August 5, 2011

CERTFIED MAIL: 7008 1830 0002 8174 9798
RETURN RECEIPT REQUESTED

PERMITTEE

Aero Kool Corporation
1495 SE 10 Avenue
Hialeah, FL 33010-5984

Authorized Representative:
Mr. Theodor H. Gregor, President

Air Permit No. 0250815-005-AC
Permit Expires: February 4, 2012

Aero Kool Corporation
Minor Source Air Construction Permit
Facility Reclassification

This is the final air construction permit No. 0250815-005-AC, which authorizes a change in facility regulatory classification from Title V major source to Non-Title V Synthetic minor source of air pollution. The proposed work will be conducted at the Aero Kool Corporation facility that overhauls aircraft air cycle and heat exchanger parts (Standard Industrial Classification No. 3728). The facility is located in Miami-Dade County at 1495 SE 10 Avenue, Hialeah, Florida 33010. The UTM coordinates are Zone 17, 543.76 km East, and 2825.85 km North.

This final permit is organized by the following sections.

Section 1. General Information

Section 2. Administrative Requirements

Section 3. 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 construction 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. This project is subject to the general preconstruction review requirements in Rule 62-212.300, F.A.C. and is not subject to the preconstruction review requirements for major stationary sources in Rule 62-212.400, F.A.C. for the Prevention of Significant Deterioration (PSD) of Air Quality.

Upon issuance of the 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 Miami-Dade County Department of Environmental Resources Management (DERM), Air Quality Management Division.

Executed in Miami-Dade County, Florida

_____ _____

H. Patrick Wong, Chief (Date)
Air Quality Management Division

CERTIFICATE OF SERVICE

The undersigned duly designated deputy agency clerk hereby certifies that this Final Air Permit package (including the Final Determination and Final Permit) was sent by Certified U.S. mail and/or 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 _____ to the persons listed below.

Theodore H. Gregor, President, Aero Kool [tgregor@aerokool.com]

Tamara Melendez, QA Director, Aero Kool [tmelendez@aerokool.com]

Antonio Mazpule, P.E., P.O. 1206, Miami, FL 33265 [amazpule@gmail.com]

Lennon Anderson, P.E., Florida Department of Environmental Protection, Southeast District Office [Lennon.Anderson@dep.state.fl.us]

Clerk Stamp

FILING AND ACKNOWLEDGMENT FILED, on this date, pursuant to Section 120.52(7), Florida Statutes, with the designated agency clerk, receipt of which is hereby acknowledged.

_____ _____

(Clerk) (Date)

FACILITY AND PROJECT DESCRIPTION

Existing Facility

The Aero Kool Corporation facility overhauls aircraft air cycle and heat exchanger parts. Operations include disassembly of parts, cleaning and degreasing, non-destructive testing (NDT), bench testing, oven baking, surface coating, and assembly. The existing facility consists of the following emissions units.

Facility ID No. 0251141	
ID No.	**Emission Unit Description**
001	**Non-Halogenated Vapor Degreasing**
003	**Paint Spray Booth/Grieve Oven**
004	**Test Bench**

Proposed Project

This project authorizes a change in facility regulatory classification from Title V major source to Non-Title V Synthetic minor source of air pollution.

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.
- The facility is a synthetic minor, non-Title V source of air pollution.

SECTION 2. ADMINISTRATIVE REQUIREMENTS

1. Permitting Authority: The permitting authority for this project is the Miami-Dade County Department of Environmental Resources Management (DERM), Air Quality Management Division. The DERM's mailing address is: 701 NW 1 Court, Suite 400, Miami, Florida 33136. The DERM's telephone number is 305/372-6925.
   All documents related to applications for permits to operate an emissions unit shall be submitted to the DERM Air Quality Management Division.

2. Compliance Authority: All documents related to compliance activities such as reports, tests, and notifications shall be submitted to the DERM Air Quality Management Division. The mailing address of the DERM Air Quality Management Division is: 701 NW 1 Court, Suite 400, Miami, Florida 33136. The DERM's telephone number is 305/372-6925.

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;
   d. Appendix D. Common Testing Requirements. (if applicable)

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, 62-297, F.A.C. and Chapter 24, Code of Miami Dade County. 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 DERM or Florida Department of Environmental Protection (FDEP) may require the permittee to conform to new or additional conditions. The DERM or FDEP shall allow the permittee a reasonable time to conform to the new or additional conditions, and on application of the permittee, the DERM or FDEP may grant additional time.
   [Rule 62-4.080, F.A.C.]

6. Modifications: The permittee shall notify the DERM upon commencement of construction. No new emissions unit shall be constructed and no existing emissions unit shall be modified without obtaining an air construction permit from the DERM. Such permit shall be obtained prior to beginning construction or modification.
   [Rules 62-210.300(1) and 62-212.300(1)(a), F.A.C.]

