

NOTICE OF AIR POLLUTION PERMIT

April 17, 2014

CERTIFIED MAIL No: 7000 0600 0025 3505 9426
RETURN RECEIPT REQUESTED:

ISSUED TO:

Mr. Peter J. Adamski
Interim CFO, VP, Secretary and Treasurer
Advanced Comfort Products, Inc.
221 S. Elizabeth Street (P.O. Box 143)
Spencerville, OH 45887

Permit Number: 0250808-007-AF
Issue Date: April 17, 2014
Expiration Date: April 16, 2019

PROJECT: Advanced Comfort Products, Inc., Federally Enforceable State Operation Permit (FESOP) Renewal.
Facility Description: Facility manufactures flexible polyurethane foam and foam products.
SIC No. 3086 Plastics Foam Products (urethane and other foam products)
NAICS No. 326150 Urethane and Other Foam Product (except Polystyrene) Manufacturing.
Location: 3225 NW 107 Street, Miami, Florida 33167
Lat./Long: 25° 52' 17" N / 80° 15' 08" W

This is Permit Number 0250808-007-AF to operate an air pollution source issued by the **Miami-Dade County Department of Regulatory and Economic Resources (RER), Division of Environmental Resources Management pursuant to Chapter 24, Code of Miami-Dade County and Chapter 403.087, Florida Statutes (F.S.)**. This is a State Air Operating Permit authorizing the operation of the emissions units described in this permit.

The Florida Department of Environmental Protection (FDEP) has permitting jurisdiction under Section 403.087, Florida Statutes (F.S.). However, in accordance with Section 403.182, F.S., the FDEP recognizes the RER as the approved local air pollution control program of Miami-Dade County. Through a Specific Operating Agreement, the FDEP delegated to the RER the authority to issue or deny permits for this type of air pollution source located in Miami-Dade County.

STATEMENT OF BASIS:

This permit is issued under the provisions of **Chapter 24, Code of Miami-Dade County, Chapter 403, Florida Statutes (F.S.), and Florida Administrative Code (F.A.C.) Rules 62-4, and 62-204 through 62-297**, and in conformance with all existing regulations of the FDEP and the RER rules. 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 RER and made a part hereof and specifically described in this permit.

PERMIT CONTENTS:

- Part I -- Summary Information
- Part II -- Facility-Wide Specific Conditions
- Part III -- Emission Unit Specific Conditions
- Appendix A -- General Conditions
- Appendix B -- 40 CFR 63 Subpart A, General Provisions
- Appendix C -- 40 CFR 63 Subpart OOOOOO – National Emission Standards for Hazardous Air Pollutants for Flexible Polyurethane Foam Production and Fabrication Area Sources

PART I -- SUMMARY INFORMATION

OPERATE: This permit addresses the following air pollution emission unit(s):

Emissions Unit Number	Emissions Unit Description
003	Slabstock Foam Pourline
004	Looper Operation
005	Process Chemical Equipment Leak Fugitives
006	Tank Storage
007	Fabrication Operations
008	Rebond Process Unit
009	Process Boiler fueled by natural gas

SIGNIFICANT DATES:

- January 3, 2014: Received application and fee.
- January 22, 2014: Request for Additional Information (RAI)
- February 19, 2014: Additional Information Received.
- April 8, 2014: Received Application for Transfer of Permit.

REGULATORY CLASSIFICATION:

This facility is classified as a Synthetic Minor Non-Title V source of air pollution.

PERMIT HISTORY:

<u>Permit</u>	<u>Description</u>	<u>Issue Date</u>	<u>Exp. Date</u>
Permit 0250808-001-AC	Initial Construction Permit	10/14/1997	4/13/1998
Permit 0250808-002-AV	Initial Title V Operation Permit	12/17/1999	10/7/2001
Permit 0250808-003-AC	Construction Permit	Application Withdrawn	
Permit 0250808-004-AC	Construction Permit	7/2/2003	7/1/2004

Permit 0250808-005-AF Initial FESOP Operation Permit 12/18/2003 12/17/2008
Permit 0250808-006-AF Operation Permit Renewal 3/5/2009 3/4/2014

Standard Industrial Classification Code

Manufacturers of flexible polyurethane foam and foam products

Major Group Number	30	Plastics Foam Products
Industry Number	3086	Plastics Foam Products (urethane and other foam products)

