

Maritec Industries Incorporated  
Groveland Facility  
Facility ID No. 0694826  
Lake County

## **Title V Air Operation Permit Renewal**

Permit No. 0694826-006-AV  
(Renewal of Title V Air Operation Permit No. 0694826-005-AV)



### **Permitting Authority:**

State of Florida  
Department of Environmental Protection  
Air Resource Management, Central District  
3319 Maguire Boulevard, Suite 232  
Orlando, Florida 32803-3767  
Telephone: (407) 897-2930  
Fax: (850) 412-0455

### **Compliance Authority:**

State of Florida  
Department of Environmental Protection  
Air Resource Management, Central District  
3319 Maguire Boulevard, Suite 232  
Orlando, Florida 32803-3767  
Telephone: (407) 897-2934  
Fax: (850) 412-0455

# Title V Air Operation Permit Renewal

Permit No. 0694826-006-AV

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## ***DRAFT/PROPOSED PERMIT***

**PERMITTEE:**

Maritec Industries, Incorporated  
20150 Independence Boulevard  
Groveland, Florida 34736

Permit No. 0694826-006-AV  
Groveland Facility  
Facility ID No. 0694826  
Title V Air Operation Permit Renewal

The purpose of this permit is renew the Title V air operation permit for the above referenced facility. The existing Maritec Industries Groveland Facility is located in Lake County at 20150 Independence Boulevard, Groveland, Florida. UTM Coordinates are: Zone 17, 42.88 km East and 3168.13 km North. Latitude is: 28° 38' 22" North; and, Longitude is: 81° 48' 56" West.

The Title V air operation permit is issued under the provisions of Chapter 403, Florida Statutes (F.S.), and Florida Administrative Code (F.A.C.) Chapters 62-4, 62-210, 62-213. The above named permittee is hereby authorized to operate the facility in accordance with the terms and conditions of this permit.

Effective Date: TBD  
Renewal Application Due Date: TBD  
Expiration Date: TBD

*(Draft/Proposed)*

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Caroline Shine  
Air Program Administrator

CDS/jr/sa

## SECTION I. FACILITY INFORMATION.

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### **Subsection A. Facility Description.**

Maritec Industries' Groveland location consists of fiberglass boat building operations. The facility consists of assembly operations including resin spraying, gelcoat spraying, mold cure and preparation, solvent cleanup, wood and fiberglass cutting, shaping, grinding, painting and boat assembly operations. The entire facility is considered one emission unit for the purposes of this permit.

Also included in this permit are miscellaneous unregulated/insignificant emissions units and/or activities.

### **Subsection B. Summary of Emissions Units.**

| EU No.                           | Brief Description  |
|----------------------------------|--------------------|
| <i>Regulated Emissions Units</i> |                    |
| 001                              | Groveland Facility |

### **Subsection C. Applicable Regulations.**

Based on the Title V air operation permit renewal application received on March 14, 2012, this facility is a major source of hazardous air pollutants (HAP). The existing facility is not a PSD major source of air pollutants in accordance with Rule 62-212.400, F.A.C.

A summary of applicable regulations is shown in the following table.

| Regulation  | EU No(s). |
|---|-----------|
| 40 CFR 60, Subpart A, NESHAP General Provisions   | -001      |
| 40 CFR 63, Subpart VVVV National Emission Standards for Hazardous Air Pollutants for Boat Manufacturing | -001      |
| State Rule Citations: 62-4, 62-210.200, 62-213, 62-252, 62-296.320, and 62-297.310                      | -001      |

## SECTION II. FACILITY-WIDE CONDITIONS.

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The following conditions apply facility-wide to all emission units and activities:

**FW1. Appendices.** The permittee shall comply with all documents identified in Section IV, Appendices, listed in the Table of Contents. Each document is an enforceable part of this permit unless otherwise indicated. [Rule 62-213.440, F.A.C.]

### **Emissions and Controls**

**FW2. Not federally Enforceable. 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" means 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. [Rule 62-296.320(2) and 62-210.200(Definitions), F.A.C.]

**FW3. General Volatile Organic Compounds (VOC) Emissions or Organic Solvents (OS) Emissions.** 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. [Rule 62-296.320(1), F.A.C.]

