STATEMENT OF BASIS

Sea Ray Boats
Merritt Island Facility
Facility ID No.: 0090093
Brevard County

PROPOSED Title V Permit No.: 0090093-009-AV

This Title V air operation permit renewal is issued under the provisions of Chapter 403, Florida Statutes (F.S.), and Florida Administrative Code (F.A.C.) Chapters 62-4, 62-210, and 62-213. 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 permitting authority, in accordance with the terms and conditions of this permit.

The permittee may operate the fiberglass boat production facility. The facility consists of the Merritt Island Plant, the Product and Development Engineering Plant (P.D.E.), the Sykes Creek Plant, and the Cape Canaveral Plant. The following buildings are located within the facility.

Facility Description	Sea Ray Division
1. Office & Manufacturing Building	Merritt Island Plant
2. Manufacturing Building - Fabrication	Merritt Island Plant
3. Manufacturing Building - Assembly	Merritt Island Plant
4. Sand Blast and Bottom Painting Building	Merritt Island Plant
5. Traffic Building	Merritt Island Plant
6. Traffic Maintenance Building	Merritt Island Plant
7. Resin Storage & Containment	Merritt Island Plant
8. Lamination Building	Merritt Island Plant
9. Materials Storage Building	Merritt Island Plant
10. Marina Facility	Merritt Island Plant
11. P.D.E. Offices and Fabrication	P.D.E. Plant
12. Compressor, Testing & Transformer	P.D.E. Plant
13. Materials Storage Building	P.D.E. Plant
14. Lamination Building	Sykes Creek Plant
15. Fabrication, Warehouse & Offices	Sykes Creek Plant
16. Bottom Paint Building	Sykes Creek Plant
17. Assembly Building & Offices	Sykes Creek Plant
18. Security Building	Sykes Creek Plant
19. Fuel Tanks and Containment	Sykes Creek Plant
20. Resin Storage Building	Sykes Creek Plant
21. Marina Facility	Sykes Creek Plant
22. Building 101 – Fiberglass Boat Repairs	Cape Canaveral Plant

The emissions of volatile organic compounds/organic solvents (VOC/OS) as defined in Chapter 62-213, F.A.C., from the sources at the facility shall not be equal or exceed 429.09 tons per twelve consecutive months. The facility is not subject to PSD because PSD construction permit 0090093-003-AC (PSD-FL-274) expired January 1, 2003 without the construction allowed by that permit. Subsequently a small boat repair operation was permitted at that site, the 1200 Sea Ray Drive portion of the facility, and since VOC emissions were only increased by 3.09 tons per year, PSD was not triggered. See construction permit 0090093-007-AC.

The facility is subject to 40 C.F.R. Part 63, Subpart VVVV and will comply with the subpart and maintain records to show compliance.

Based on the initial Title V permit application received June 14, 1996, this facility is a major source of hazardous air pollutants (HAPs). Also included in this permit are miscellaneous insignificant emission units and/or activities.

Department of Environmental Protection

Jeb Bush
Governor

Central District
3319 Maguire Boulevard, Suite 232
Orlando, Florida 32803-3767

Colleen M. Castille
Secretary

ELECTRONIC MAIL
jim.barclay@searay.com

Jim Barclay, General Manager
Sea Ray Boats, Incorporated
100 Sea Ray Drive
Merritt Island, FL 32953

Re: Title V Air Operation Permit
PROPOSED Permit No.: 0090093-009-AV
Boat Manufacturing Facility

Dear Mr. Barclay:

One copy of the PROPOSED PERMIT DETERMINATION for the PROPOSED Title V Air Operation Permit for the Boat Manufacturing Facility located at 100, 200, 350 and 1200 Sea Ray Drive, Merritt Island, Brevard County, Florida is enclosed. This letter is only a courtesy to inform you that the DRAFT permit has become a PROPOSED permit.

