FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
CENTRAL DISTRICT
3319 MAGUIRE BOULEVARD, SUITE 232
ORLANDO, FLORIDA 32803

RICK SCOTT
GOVERNOR

CARLOS LOPEZ-CANTERA
LT. GOVERNOR

HERSCHEL T. VINYARD JR.
SECRETARY

Electronically Sent- Received Receipt Requested
hmcdonald@falconmarineusa.com

FINAL PERMIT

PERMITTEE

Falcon Marine LLC
9008 Marlin Street
Cape Canaveral, Florida 32920

Authorized Representative:
Harley C. McDonald, Managing Member

Air Permit No. 0090248-001-AC
Permit Expires: December 30, 2016
Site Name: Falcon Marine LLC
Minor Source Air Construction Permit
Project Name: Air Construction Permit

This is the initial Air Construction Permit for the facility. Falcon Marine LLC (Standard Industrial Classification No. 3732) is located in Brevard County at 5225 S. Washington Avenue in Titusville, Florida. The UTM coordinates are Zone 17, 520.04 km East, and 3157.67 km North.

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.

A person whose substantial interests are affected by the proposed permitting decision may petition for an administrative proceeding (hearing) under sections 120.569 and 120.57 of the Florida Statutes. The petition must contain the information set forth below and must be filed (received) in the Office of General Counsel of the Department at 3900 Commonwealth Boulevard, Mail Station #35, Tallahassee, Florida, 32399-3000. Petitions filed by the permit applicant or any of the parties listed below must be filed within fourteen days of receipt of this notice of final permit. Petitions filed by any persons other than those entitled to written notice under section 120.60(3) of the Florida Statutes must be filed within fourteen days of publication

of the public notice or within fourteen days of receipt of this notice of final permit, whichever occurs first. Under section 120.60(3), however, any person who asked the Department for notice of agency action may file a petition within fourteen days of receipt of that notice, regardless of the date of publication. A petitioner shall mail a copy of the petition to the applicant at the address indicated above at the time of filing. The failure of any person to file a petition within the appropriate time period shall constitute a waiver of that person's right to request an administrative determination (hearing) under sections 120.569 and 120.57 F.S., or to intervene in this proceeding and participate as a party to it. Any subsequent intervention will be only at the approval of the presiding officer upon the filing of a motion in compliance with rule 28-106.205 of the Florida Administrative Code.

All petitions filed under these rules shall contain:

(a) The name and address of each agency affected and each agency's file or identification number, if known;

(b) The name, address, and telephone number of the petitioner; the name, address, and telephone number of the petitioner's representative, if any, which shall be the address for service purposes during the course of the proceeding; and an explanation of how the petitioner's substantial interests will be affected by the agency determination;

(c) A statement of when and how the petitioner received notice of the agency decision;

(d) A statement of all disputed issues of material fact. If there are none, the petition must so indicate;

(e) A concise statement of the ultimate facts alleged, including the specific facts the petitioner contends warrant reversal or modification of the agency's proposed action;

(f) A statement of the specific rules or statutes the petitioner contends require reversal or modification of the agency's proposed action, including an explanation of how the alleged facts relate to the specific rules or statutes; and

(g) A statement of the relief sought by the petitioner, stating precisely the action petitioner wishes the agency to take with respect to the agency's proposed action.

A petition that does not dispute the material facts upon which the Department's action is based shall state that no such facts are in dispute and otherwise shall contain the same information as set forth above, as required by Rule 28-106.301 of the Florida Administrative Code.

Because the administrative hearing process is designed to formulate final agency action, the filing of a petition means that the Department's final action may be different from the position taken by it in this notice. Persons whose substantial interests will be affected by any such final decision of the Department on the application have the right to petition to become a party to the proceeding, in accordance with the requirements set forth above.

Mediation is not available in this proceeding.

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, 3900 Commonwealth Boulevard, Mail Station #35, 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 thirty days after this order is filed with the clerk of the Department.

Executed in Orange County, Florida

F. Thomas Lubozynski, P.E. — October 24, 2014
Waste & Air Resource Programs Administrator — Date

CERTIFICATE OF SERVICE

The undersigned duly designated deputy agency clerk hereby certifies that this Final Air Permit package (including 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 October 24, 2014 to the persons listed below.

Harley C. McDonald, Managing Member, hmcdonald@falconmarineusa.com
Mike Werner, Falcon Marine LLC, mwerner@falconmarineusa.com
Tom J. Mulligan, P.E., Environmental Consultant, tmulligan@mulligan-environmental.com
Jeff Rustin, P.E., FDEP – Central District, jeff.rustin@dep.state.fl.us

Clerk Stamp

FILED, on this date, pursuant to Section 120.52, Florida Statutes, with the designated Department Clerk, receipt of which is hereby acknowledged.

(Clerk) — October 24, 2014 (Date)

FACILITY AND PROJECT DESCRIPTION

Falcon Marine LLC

The proposed facility will consist of the following emissions unit.

Facility ID No. 0090248	
ID No.	Emission Unit Description
001	Fiberglass Boat Manufacturing

Project Description

This project is the Initial Air Construction Permit for the fiberglass boat manufacturing facility. The facility had a no air permit previously. The facility consists of two main buildings, the southern building and the northern building.

The southern building will be the site of lamination and gelcoating and boat assembly activities. Infusion (closed) molding will be the primary method of lamination; gelcoating will entail HVLP (High Volume Low Pressure) spray-layup. Lamination and gelcoating will take place in an enclosed 65-foot by 50-foot room inside the building. Emissions from this building are currently channeled through vents along the upper outside walls, approximately 18 to 20 feet above the ground.

