rule 62-210.900, F.A.C. (Forms and Instructions), and/or FDEP Division of Air Resource Management website at: <http://www.dep.state.fl.us/air/>*);
 - the appropriate operation permit application fee from Rule 62-4.050(4)(a), F.A.C.;
 - copies of the most recent compliance test reports required by Specific Condition No. A.4., if not previously submitted;
 - copies of the most recent two months of records/logs specified in Specific Condition Nos. A.9. and B.4.; and
 - any revisions to the O & M Plan.

[Rules 62-4.030, 62-4.050, 62-4.070(3), 62-4.090, 62-210.300(2), and 62-210.900, F.A.C.]

SECTION 3. FACILITY-WIDE AND EMISSIONS UNIT SPECIFIC CONDITIONS (FINAL)

A. E.U. No. 001 - Beryllium Emission Activities at Plant No. 1

This section of the permit addresses the following emission unit:

ID No.	Emission Unit Description
001	<p data-bbox="284 310 1430 600">Beryllium Emission Activities at Plant No. 1: For the operation of one (1) blast and 11 de-burring stations when processing beryllium parts. Emissions from the 1 blast station and 11 de-burring stations are vented to a common Torit cyclone collector then to a common HEPA filter housing before being exhausted to the atmosphere. The common control devices also control non-beryllium emissions from a Spencer industrial vacuum, two glove boxes, Hass GT-10 CNC lathe, and miscellaneous room exhaust. The miscellaneous room exhaust may include non-beryllium emissions from a Voumard 110 CNC T grinding machine.</p> <p data-bbox="284 636 1398 741">The Hass lathe and Voumard grinding machine are used to remove ferrite, copper windings and epoxy materials that are within beryllium housings and the tooling will not touch beryllium (except in the event of catastrophic failure of the machine).</p> <p data-bbox="284 777 1422 919">When processing beryllium, the 12 stations (1 blast and 11 de-burring stations) are subject to the NESHAP requirements of 40 CFR 61, Subpart C - National Emission Standard for Beryllium, revised as of July 1, 2001, which is adopted and incorporated by reference in Rule 62-204.800(10), F.A.C.</p>

PERFORMANCE RESTRICTIONS

- A.1. Federal Regulatory Requirements: This emission unit is subject to 40 CFR 61, Subpart C - National Emission Standard for Beryllium, which is adopted by reference in Rule 62-204.800(10), F.A.C.
[Rule 62-204.800(10), F.A.C.]
- A.2. Permitted Capacity: No more than 12 stations shall be operating simultaneously when processing beryllium.
[Rule 62-210.200(PTE), F.A.C.]

EMISSIONS STANDARDS

- ~~A.3. Beryllium Emission Standard: The beryllium emissions from the 12 stations at this facility shall not exceed 10 grams over a 24-hour period.
[40 CFR 61.32(a) and Rule 62-204.800(10), F.A.C.]~~

SECTION 3. FACILITY-WIDE AND EMISSIONS UNIT SPECIFIC CONDITIONS (FINAL)

A. E.U. No. 001 - Beryllium Emission Activities at Plant No. 1

TESTING REQUIREMENTS

A.4. Compliance Tests: Compliance testing for beryllium emissions from this emission unit shall be conducted during the 105 to 365 day period prior to the expiration date of this permit. The test shall be conducted in accordance with the methods and procedures of 40 CFR 61, Subpart C. Testing of beryllium emissions shall be conducted when the maximum numbers of 12 stations are simultaneously processing beryllium. A compliance test submitted when less than the maximum permitted number of 12 stations are simultaneously processing beryllium will automatically constitute an amended permit to only allow the simultaneous operation of the maximum number of stations that were simultaneously processing beryllium during that test. Once the emission unit is so limited, operation with more stations simultaneously processing beryllium than the most recent compliance test was conducted is allowed for no more than 15 consecutive days for the purpose of additional compliance testing to regain the authority to operate with more stations operating simultaneously processing beryllium than the most recent compliance test, but in no case shall the number of stations simultaneously processing beryllium exceed 12. The test results shall be submitted to the Compliance Authority within 45 days of testing. Acceptance of the test by the Compliance Authority will automatically constitute an amended permit at the higher number of stations tested when simultaneously processing beryllium, but in no case shall the maximum permitted number of 12 stations simultaneously processing beryllium be exceeded.
[Rules 62-297.310(2), 62-297.310(7)(a)4.c., 62-297.310(8)(b), and 62-4.070(3), F.A.C.]