An electronic version of this determination has been posted on the Division of Air Resources Management's world wide web site for the United States Environmental Protection Agency (USEPA) Region 4 office's review. The web site address is:

http://www.dep.state.fl.us/air/eproducts/ards/default.asp

Pursuant to Section 403.0872(6), Florida Statutes, if no objection to the PROPOSED permit is made by the USEPA within 45 days, the PROPOSED permit will become a FINAL permit no later than 55 days after the date on which the PROPOSED permit was mailed (posted) to USEPA. If USEPA has an objection to the PROPOSED permit, the FINAL permit will not be issued until the permitting authority receives written notice that the objection is resolved or withdrawn.

If you have any questions, please contact Alan Zahm, P.E., at 407/894-7555.

Sincerely,

L.T. Kozlov, P.E.
Program Administrator
Air Resources Management

Date 8-28-06

LTK/jt
Enclosures
cc: Scott A. McCann, P.E. **(smccann@golder.com)**
Caroline Shine, FDEP
Barbara Friday, BAR **[Barbara.Friday@dep.state.fl.us]** (for posting with Region 4, U.S. EPA)

PROPOSED PERMIT DETERMINATION

PROPOSED Permit No.: 0090093-009-AV

I. Public Notice.

An "INTENT TO ISSUE A TITLE V AIR OPERATION PERMIT" to Sea Ray Boats, Incorporated, located at 100, 200, 350, and 1200 Sea Ray Drive, Merritt Island, Brevard County, Florida was clerked on June 23, 2006. The "PUBLIC NOTICE OF INTENT TO ISSUE A TITLE V AIR OPERATION PERMIT " was published in the **Florida Today** newspaper on July 26, 2006. The DRAFT Title V Air Operation Permit was available for public inspection at the permitting authority's office in Orlando. Proof of publication of the "PUBLIC NOTICE OF INTENT TO ISSUE A TITLE V AIR OPERATION PERMIT" was received on July 31, 2006.

II. Public Comment(s).

No comments were received during the 30 (thirty) day public comment period. Since no comments were received, the DRAFT Permit becomes the PROPOSED Permit.

III. Conclusion.

Since there were no comments received during the Public Notice period, no changes were made to the DRAFT Permit and the permitting authority hereby issues the PROPOSED Permit.

Sea Ray Boats, Incorporated
Facility ID No.: **0090093**
Brevard County

Title V Air Operation Permit Renewal

PROPOSED Permit Project No.: 0090093-009-AV

Permitting and Compliance Authority:
Department of Environmental Protection
3319 Maguire Boulevard, Suite 232
Orlando, Florida 32803
Telephone: 407/894-7555
Fax: 407/897-5963

Title V Air Operation Permit Renewal

PROPOSED Permit No.: 0090093-009-AV

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Statement of Basis

Department of Environmental Protection

Jeb Bush
Governor

Central District
3319 Maguire Boulevard, Suite 232
Orlando, Florida 32803-3767

Colleen M. Castille
Secretary

Permittee:
Sea Ray Boats, Incorporated
100 Sea Ray Drive
Merritt Island, FL 32953

Attn.: Jim Barclay, General Manager

PROPOSED Permit No.: 0090093-009-AV
Facility ID No.: 0090093
SIC Nos.: 37
Project: Title V Air Operation Permit Renewal
Boat Manufacturing Facility

The purpose of this permit is to issue Title V Air Operation Permit Renewal No. 0090093-009-AV for the Boat Manufacturing Facility at located at 100, 200, 350, and 1200 Sea Ray Drive, Merritt Island, Brevard County; UTM Coordinates: Zone 17, 531.85 km East and 3114.15 km North; Latitude: 28° 24' 22" North and Longitude: 80° 42' 08" West.

This Title V Air Operation Permit Renewal is issued under the provisions of Chapter 403, Florida Statutes (F.S.), and Florida Administrative Code (F.A.C.) Chapters 62-4, 62-210 and 62-213. The above named permittee is hereby authorized to operate the facility shown on the application and approved drawing(s), plans, and other documents, attached hereto or on file with the permitting authority, in accordance with the terms and conditions of this permit.