[The corresponding North American Industry Classification System (NAICS) code number is 326150 Urethane and Other Foam Product (except Polystyrene)]

PART II -- FACILITY-WIDE SPECIFIC CONDITIONS

1.0 Administrative Requirements

- 1.1 Regulating Agencies: All applications, tests, reports, notifications, or other submittals required by this permit shall be submitted to the Miami-Dade County Regulatory and Economic Resources (RER), Division of Environmental Resources Management, Air Quality Management located at 701 NW 1 Court, Suite 400, Miami, Florida 33136.
- 1.2 Citation Format: In this permit, references to **F.A.C. Rule 62-xxx refer to rules promulgated under Title 62 of the Florida Administrative Code; references (if any) to 40 CFR 60.xx (or 61.xx or 63.xx) refer to regulations codified under Part 60 (or 61 or 63) of Title 40 of the Code of Federal Regulations.**
- 1.3 Specific and General Conditions: The owner or operator shall be subject to the specific conditions of this permit and the owner or operator shall be aware of, and operate under, the attached General Conditions, attached as Appendix A of this permit. General Conditions are binding and enforceable pursuant to Chapter 403, F.S.
[Rule 62-4.160 F.A.C.]
- 1.4 Applicable Regulations: This facility is subject to regulation of Florida Administrative Code (F.A.C.) Rules 62-4, and 62-204 through 62-297. Issuance of this permit does not relieve the facility owner or operator from compliance with any other applicable federal, state, or local permitting requirements or other regulations.
- 1.5 Waste Disposal: The owner or operator shall treat, store, and dispose of all liquid, solid and hazardous wastes in accordance with all applicable Federal, State and Local regulations.
- 1.6 Other Permits: This air pollution permit does not preclude the owner or operator from obtaining any other types of required permits, licenses or certifications from the RER or other departments or agencies.
- 1.7 Renewal of This State Permit Required: An application for renewal of this air operating permit must be submitted to the RER, Air Quality Management **at least 60 days prior** to the expiration date of this permit. To apply for renewal of an operating permit, the applicant shall submit the appropriate application form in triplicate, the appropriate application fee, all required compliance test results, and such additional information as the RER may require by law.
[Rule 62-4.030, 62-4.050, and 62-4.220 F.A.C.]

Note that public notice may be required again at the time of renewal or revision of this permit if the facility or permit is materially changed from that described by this permit.

[Rule 62-210.350(4)(a) F.A.C.]

- 1.8 **County Permit Renewal:** A request for renewal of the Miami-Dade County annual air operating permit must be submitted annually to the RER Air Quality Management on the appropriate form, **by May 31st of each calendar year**, along with the appropriate Miami-Dade County permit fee.

[Chapter 24-18, Code of Miami-Dade County]

2.0 General Pollutant Emission Limiting Standards

- 2.1 **Objectionable Odor Prohibited:** No person shall cause, suffer, allow, or permit the discharge of air pollutants, which cause or contribute to an objectionable odor.

[Rule 62-296.320(2) F.A.C.]

- 2.2 **General Visible Emissions Standard:** Unless otherwise specified by permit or rule, no person shall cause, let, permit, suffer or allow to be discharged into the atmosphere the emissions of air pollutants from any activity, the density of which is equal to or greater than 20 percent opacity at any time.

[Rule 62-296.320(4)(b) F.A.C.]

- 2.3 **Volatile Organic Compounds/Organic Solvents Emissions:**

No person shall 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 RER.

Such controls include the following:

- Tightly cover or close all VOC containers when they are not in use.
- Tightly cover all open tanks, which contain VOC when they are not in use.
- Maintain all pipes, valves, fittings, etc., which handle VOC in good operating condition.
- Confine rags used with VOC to tightly closed, fireproof containers when not in use.
- Immediately confine and clean up VOC spills and make sure wastes are placed in closed containers for reuse, recycling or proper disposal.

[Rule 62-296.320(1) F.A.C.]

- 2.4 **Unconfined Emissions of Particulate Matter:**

No person shall cause, let, permit, suffer or allow the emissions of unconfined particulate matter from any activity, including vehicular movement; transportation of materials; construction, alteration, demolition or wrecking; or industrially related activities such as loading, unloading, storing or handling; without taking reasonable precautions to prevent such emissions.