A.5. Test Requirements: Tests shall be conducted in accordance with the applicable requirements specified in Appendix D (Common Testing Requirements) of this permit.
[Rule 62-297.310(7)(a)9., F.A.C.]

A.6. Test Method(s): Required tests shall be performed in accordance with the following reference method(s).

Method(s)	Description of Method and Comments
104	Determination of Beryllium Emissions from Stationary Sources

The above method(s) are described in Appendix B of 40 CFR 61 and are adopted by reference in Rule 62-204.800, F.A.C. No other method(s) may be used unless prior written approval is received from the Department.

[Rules 62-204.800 and 62-297.100, F.A.C.; and Appendix B of 40 CFR 61]

SECTION 3. FACILITY-WIDE AND EMISSIONS UNIT SPECIFIC CONDITIONS (FINAL)

A. E.U. No. 001 - Beryllium Emission Activities at Plant No. 1

NOTIFICATION REQUIREMENTS

- A.7. Test Notification: The permittee shall notify the Compliance Authority in writing at least 15 days prior to any required tests. The notification must include the following information: the date, time, and location of each test; the name and telephone number of the facility's contact person who will be responsible for coordinating the test; and the name, company, and the telephone number of the person conducting the test.

{Permitting Note: The notification should also include the relevant emission unit ID No(s), test method(s) to be used, and pollutants to be tested.}

[Rules 62-4.070(3) and 62-297.310(7)(a)9., F.A.C.]

RECORDS AND REPORTS

- A.8. Test Reports: The permittee shall prepare and submit reports for all required tests in accordance with the requirements specified in Appendix D (Common Testing Requirements) of this permit. The test report shall include:

- a. A statement indicating the number of stations that were simultaneously processing beryllium during the test period.
- b. A copy of the daily log as required by Specific Condition No. A.9. for the test day.

[Rule 62-297.310(8), F.A.C.]

- A.9. Recordkeeping Requirements: A daily log for the 1 blast and 11 de-burring stations shall be maintained to document compliance with the limitation of Specific Condition A.2. At a minimum the log shall indicate the following:

- a. Date, Facility ID, and Emission Unit ID No. (001).
- b. The number of De-burring and/or Blast Stations in operation.
- c. Start and stop time for each beryllium operator.
- d. Facility location (i.e., Plant No. 1).
- e. Operator name.

All records/logs shall be maintained at the facility for at least 3 years and made available to the Department and PCDEM upon request.

[Rule 62-4.070(3), F.A.C.]

SECTION 3. FACILITY-WIDE AND EMISSIONS UNIT SPECIFIC CONDITIONS (FINAL)

A. E.U. No. 001 - Beryllium Emission Activities at Plant No. 1

- A.10. Operation and Maintenance (O & M) Plan for Torit Cyclone Collector and HEPA Filter Control: The permittee shall comply with the Operation and Maintenance (O&M) Plan for the Torit cyclone collector and HEPA filters, which was submitted with the application dated October 27, 2009. The particulate control devices shall be operated and maintained in accordance with this O&M Plan and as revised with the prior approval of the Compliance Authority (PCDEM). The O&M Plan documentation shall be retained at the facility for at least 2 years and made available to the Department and PCDEM upon request. At a minimum, the O&M Plan shall include the following elements:
- a. The operating parameters of the respective control device.
 - b. The timetable for the routine maintenance of the control device as specified by the manufacturer.
 - c. The timetable for routine periodic observations of the pollution control device sufficient to ensure proper operation.
 - d. A list of the type and quantity of required spare parts for the control device, which are stored on the premises.
 - e. A record log, which will indicate, at a minimum:
 1. When maintenance and observations were performed.
 2. What maintenance and observations were performed.
 3. Who performed said maintenance and observations.
 4. Acceptable parameter ranges for each operational check.