Referenced attachments made a part of this permit:
Appendix A-1, Abbreviations, Acronyms, Citations, and Identification Numbers
Appendix H-1, Permit History/ID Number Changes
Appendix I-1, List of Insignificant Emissions Units and/or Activities
Appendix TV-5, TITLE V CONDITIONS version dated 03/28/05
Appendix A – 40 CFR 63, Subpart A – General Provisions (applicable to boat mfg.)
Appendix VVVV – 40 CFR 63, Subpart VVVV – National Emission Standards for Hazardous Air Pollutants for Boat Manufacturing

Renewal Effective Date:	**to be determined**
Renewal Application Due Date:	**April 30, 2011**
Expiration Date:	**October 30, 2011**

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL PROTECTION

L. T. Kozlov, P.E.
Program Administrator
Air Resources Management

LTK/aze

Section I. Facility Information.

Subsection A. Facility Description.

The permittee may operate the Boat Manufacturing Facility. The facility consists of the Merritt Island Plant, the Product and Development Engineering Plant (P.D.E.), the Sykes Creek Plant and the Cape Canaveral Plant. The following buildings are located within the facility.

Facility Description	Sea Ray Division
1. Office & Manufacturing Building	Merritt Island Plant
2. Manufacturing Building - Fabrication	Merritt Island Plant
3. Manufacturing Building - Assembly	Merritt Island Plant
4. Sand Blast and Bottom Painting Building	Merritt Island Plant
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9. Materials Storage Building	Merritt Island Plant
10. Marina Facility	Merritt Island Plant
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12. Compressor, Testing & Transformer	P.D.E. Plant
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14. Lamination Building	Sykes Creek Plant
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18. Security Building	Sykes Creek Plant
19. Fuel Tanks and Containment	Sykes Creek Plant
20. Resin Storage Building	Sykes Creek Plant
21. Marina Facility	Sykes Creek Plant
22. Building 101 – Fiberglass Boat Repairs	Cape Canaveral Plant

The permittee may change the number and/or location of the stacks during the operation of the facility. However the permittee shall notify the Department within sixty (60) days of completion of construction and identify any variation in the number and/or location of stacks.

The fiberglass boat production consists of these processes.

-mold maintenance
-gelcoat application
-gelcoat holding
-lamination (resin and wood application)
-lamination holding
-parts extraction from molds
-parts cutting and grinding
-parts inspection and repair
-wood shop
-upholstery
-assembly

-test, final finish, inspection, and delivery
-repairs to existing boats

The pollution control devices for the Merritt Island Plant Wood Shop consists of a Pneumafil Reverse Air Filter baghouse.

The pollution control devices for the P.D.E. Plant Small Parts/Wood Shop consists of a Torit Dust Collector, model 30-15.

The pollution control devices for the Sykes Creek Plant Wood Shop consists of a Joe Hills Custom System, a dust collection and clean air recirculating system.

The pollution control device for the grinding operations at each of the plants, consists of a portable Dustcontrol dust collector, model DC5500 or a JBI Incorporated, or equal, permanent dust control device.

The facility is located at 100, 200, 350, and 1200 Sea Ray Drive, Merritt Island, Brevard County, Florida.

Based on the initial Title V permit application received June 14, 1996, this facility is a major source of hazardous air pollutants (HAPs).

Subsection B. Summary of Emissions Unit ID No(s). and Brief Description(s).

E.U. ID No./Brief Description
004 Merritt Island/Sykes Creek/Product and Development/Cape Canaveral Plants

Please reference the Permit No., Facility ID No., and appropriate Emissions Unit(s) ID No(s). on all correspondence, test report submittals, applications, etc.

Subsection C. Relevant Documents.

The documents listed below are not a part of this permit, however, are specifically related to this permitting action.

These documents are provided to the permittee for information purposes only:
Appendix A-1, Abbreviations, Acronyms, Citations, and Identification Numbers
Appendix H-1, Permit History/ID Number Changes
Statement of Basis

These documents are on file with permitting authority:
Initial Title V Permit Application received June 14, 1996.
Renewal Title V Permit Application received April 27, 2001
Incompleteness letter dated June 21, 2001
Additional information received September 19, 2001
Title V Permit Revision Application received May 19, 2005
Title V Permit Renewal Application received April 13, 2006.

Section II. Facility-wide Conditions.