Reasonable precautions include the following:

- Paving and maintenance of roads, parking areas and yards.
- Application of water or chemicals to control emissions from such activities as demolition of buildings, grading roads, construction, and land clearing.
- Application of asphalt, water, chemicals, or other dust suppressants to unpaved roads, yards, open stock piles, and similar activities.
- Removal of particulate matter from roads and other paved areas under the control of the owner or operator of the facility to prevent reentrainment, and from buildings or work areas to prevent particulate from becoming airborne.
- Landscaping or planting of vegetation.
- Use of hoods, fans, filters, and similar equipment to contain, capture, and/or vent particulate matter.
- Confining abrasive blasting where possible.
- Enclosure or covering of conveyor systems.
- Substitution of powdery materials with granular or pelletized materials, where possible.

[Rule 62-296.320(4)(c) F.A.C.]

3.0 Operation Requirements

3.1 Circumvention: No person shall circumvent any air pollution control device, or allow the emission of air pollutants without the applicable air pollution control device operating properly.

[Rule 62-210.650 F.A.C.]

3.2 Excess Emissions: Excess emissions resulting from startup, shutdown or malfunction of any emissions unit shall be permitted providing best operational practices to minimize emissions are adhered to, and the duration of excess emissions shall be minimized but in no case exceeds two hours in any 24 hour period unless specifically authorized by the RER for longer duration. Excess emissions which are caused entirely or in part by poor maintenance, poor operation, or any other equipment or process failure which may reasonably be prevented during startup, shutdown, or malfunction shall be prohibited.

[Rule 62-210.700 F.A.C.]

4.0 Compliance Testing Requirements

4.1 Test Notification: Unless otherwise specified in this permit, the RER, Air Quality Management shall be notified in writing of expected compliance test dates (when required) at least fifteen (15) days prior to compliance testing. The notification shall include the following information: the date, time, and location of each test, and the test contact person who will be responsible for coordinating and having such test conducted for the owner.

[Rule 62-297.310(7)(a) 9 F.A.C.]

4.2 Testing at Capacity: Compliance testing (when required) shall be conducted with the emission units operating at the permitted capacity (90 to 100% of the maximum permitted operation rate of the emission units). If an emission unit is not tested at permitted capacity, the emission unit shall not be operated above 110% of the test load until a new test showing compliance is conducted. Operation of the emissions unit above 110% of the test load is allowed for no more than 15 days for the purpose of conducting additional compliance testing to regain the authority to operate at the permitted capacity.

[Rule 62-297.310(2) F.A.C.]

4.3 Special Compliance Tests: When the RER, after investigation, has good reason (such as complaints, increased visible emissions or questionable maintenance of control equipment) to believe that any applicable emission standard in Rules 62-204 through 62-297 or in a permit issued pursuant to those rules is being violated, it shall require the owner or operator of the emissions unit to conduct compliance tests which identify the nature and quantity of pollutant emissions from the emissions unit and to provide a report on the results of said tests to the RER.

[Rule 62-297.310(7)(b) F.A.C.]

5.0 Reporting and Record Keeping Requirements

- 5.1 Report Excess Emissions: In case of excess emissions resulting from malfunctions, each owner or operator shall notify the RER in accordance with Rule 62-4.130, F.A.C. (condition 5.2 below). A full written report on the malfunctions shall be submitted in a quarterly report, if requested by the RER.
[Rule 62-210.700(6) F.A.C.]
- 5.2 Report Plant Operation Problems: If the owner or operator is temporarily unable to comply with any of the conditions of the permit due to breakdown of equipment or destruction by hazard of fire, wind or by other cause, the owner or operator shall immediately notify the RER. Notification shall include pertinent information as to the cause of the problem, and what steps are being taken to correct the problem and to prevent its recurrence, and where applicable, the owner's intent toward reconstruction of destroyed facilities. Such notification does not release the owner or operator from any liability for failure to comply with the FDEP and the RER rules.
[Rule 62-4.130 F.A.C.]
- 5.3 Retain Records: All records required by this permit shall be kept by the owner or operator and made available for the RER inspection for a minimum of three (3) years from the date of such records.
[Rule 62-4.160(14)(b) F.A.C.]
- 5.4 Compliance Test Reports: Compliance test reports (when required) shall be submitted to the RER Air Quality Management, as soon as practical, but no later than 45 days after the last sampling run of each test is completed.