The northern building will be the site of future painting and materials storage. Painting will take place in a spray booth located in a 30-foot by 82-foot enclosed booth. Initially painting will be done in the same location as lamination and gelcoating in the southern building until a spray booth is installed in the northern building.

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 a non-Title V 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 natural minor source of air pollution for volatile organic compounds (VOCs), Hazardous Air Pollutants (HAPs), and particulate matter (PM).

PERMIT HISTORY/AFFECTED PERMITS

This is the initial air construction permit for the facility. The facility had a no air permit previously.

SECTION 2. ADMINISTRATIVE REQUIREMENTS

1. Permitting Authority: The permitting authority for this project is the Florida Department of Environmental Protection, Central District, Waste & Air Resource Programs. The Central District's mailing address and phone number is:

   Florida Department of Environmental Protection
   Central District Office
   3319 Maguire Blvd., Ste. 232
   Orlando, FL 32803-3767
   Telephone: 407-897-4100

   All documents related to applications for permits shall be submitted to the above address or electronically to the following address: **DEP_CD@dep.state.fl.us**. In each document, clearly identify the Air Permit Project No. 0090248-001-AC.

2. Compliance Authority: All documents related to compliance activities such as reports, tests, and notifications shall be submitted to the Central District Compliance Assurance Program. (Use the above mailing or e-mail address.) In each document, clearly identify the Air Permit Project No. 0090248-001-AC and specific emission unit.

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. Process Flow Diagram

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.]

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. Operation Permit Application: A completed application for an initial operation permit shall be submitted to the Permitting Authority no later than 60 days prior to the expiration date of this air construction permit. To properly apply for an operation permit, the applicant shall submit the following:
   a. 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/)*;
   b. the appropriate operation permit application fee from Rule 62-4.050(4)(a), F.A.C.; and
   c. copies of the most recent two months of records/logs specified in Specific Condition No. **A.6.**

[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.]

A. EU No. 001 – Fiberglass Boat Manufacturing

This section of the permit addresses the following emission unit.

ID No.	Emission Unit Description
001	Fiberglass Boat Manufacturing

PERFORMANCE RESTRICTIONS

A.1. Restricted Operation: The hours of operation are not limited (8,760 hours per year). [Rule 62-210.200(PTE), F.A.C.]

A.2. VOC Emissions: Pursuant to Rule 62-296.320(1)(a), F.A.C., the following procedures shall be used to minimize emissions:

a. Maintain tightly fitting cover, lids, etc. on all containers of VOCs when they are not being handled, used, etc.;

b. All equipment, fittings, valve lines, pipes, drums, tanks, etc. shall be properly operated and maintained;

c. Prevent excessive air turbulence across exposed VOCs; and

d. All VOC spills shall be attended to immediately and waste properly disposed, recycled, etc.

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

A.3. Objectionable Odor Prohibited: No person shall 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(214) and 62-296.320(2), F.A.C.]

EMISSIONS STANDARDS

A.4. VOC Emission Limitations: The maximum facility-wide VOC emissions are limited as follows:

Pollutant	Emission Limits (per any consecutive 12 month period
Total Volatile Organic Compounds (VOCs)[1]	Less than 8,000 pounds/year (< 4.0 tpy)

{Permitter Notes: In Attachment 5 of the Response to RAI No. 1 to the air construction permit application, the PTE for total VOCs was 3.19 tons/year without restriction to operation hours (8,760 hours per year).}

[Rules 62-4.070(3) and 62-210.200(247), Potential to Emit, F.A.C.]

A.5. Visible Emissions Limitation: Visible emissions from each particulate emissions source are limited to less than 20 percent opacity. [Rule 62-296.320(4)(b)1., F.A.C.]

RECORDS AND REPORTS

A.6. Monthly Log: In order to demonstrate compliance with Specific Condition Nos. **A.5,** the permittee shall maintain a log at the facility for a period of at least 5 years from the date the data is recorded. The log shall be made available to the Department upon request. The log shall contain the following:

a. Facility Name, Facility ID No. (i.e., 0090248);

b. Month and year of record;

c. Most recent monthly total of resin usage (tons);

d. Most recent monthly amount of total VOCs and total HAPs emissions (tons) for both boat manufacturing and painting;

e. Most recent consecutive 12-month total of resin usage (tons); and

f. Most recent consecutive 12-month amount of total VOCs and total HAPs (tons).

Monthly logs shall be completed by the end of the following month.
[Rule 62-4.070(3), F.A.C.]

A.7. Additional Recordkeeping Requirements: Records specified in Specific Condition No. **A.6.** (previous condition) must document the method, calculations, and formulas used in determining the usage rate and the emission rate. All calculations, including those to used to derive emissions, must be clearly documented, and may be presented in the form of a template of sample calculations. The records must be available for review on site by the Department.
[Rule 62-4.070(3), F.A.C.]

A.8. Supporting Documentation: Supporting documentation (chemical usage tracking logs, "As Supplied" sheets, Safety Data Sheets, EPA data sheets, purchase orders, waste shipment/disposal records, etc.) shall be kept for each chemical and associated products which includes sufficient information to determine usage rates and emissions for a minimum of five (5) years. Supporting documentation must be made available to the Department upon request.
[Rule 62-4.070(3), F.A.C.]

A.9 Record Retention: The records required in Specific Condition No. **A.6.** shall be recorded in a permanent form suitable for inspection and made available to the Department upon request. The records shall be maintained onsite for a minimum of five (5) years.
[Rule 62-4.070(3), F.A.C.]