7. Source Obligation:
   (a) At such time that a particular source or modification becomes a major stationary source or major modification (as these terms were defined at the time the source obtained the enforceable limitation) solely by virtue of a relaxation in any enforceable limitation which was established after August 7, 1980, on the capacity of the source or modification otherwise to emit a pollutant, such as a restriction on hours of operation, then the requirements of subsections 62-212.400(4) through (12), F.A.C., shall apply to the source or modification as though construction had not yet commenced on the source or modification.
   (b) At such time that a particular source or modification becomes a major stationary source or major modification (as these terms were defined at the time the source obtained the enforceable limitation) solely by exceeding its projected actual emissions, then the requirements of subsections

62-212.400(4) through (12), F.A.C., shall apply to the source or modification as though construction had not yet commenced on the source or modification.
[Rule 62-212.400(12), F.A.C.]

8. Application for Air Operation Permit: This permit authorizes construction and/or installation of the permitted emission unit(s) and initial operation to determine compliance with the FDEP and Miami Dade County rules. **An operation permit is required for regular operation of the permitted emission units.** The owner or operator shall apply for and receive an operation permit prior to expiration of this permit. An application for an operation permit shall be submitted to the Miami-Dade County Department of Environmental Resources Management, Air Quality Management Division. To apply for an operation permit, the applicant shall submit the appropriate application fee and, in triplicate, the appropriate application form, a certification that construction was completed with a notation of any deviations from the conditions on the construction permit, compliance test results, and such additional information as the DERM may by law require.
[Rule 62-4.030, 62-4.050, 62-4.220, and 62-210.300 F.A.C.]

9. Extension of This Permit: The expiration date of this construction permit may be extended upon request of the owner or operator and submission of the appropriate fee to the Miami-Dade County, Department of Environmental Resources Management, Air Quality Management Division **at least 60 days prior** to the expiration date of this permit.
[Rule 62-4.030, 62-4.050, 62-4.070(3), and 62-4.220 F.A.C.]

10. Annual Operating Report Required: The Annual Operating Report (DEP Form No. 62-210.900(5)) shall be completed each year and submitted to the Miami Dade County, DERM, Air Quality Management Division Office or submitted electronically to the FDEP by April 1 of the following year.
[Rule 62-210.370(3) F.A.C.]

11. 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.

A. Vapor Degreaser, Paint Spray Booth/Oven & Test Bench (EU 001, 003 & 004)

This section of the permit addresses the following emissions units:

ID No.	Emissions Unit Description
001	**Non-Halogenated Vapor Degreasing Operations:** Equipment Manufacturer: Phillips Vapor Spray Model No. T-48 Tank Dimensions: 30" x 36" x 16"; equipped with tank cover and primary condenser with chilling water. Degreasing Agent: Leksol
003	**Paint Spray Booth/Grieve Oven:** One JBI Manufactured Model No. DB-88-XP Paint Spray Booth of dimensions 8' x 8' x 6' with exhaust hood 4' wide by 3' long; sixteen (16 ea.) 20" x 25" x 2"exhaust filter pads, one (1) 2 hp exhaust fan @ 2180 CFM; discharges through a 17" diameter stack venting 3' above the roofline. Oven: Grieve manufactured Model No. WRC-556-630 Electrically heated walk-in oven; 77" x 108" x 84"; equipped with a 3300 CFM recirculating blower and a 10' diameter exhaust outlet discharging to the atmosphere via a 6" diameter stack venting 3' above the roof line.
004	**Test Bench:** Fuel heater test bench. Products used are Royco 960, 140 Flash Solvent, Brayco 460 & Brayco 756 or equivalent.

OPERATIONAL REQUIREMENTS

1. **This permit supersedes all previously issued Air Construction Permits**.

2. 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.]

3. Facility Wide VOC Emissions: Emissions of volatile organic compounds (VOCs), including hazardous air pollutants "HAPs", shall not equal or exceed 100 tons in any consecutive 12-month period.
   [Rule 62-4.070(3) F.A.C.]

4. 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.]

5. Facility Wide 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.]

6. Hours of Operation: The referenced emission units(s) may operate 24 hours/day, 7 days/week for 52 weeks/year resulting in 8,760 hours in any consecutive 12-month period.
[Rules 62-4.070(3) and 62-210.200(PTE), F.A.C.]

REPORTING AND RECORDKEEPING REQUIREMENTS

7. 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.]

8. 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:

   a. The individual and total HAP contents for each material containing or emitting HAPs.
   b. The material utilization rate on a monthly basis, for all materials containing or emitting HAPs used at the referenced emission unit(s).
   c. 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.
   d. 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.]

9. Supporting Documentation: The permittee shall maintain supporting documentation, such as Material Safety Data Sheets, purchase orders, usage and disposal records, etc., and shall include sufficient information to determine compliance. The log and documents shall be kept at the facility and made available for DERM inspection for a minimum of three (3) years from the date of such records. Monthly logs shall be completed within 10 calendar days after completion of the preceding month.
[Rule 62-4.070(3) F.A.C.]