Test reports shall provide sufficient detail on the emissions unit tested and the test procedures used to allow the RER to determine if the test was properly conducted and the test results properly computed. Test reports, other than for an EPA Method 9 test, shall include the following information and other information as necessary to make a complete report required pursuant to F.A.C. Rule 297.310(8)(c):

- The normal type and amount of fuels used and materials processed, and the types and amounts of fuels used and material processed during each test run.
- The means, raw data and computations used to determine the amount of fuels used and materials processed, if necessary to determine compliance with an applicable emission limiting standard.
- The type of air pollution control devices installed on the emissions unit, their general condition, their normal operating parameters (pressure drops, total operating current and GPM scrubber water), and their operating parameters during each test run.
- All measured and calculated data required to be determined by each applicable test procedure for each run.
- The detailed calculations for one run that relate the collected data to the calculated emission rate.
- The applicable emission standard, and the resulting maximum allowable emission rate for the emissions unit, plus the test result in the same form and unit of measure.

[Rule 62-297.310(8)(a) &(b) F.A.C.]

- 5.5 Annual Operating Report Required: Annual Operating Report (DEP Form No. 62-210.900(5)) shall be completed each year and submitted to the Miami-Dade County, RER, Air Quality Management office or submitted electronically to the Florida Department of Environmental Protection by April 1 of the following year.
[Rule 62-210.370(3) F.A.C.]

PART III -- EMISSION UNIT SPECIFIC CONDITIONS

This part of this permit addresses the following emission units:

Emissions Unit #	Emissions Unit Description
003	<u>Slabstock Foam Pourline</u> : Using liquid carbon dioxide as the blowing agent, chemicals are combined and expand, forming blocks of flexible polyurethane foam. Methylene chloride no longer in use as the primary blowing agent.
004	<u>Looper Operation</u> : Foam buns formed in the slabstock foam pourline process are brought onto the oval-shaped looper and the ends are glued together using organic solvent-based adhesives and allowed to set. The oval conveyor is started and the bun is then trimmed in a continuous layer to a predetermined thickness using a saw blade.
005	Process Chemical Equipment Leak Fugitives
006	<u>Bulk Raw Material Storage Tanks (At 3200 NW 110 Street)</u> : Polyol #3: 5,200 gal capacity. Stores Polyol polymer (Outdoor tank) Polyol #4: 5,200 gal capacity. Stores Polyol polymer (Outdoor tank) Polyol #5: 2,700 gal capacity. Stores Polyol polymer Polyol #6: 2,700 gal capacity. Stores Polyol polymer MDI #1: 5,200 gal capacity. Stores methylene diphenyl diisocyanate (MDI) MDI #2: 2,700 gal capacity. Stores methylene diphenyl diisocyanate (MDI) (Indoor tank) MDI #3: 2,700 gal capacity. Stores methylene diphenyl diisocyanate (MDI) (Indoor tank) Oil #1: 5,000 gal capacity. Stores extender oil <u>Bulk Raw Material Storage Tanks (At 3225 NW 107 Street)</u> : TDI #1: 10,000 gal capacity. Stores toluene diisocyanate (TDI) TDI #2: 5,000 gal capacity. Stores toluene diisocyanate (TDI) Polyol #1: 10,000 gal capacity. Stores polymer Polyol #2: 5,000 gal capacity. Stores polymer Mixing Tank: 2,000 gal capacity. Stores polyol polymer (Foam Mixing System)
007	<u>Fabrication Operations</u> : Foam fabrication is the conversion of large slabstock foam buns into the sizes and shapes specified by customers. The slitter cuts the large bun into slabs of predetermined thickness. Other foam handling and cutting machines such as vertical band saws, loopers, computerized saws, and hand-cutting techniques are also used to form the desired shapes and pieces. A water-based adhesive is applied using an automatic adhesive laminator that uses rollers to the foam pieces and the pieces are fitted together, for the fabrication of multi-component mattresses. A fabric covering may also be applied using a spray adhesive station with a dedicated vent stack using water-based VOC-free adhesive. Finished pieces are then packaged for shipment. Unwanted foam pieces are sent to the rebond foam production line for making carpet underlay.
008	<u>Rebond Unit</u> : A batch process that utilizes waste flexible foam to produce carpet padding by