**FW4. General Visible Emissions.** No person shall cause, let, permit, suffer or allow to be discharged into the atmosphere the emissions of air pollutants from any activity equal to or greater than 20% opacity. EPA Method 9 is the method of compliance pursuant to Chapter 62-297, F.A.C. This regulation does not impose a specific testing requirement. [Rule 62-296.320(4)(b)1, F.A.C.]

**FW5. Unconfined 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.  
[Rule 62-296.320(4)(c), F.A.C.]

### **Annual Reports and Fees**

See Appendix RR, Facility-wide Reporting Requirements for additional details.

**FW6. Annual Operating Report.** The permittee shall submit an annual report that summarizes the actual operating rates and emissions from this facility. Annual operating reports shall be submitted to the Compliance Authority by April 1<sup>st</sup> of each year. [Rule 62-210.370(3), F.A.C.]

**FW7. Annual Emissions Fee Form and Fee.** The annual Title V emissions fees are due (postmarked) by March 1<sup>st</sup> of each year. The completed form and calculated fee shall be submitted to: Major Air Pollution Source Annual Emissions Fee, P.O. Box 3070, Tallahassee, Florida 32315-3070. The forms are available for download by accessing the Title V Annual Emissions Fee On-line Information Center at the following Internet web site: <http://www.dep.state.fl.us/air/emission/tvfee.htm>. [Rule 62-213.205, F.A.C.]

**FW8. Annual Statement of Compliance.** The permittee shall submit an annual statement of compliance to the compliance authority at the address shown on the cover of this permit within 60 days after the end of each calendar year during which the Title V permit was effective. [Rules 62-213.440(3)(a)2. & 3. and (3)(b), F.A.C.]

## SECTION II. FACILITY-WIDE CONDITIONS.

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- FW9.** Prevention of Accidental Releases (Section 112(r) of CAA). If and when the facility becomes subject to 112(r), the permittee shall:
- a. Submit its Risk Management Plan (RMP) to the Chemical Emergency Preparedness and Prevention Office (CEPPO) RMP Reporting Center. Any Risk Management Plans, original submittals, revisions or updates to submittals, should be sent to: RMP Reporting Center, Post Office Box 10162, Fairfax, VA 22038, Telephone: (703) 227-7650.
  - b. Submit to the permitting authority Title V certification forms or a compliance schedule in accordance with Rule 62-213.440(2), F.A.C. [40 CFR 68]

**SECTION III. EMISSIONS UNITS AND SPECIFIC CONDITIONS.**

**Subsection A. Emissions Unit 001 Groveland Facility**

The specific conditions in this section apply to the following emissions unit(s):

| EU No. | Brief Description   |
|--------|---|
| -001   | Fiberglass boatbuilding operation; styrene based resin and gelcoat application, with associated activities including mold building/repair/maintenance, assembly, and finishing. |

- A.0. Compliance Plan. Appendix CP, Compliance Plan, is attached and part of this permit. [Rule 62-213.440(2), F.A.C.]
- A.1. Hours of Operation. This emission unit may operate continuously (8,760 hours/year). [Permit Application dated March 14, 2012 and Rule 62-210.200(PTE), F.A.C.]
- A.2. Emissions Unit Operating Rate Limitation After Testing. See the related testing provisions in Appendix TR, Facility-wide Testing Requirements. [Rule 62-297.310(2), F.A.C.]

**Emission Limitations and Standards**

- A.3. Visible Emissions. Visible emissions from this emission unit shall not exceed 20%. [Rule 62-296.320(4)(b)1, F.A.C.]
- A.4. VOC Emissions. Total VOC, total HAP, and each individual HAP emission rates shall be less than 50 tons per twelve consecutive months, updated monthly. [Permit Application dated March 14, 2012 and Rule 62-210.200 - PTE), F.A.C.]

**Test Methods and Procedures**

- A.5. Test Methods. Required tests shall be performed in accordance with the following reference methods:

| Method | Description of Method and Comments                                       |
|--------|--|
| 9      | Visual Determination of the Opacity of Emissions from Stationary Sources |

The above method is described in 40 CFR 60, Appendix A, and adopted by reference in Rule 62-204.800, F.A.C. No other methods may be used unless prior written approval is received from the Department. [Rule 62-297.401, F.A.C.]