[Pinellas County Code, Section 58-128]

SECTION 3. FACILITY-WIDE AND EMISSIONS UNIT SPECIFIC CONDITIONS (FINAL)

B. E.U. No. 002 - Miscellaneous VOC/HAP Emission Activities

This section of the permit addresses the following emission unit.

ID No.	Emission Unit Description
002	Miscellaneous VOC/HAP Emission Activities - For the operation of a solvent metal cleaning operation consisting of various (non-Reasonably Available Control Technology (RACT) & non-Maximum Available Control Technology (MACT)) degreasers and other miscellaneous VOC/HAP usage activities. The facility activities include degreasers, desk top ultrasonic cleaners, small parts cleaning using small amounts of VOCs in small containers under evacuation hoods or on desktops, power spray booths, etc.

PERFORMANCE RESTRICTIONS

B.1. Work Practice Requirements for Volatile Organic Compounds (VOC), Organic Solvents (OS), and Hazardous Air Pollutants (HAP): The permittee shall allow no person to store, pump, handle, process, load, unload or use in any process or installation, volatile organic compounds or organic solvents without applying known and existing vapor emission control devices or systems deemed necessary and ordered by the Department. The permittee shall comply with the following:

- a. Maintain tightly fitting cover, lids, etc. on all containers of OS/VOC/HAPs when they are not being handled, tapped, etc.
- b. All OS/VOC /HAPs fittings, valve lines, etc. shall be properly maintained.
- c. All OS/VOC/HAPs spills shall be attended to immediately and the waste properly disposed of, recycled, etc.
- d. All solvent washings (equipment clean-up) shall be directed into containers that prevent evaporation in the atmosphere.

[Rules 62-4.070(3) and 62-296.320(1)(a), F.A.C.]

EMISSIONS STANDARDS

~~B.2. VOC/HAP Emission Limitations: The permittee shall comply with the following emission limitations:~~

- a. Emissions of VOC's from the facility, which includes VOC's from the degreasers, shall not exceed a total of 90.0 tons per any consecutive 12-month period.
- b. Any individual HAP shall not exceed 8.0 tons per any consecutive 12-month period.

SECTION 3. FACILITY-WIDE AND EMISSIONS UNIT SPECIFIC CONDITIONS (FINAL)

B. E.U. No. 002 - Miscellaneous VOC/HAP Emission Activities

- c. Total HAPs shall not exceed 20.0 tons per any consecutive 12-month period.
- d. The beryllium emissions from Emission Unit No. 001 shall be considered in the limitations of Specific Condition Nos. B.2.b. and B.2.c.

[Rule 62-210.200 - Definitions (PTE), F.A.C.]

- B.3. Maximum Achievable Control Technology (MACT): In order to avoid the MACT requirements of 40 CFR 63, Subpart T - National Emission Standards for Halogenated Solvent Cleaning, permittee shall not use any solvent containing Methylene Chloride [CAS No. 75-09-2], 1,1,1 - Trichloroethane [CAS No. 71-55-6], Chloroform [CAS No. 67-66-3], Perchloroethylene [CAS No. 127-18-4], Trichloroethylene [CAS No. 79-01-6] and Carbon Tetrachloride [CAS No. 56-23-5], or any combination of these halogenated HAP solvents in a total concentration greater than five (5) percent by weight as a cleaning and/or drying agent in any new or existing batch vapor, in-line vapor, in-line cold, or batch cold cleaning machine without first obtaining an air construction permit from the Department. Wipe cleaning activities, such as using rags containing halogenated solvents or spray cleaners containing halogenated solvents shall not be prohibited by this permit condition.
[Rules 62-210.200(Potential To Emit), 62-210.300(1)(a), and 62-212.300(1)(a), F.A.C.; 40 CFR 63]