009	<p>steam molding a blend of shredded foam and binder solution. The process line equipment consists of raw material storage, scrap foam size reduction, foam/binder blending, molding, peeling and lamination/packaging.</p> <p><u>Process Boiler</u>: Generates steam for the rebond process, rated at 6.02 MM Btu/hr., fueled by natural gas.</p>
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- 1.0** Rule Applicability: The permittee shall comply with all applicable standards contained in 40 CFR 63 Subpart OOOOOO – National Emission Standards for Hazardous Air Pollutants for Flexible Polyurethane Foam Production and Fabrication Area Sources, and 40 CFR 60 Subpart A – General Provisions.
[40 CFR 63.11414]
- 2.0** **Emission Limiting Standards and Operation Restrictions.**
- 2.1 Visible Emissions: The permittee shall not cause, let, permit, suffer or allow to be discharged into the atmosphere the emissions of air pollutants from any activity, the opacity of which is equal to or greater than 20%.
[Rule 62-296.320(4)(b) F.A.C.; Permit 0250808-004-AC]
- 2.2 Facility Wide VOC Emissions: Emissions of volatile organic compounds (VOCs), including hazardous air pollutants “HAPs”, shall not exceed 100 tons in any consecutive 12 month period.
[Rule 62-4.070(3) F.A.C.; Permit 0250808-004-AC]
- 2.3 Facility Wide HAP Emissions: Total emissions of all hazardous air pollutants (HAPs) shall not equal or exceed 25 tons in any consecutive 12 month period.
[Rule 62-4.070(3) F.A.C.; Permit 0250808-004-AC]
- 2.4 Individual HAP Emissions: Emissions of any individual hazardous air pollutant (HAP) shall not equal or exceed 10 tons in any consecutive 12 month period.
[Rule 62-4.070(3) F.A.C.; Permit 0250808-004-AC]
- 2.5 Blowing Agent Notification: The permittee shall notify in writing, to the RER, any changes in the type and/or amount of blowing agents used in the facility. Any change in blowing agent shall be approved by the RER prior to use.
[Rule 62-4.070(3) F.A.C.]
- 2.6 Hours of Operation: The referenced emissions unit(s) may operate 24 hours/day, 7 days/week for 52 weeks/year resulting in a total of 8,760 hours per year.
[Rule 62-4.070(3) F.A.C.; Permit 0250808-004-AC]
- 2.7 Allowable Fuels: Fuel shall be limited to natural gas (Emissions Unit #9).
[Rule 62-4.070(3) F.A.C.; Permit 0250808-004-AC]
- 2.8 Slabstock Flexible Polyurethane Foam Production: For an existing slabstock polyurethane foam production affected source, the owner or operator must not use any material containing methylene chloride for any purpose in any slabstock flexible foam production process.
[40 CFR 63.11416(b)(2)]

- 2.9 **Molded Foam Production:** For an existing molded foam production affected source, the owner or operator must comply with the following:
- (1) Must not use a material containing methylene chloride as an equipment cleaner to flush the mixhead or use a material containing methylene chloride elsewhere as an equipment cleaner in a molded flexible polyurethane foam process.
 - (2) Must not use a mold release agent containing methylene chloride in a molded flexible polyurethane foam process.
- [40 CFR 63.11416(c)]
- 2.10 **Rebond Foam Production:** For an existing rebond foam production affected source, the owner or operator must comply with the following:
- (1) You must not use a material containing methylene chloride as an equipment cleaner in a rebond foam process.
 - (2) You must not use a mold release agent containing methylene chloride in a rebond foam process.
- [40 CFR 63.11416(d)]
- 2.11 **Flexible Polyurethane Foam Fabrication:** For an existing flexible polyurethane foam fabrication affected source, the owner or operator must not use any adhesive containing methylene chloride in a flexible polyurethane foam fabrication process.
- [40 CFR 63.11416(e)]

3.0 Compliance Monitoring, Testing, and Recordkeeping Requirements

3.1 Compliance Dates:

- (a) The owner or operator of an existing slabstock flexible polyurethane foam production affected source, must achieve compliance with the applicable provisions in 40 CFR 63 Subpart OOOOOO by July 16, 2008.
- (b) The owner or operator of an existing molded flexible polyurethane foam affected source, an existing rebond foam production affected sources, or an existing flexible polyurethane foam fabrication affected source, must achieve compliance with the applicable provisions in 40 CFR 63 Subpart OOOOOO by July 16, 2007.