- A.6. Common Testing Requirements. Unless otherwise specified, tests shall be conducted in accordance with the requirements and procedures specified in Appendix TR, Facility-Wide Testing Requirements, of this permit. [Rule 62-297.310, F.A.C.]
- A.7. Annual Compliance Tests. Compliance tests for visible emissions shall be performed for EU 001 annually (during each Federal fiscal year (October 1 - September 30)) to demonstrate compliance with the emission limit in Specific Condition A.3. [Rules 62-210.300(2)(a) and 62-297.310(7)(a)4.a., F.A.C.]

**Recordkeeping and Reporting Requirements**

- A.8. Reporting Requirements. See Appendix RR, Facility-Wide Reporting Requirements, for additional reporting requirements.
- A.9. Monthly Recordkeeping Requirement. In order to demonstrate compliance with Specific Condition No. A.4, the permittee shall maintain a log at the facility for a period of at least five (5) years from the date the data is recorded. The log, at a minimum, shall contain the following:

### SECTION III. EMISSIONS UNITS AND SPECIFIC CONDITIONS.

#### Subsection A. Emissions Unit 001 Groveland Facility

##### Monthly

- a. Date (month/year);
- b. Consecutive twelve-month total pounds of resin and gel coated material used;
- c. Consecutive twelve-month total of total VOC emissions;
- d. Consecutive twelve-month total of total HAP emissions and;
- e. Consecutive twelve-month total of each individual HAP emissions.

**The monthly logs shall be completed by the end of the following month.**

Note: A consecutive 12 months total is equal to the total for the month in question plus the totals for the eleven months previous to the month in question. A consecutive 12-months total treats each month of the year as the end of a 12-months period. A 12-months total is not a year-to-date total. Facilities or emission units that have not been operating for 12-months should retain 12-months totals using whatever number of months of data are available until such a time as a consecutive 12-month total can be maintained each month. Logs must document the method, calculations, and formulas used in determining the emission rate. This includes, but is not limited to, the product name, density, individual and total HAP contents, and individual and total VOC content. All calculations, including those used to derive emission credits for mass balance, must be clearly documented and may be presented in the form of a template of sample calculations, which is filed with the logs required in this specific condition and available for review on site by regulatory inspectors. [Rule 62-4.070(3), F.A.C.]

**A.10.** VOC content shall be calculated using a percent solids basis (less water and exempt solvents) for adhesives, coatings, and inks, using EPA Reference Method 24 and 24A, or the Department shall accept a certification by the coating manufacturer of the composition of the coating if it is supported by standard formulation records for catalog paints or actual batch formulation records. The manufacturer's certification shall be consistent with EPA's document number 450/3-84-019, titled, "Procedures for Certifying Quantity of Volatile Organic Compounds Emitted by Paint, Ink, and Other Coatings". The documents shall be kept at the facility for at least five years and made available to the Department. [Rules 62-4.070(3), and 62-213.440(1)(b)2., F.A.C.]

##### Other Requirements

**A.11. Federal Rule Requirements.** In addition to the specific conditions listed above, this emission unit is also subject to the applicable requirements contained in 40 CFR 60, Subpart A - General Provisions and 40 CFR 63 Subpart VVVV -National Emission Standards for Hazardous Air Pollutants for Boat Manufacturing, which are incorporated by reference and attached and part of this permit. The company will maintain records to show compliance with Subpart VVVV by any of the following three methods to comply with open molding emission limit;

- a) maximum achievable control technology model point averaging (emission averaging) option,
- b) compliant material option, or;
- c) add-on control device.

[Rule 62-204.800(1)(b)78., F.A.C. and Permit Application dated March 14, 2012]

*[Permitting Note: The facility is currently demonstrating compliance with the open molding emission limit of this applicable federal rule through either method **a** or method **b** described above.]*

**SECTION IV. APPENDICES.**

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**The Following Appendices Are Enforceable Parts of This Permit:**

Appendix A, Glossary.

Appendix CP, Compliance Plan.

Appendix I, List of Insignificant Emissions Units and/or Activities.

Appendix NESHAP, Subpart A-General Provisions.

Appendix NESHAP, Subpart VVVV-National Emission Standards for Hazardous Air Pollutants for Boat Manufacturing

Appendix RR, Facility-wide Reporting Requirements.

Appendix TR, Facility-wide Testing Requirements.

Appendix TV, Title V General Conditions.