RECORDS

- B.4. Recordkeeping Requirements: The permittee shall comply with the following requirements in order to demonstrate compliance with Condition Nos. B.2 and B.3.:
- a. All records shall show the appropriate Date, Facility ID, and Emission Unit ID No. (002).
 - b. A separate usage log shall be kept for the degreasers. At a minimum the log shall record the following:
 - 1. By the end of the next business day that a VOC solvent is removed, or added to a degreaser, the date, name of the VOC solvent, and amount of VOC solvent in gallons shall be recorded for each degreaser and made available for inspection.
 - 2. A monthly total, in pounds and gallons for each VOC solvent used along with the ~~most recent consecutive 12-month period total in tons and gallons~~ of all VOC solvents used, will be maintained to ensure the applicable usage and emission limitations are not exceeded. Note, the amount of VOC solvent used shall be determined on a mass balance method (amount used minus amount recycled or reclaimed and minus solids).

SECTION 3. FACILITY-WIDE AND EMISSIONS UNIT SPECIFIC CONDITIONS (FINAL)

B. E.U. No. 002 - Miscellaneous VOC/HAP Emission Activities

- c. In order to demonstrate compliance with Specific Condition Nos. B.2.a. through B.2.d. the permittee shall monthly calculate and record emissions for the most recent consecutive 12-month period for all individual HAP, total HAPs, and total VOC's from the materials/products tracked by the facility tracking system, in tons as follows:

During each period from January 1 through December 31, a complete mass balance shall be conducted to determine emissions and submitted with the Annual Operating Report. The calculations for the mass balance shall be:

Emissions = Beginning Inventory + New Materials - Ending Inventory - Waste Shipped Off-Site.

For other consecutive 12-month periods the calculations may be as follows:

- Emissions = Beginning Inventory + New Materials - Ending Inventory - Waste Shipped Off-Site; or
- Emissions = New Materials - Waste Shipped Off-Site; or
- Emissions = New Materials

New Materials are defined as materials that are brought to the facility, which are used for production and contribute to VOC/HAP emissions during the most recent 12-month period.

Daily records/logs shall be compiled within fifteen (15) calendar days and monthly records/logs shall be completed by the end of the following month. All records/logs shall have sufficient information to determine compliance with the limitations of this permit. All records/logs shall be maintained at the facility for at least 3 years and made available to the Department and PCDEM upon request. Supporting documentation (MSDS sheets, "As Supplied" sheets, "As Applied" sheets, purchase orders, inventory records, production records, etc.) shall include sufficient information to determine VOC and HAP emissions, shall also be kept.

{Note: An electronic tracking and reporting system (database) may be used to satisfy the recordkeeping requirements of this condition provided that paper reports can be generated and made available for inspection by the Department and/or PCDEM upon request. The Department and/or PCDEM has the option of accepting electronic media copies of all facility records.}

[Rule 62-4.070(3), F.A.C.]

SECTION 3. FACILITY-WIDE AND EMISSIONS UNIT SPECIFIC CONDITIONS (FINAL)

C. FACILITY-WIDE CONDITIONS

- C.1. Hours of Operation: The facility is allowed to operate continuously, i.e., 8,760 hours/year. [Rule 62-210.200 (Definition of Potential to Emit), F.A.C.]
- C.2. General Pollutant Emission Limiting Standards. Objectionable Odor Prohibited: The permittee shall not cause, suffer, allow or permit the discharge of air pollutants, which cause or contribute to an objectionable odor. An "Objectionable Odor" is defined as any odor present in the outdoor atmosphere, which by itself or in combination with other odors, is or may be harmful or injurious to human health or welfare, which unreasonably interferes with the comfortable use and enjoyment of life or property, or which creates a nuisance [Rules 62-210.200 and 62-296.320(2), F.A.C.; Pinellas County Code, Section 58-178]
- C.3. Circumvention of Control Equipment: The permittee shall not circumvent any air pollution control device or allow the emissions of air pollutants without the applicable air pollution control device [common Torit cyclone collector and common HEPA filter housing control device(s)] operating properly. Increasing the volume of any exhaust stream for the purpose of reducing stack exhaust concentrations is forbidden. This includes allowing dilution air to enter the system through leaks, open vents, or similar means. [Rule 62-210.650, F.A.C.]