[40 CFR 63.11415(a) & (b)]

- 3.2 **Compliance Demonstration:** The owner or operator may demonstrate compliance with the requirements in paragraphs (b)(2) and (c) through (e) of 40 CFR 63.11416 using adhesive usage records, Material Safety Data Sheets, and engineering calculations.

[40 CFR 63.11416(f)]

3.3 Compliance Requirements:

Slabstock Flexible Polyurethane Foam Production: The owner or operator must comply with paragraphs (b)(2) & (3) of 40 CFR 63.11417 as follows:

- (2) Submit a notification of compliance status report no later than 180 days after your compliance date. The report must contain this certification of compliance, signed by a responsible official, for the standards in 40 CFR 63.11416(b)(2): “This facility uses no material containing methylene chloride for any purpose on any slabstock flexible foam process.”

- (3) Maintain records of the information used to demonstrate compliance, as required in 40 CFR 63.11416(f). The owner or operator must maintain the records for 5 years, with the last 2 years of data retained on site. The remaining 3 years of data may be maintained off site.
[40 CFR 63.11417(b)(2) & (3)]

Molded Foam, Rebond and Loop Slitter Flexible Polyurethane Foam Production: The owner or operator must have a compliance certification on file by the compliance date. This certification must contain the statements in paragraph (c)(1), (2), or (3) of 40 CFR 63.11417 below, as applicable, and must be signed by a responsible official.

(1) For a molded foam Production:

- (i) “This facility does not use any equipment cleaner to flush the mixhead which contains methylene chloride, or any other equipment cleaner containing methylene chloride in a molded flexible polyurethane foam process in accordance with 40 CFR 63.11416(c)(1).”
(ii) “This facility does not use any mold release agent containing methylene chloride in a molded flexible polyurethane foam process in accordance with 40 CFR 63.11416(c)(2).”

(2) For a rebond foam Production:

- (i) “This facility does not use any equipment cleaner which contains methylene chloride in a rebond flexible polyurethane foam process in accordance with 40 CFR 63.11416(d)(1).”
(ii) “This facility does not use any mold release agent containing methylene chloride in a rebond flexible polyurethane foam process in accordance with 40 CFR 63.11416(d)(2).”

(3) For a flexible polyurethane foam fabrication containing a loop slitter: “This facility does not use any adhesive containing methylene chloride on a loop slitter process in accordance with 40 CFR 63.11416(e).”

[40 CFR 63.11417(c)]

- 3.4 Recordkeeping for Molded Foam Production, Rebond Foam and, Flexible Polyurethane Foam Fabrication: For molded foam affected sources, rebond foam affected sources, and flexible polyurethane foam fabrication affected sources containing a loop slitter, the permittee must maintain records of the information used to demonstrate compliance, as required in 40 CFR 63.11416(f). The permittee must maintain the records for 5 years, with the last 2 years of data retained on site. The remaining 3 years of data may be maintained off site.
[40 CFR 63.11417(d)]

- 3.5 VOC Content and Emissions: The owner or operator shall determine the VOC content of all materials, including solvents, and shall monitor the usage of such materials at the referenced emission unit(s), by recording and maintaining the following information:
- a. The VOC content for each material containing or emitting VOCs.
 - b. The material utilization rate on a monthly basis, for all materials containing or emitting VOCs used at the referenced emission unit(s).
 - c. The total monthly VOC emission rates for each material, calculated from the monthly material utilization rates and the VOC content, calculated for the preceding month no later than 10 days after the end of that month.
 - d. A rolling consecutive 12-month total emission rate for VOCs, calculated from the monthly totals for the previous twelve calendar months.

[Rule 62-4.070(3) F.A.C.; Permit 0250808-004-AC]

- 3.6 Individual & Total HAP Content and Emissions: The owner or operator shall determine the total and individual HAP contents of all materials, including solvents, and shall monitor the usage of such materials at the referenced emission unit(s), by recording and maintaining the following information:
- The individual and total HAP contents for each material containing or emitting HAPs.
 - The material utilization rate on a monthly basis, for all materials containing or emitting HAPs used at the referenced emission unit(s).
 - The individual and total monthly HAP emission rates for each material, calculated from the monthly material utilization rates and the individual and total HAP content, calculated for the preceding month no later than 10 days after the end of that month.
 - A rolling consecutive 12-month total emission rate for individual and total HAPs, calculated from the monthly totals for the previous twelve calendar months.

[Rule 62-4.070(3) F.A.C.; Permit 0250808-004-AC]

- 3.7 Record of Fuel Usage: The permittee shall maintain monthly records of natural gas fuel usage.

[Rule 62-4.070(3) F.A.C.; Permit 0250808-004-AC]

- 3.8 Materials Disposal Log: A materials disposal log shall be kept with the amount of chemicals manifested to recyclers, the manufacturer, or the dump.

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

- 3.9 Supporting Documentation: Supporting documentation, such as Material Safety Data Sheets, purchase orders, usage and disposal records, etc., shall be maintained and shall include sufficient information to determine compliance. The log and documents shall be kept at the facility for at least 5 years and made available to the DERM. Monthly logs shall be completed within 10 calendar days after completion of the preceding month.

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

- 3.10 Air Operation Permit Renewal: The operation permit for an emissions unit which has been shut down for six months or more prior to the expiration date of the current operation permit, shall be renewed for a period not to exceed five years from the date of shut down, even if the emissions unit is not maintained in operational condition, provided:

- The owner or operator of the emissions unit demonstrates to the RER that the emissions unit may need to be reactivated and used, or that it is the owner's or operator's intent to apply to the RER for a permit to construct a new emissions unit at the facility before the end of the extension period; and
- The owner or operator of the emissions unit agrees to and is legally prohibited from providing the allowable emission permitted by the renewed permit as an emissions offset to any other person under Rule 62-212.500, F.A.C.; and
- The emissions unit was operating in compliance with all applicable rules as of the time the source was shut down.

and;

The operation permit for an emissions unit which has been shut down for five years or more prior to the expiration date of the current operation permit shall be renewed for a maximum period not to exceed ten years from the date of shut down, even if the emissions unit is not maintained in operational condition, provided the conditions given in sub-subparagraph 62-210.300(2)(a)3.b., F.A.C., are met and the owner or operator demonstrates to the RER that failure to renew the permit would constitute a hardship, which may include economic hardship.

[Rules 62-210.300(2)(a)3.b & 62-210.300(2)(a)3.c., F.A.C.]

- 3.11 Emissions Unit No. 008 Temporary Shut Down Requirements: Equipment temporarily removed from the facility (EU No. 008) shall be brought back to the facility within one (1) year of the issuance of this air

operation permit. If the equipment will not be returned to the facility within one (1) year of issuance of this air operation permit, the owner or operator must provide a written explanation to the RER. The facility shall maintain and record specification of the equipment and the date each equipment was removed from and returned to the facility.

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

- 3.12 Emissions Unit No. 008 Equipment Return: Equipment returned to operation at the facility after the period of temporary shut down shall be the same equipment as was removed. No modifications shall be made to the removed equipment that will result in an increase of production rates or emissions. If equipment is different from what was removed, or has been modified in such a way that will result in an increase of production rate or emissions, the permittee shall obtain an air construction permit prior to re-installation and operation of that equipment.

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

Executed in Miami-Dade County, Florida.

REGULATORY AND ECONOMIC RESOURCES

H. Patrick Wong, Chief
Air Quality Management

Date

HPW/fe

Copy: Patricia Tampas, Florida Department of Environmental Protection, Southeast District Office
[Patricia.Tampas@dep.state.fl.us]

Mr. Peter J. Adamski, Advanced Comfort Products, Inc. [peter.adamski@advisoryfinancialgroup.com]

FILING AND ACKNOWLEDGMENT: FILED, on this date, pursuant to § 120.52(7), F.S., with the designated RER Clerk, receipt of which is hereby acknowledged.

Clerk

Date