The following conditions apply facility-wide:

1. APPENDIX TV-5, TITLE V CONDITIONS, is a part of this permit.

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

3. General Particulate Emission Limiting Standards. General Visible Emissions Standard. Except for emissions units that are subject to a particulate matter or opacity limit set forth or established by rule and reflected by conditions in this permit, 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 that designated as Number 1 on the Ringelmann Chart (20 percent opacity). EPA Method 9 is the method of compliance pursuant to Rule 62-297, F.A.C.
[Rule 62-296.320(4)(b)1. & 4., F.A.C.]

4. Prevention of Accidental Releases (Section 112(r) of CAA).

a) The permittee shall submit its Risk Management Plan (RMP) to the Chemical Emergency Preparedness and Prevention Office (CEPPO) RMP Reporting Center when, and if, such requirement becomes applicable. Any Risk Management Plans, original submittals, revisions or updates to submittals, should be sent to:

RMP Reporting Center
Post Office Box 1515
Lanham-Seabrook, MD 20703-1515
Telephone: 301/429-5018

b) The permittee shall 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]

5. Insignificant Emission Units and/or Activities. Appendix I-1, List of Insignificant Emissions Units and/or Activities, is a part of this permit.
[Rules 62-213.440(1), 62-214.430(6) and 62-4.040(1)(b), F.A.C.]

6. General Pollutant Emission Limiting Standards. 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 (VOC) or organic solvents (OS) without applying known and existing vapor emission control devices or systems deemed necessary and ordered by the Department.
[Rule 62-296.320(1)(a), F.A.C. and construction permit 0090093-007-AC]

7. Emissions of Unconfined Particulate Matter. Pursuant to Rules 62-296.320(4)(c)1., 3. & 4., F.A.C. and construction permit 0090093-007-AC, reasonable precautions to prevent emissions of unconfined particulate matter at this facility include the following requirements (see Condition 57, of APPENDIX TV-5, TITLE V CONDITIONS):

- Removal of particulate matter from Building 101 work areas by vacuum or hand sweeping to prevent particulate matter from becoming airborne

8. When appropriate, any recordings, monitoring, or reporting requirements that are time-specific shall be in accordance with the effective date of the permit, which defines day one.
[Rule 62-213.440, F.A.C.]

9. Annual Statement of Compliance. The annual statement of compliance pursuant to Rule 62-213.440(3)(a)2., F.A.C., shall be submitted to the Department and EPA within 60 (sixty) days after the end of the calendar year using DEP Form No. 62-213.900(7), F.A.C.
[Rules 62-213.440(3) and 62-213.900, F.A.C.]
{Permitting note: This condition implements the requirements of Rules 62-213.440(3)(a)2. &3., F.A.C. (see Condition 51 of APPENDIX TV-5, TITLE V CONDITIONS)}

10. The permittee shall submit all compliance related notifications and reports required of this permit to the following office:

Florida Department of Environmental Protection
3319 Maguire Blvd.
Suite 232
Orlando, Florida 32803
Telephone: 407/893-3334; Fax: 407/897-5963

11. Any reports, data, notifications, certifications, and requests required to be sent to the United States Environmental Protection Agency, Region 4, should be sent to:

United States Environmental Protection Agency
Region 4
Air, Pesticides & Toxic Management Division
Air and EPCRA Enforcement Branch
Air Enforcement Section
61 Forsyth Street
Atlanta, Georgia 30303-8960
Telephone: 404/562-9155; Fax: 404/562-9163

12. Certification by Responsible Official (RO). In addition to the professional engineering certification required for applications by Rule 62-4.050(3), F.A.C., any application form, report, compliance statement, compliance plan and compliance schedule submitted pursuant to Chapter 62-213, F.A.C., shall contain a certification signed by a responsible official that, based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete. Any responsible official who fails to submit any required information or who has submitted incorrect information shall, upon becoming aware of such failure or incorrect submittal, promptly submit such supplementary information or correct information. [Rule 62.213.420(4), F.A.C.]

13. Annual Operating Report. A DEP Form No. 62-210.900(5), "Annual Operating Report for Air Pollutant Emitting Facility", including the Emissions Report, shall be completed for each calendar year, **on or before March 1** of the following year and submitted to the air compliance section of this office. [Rule 62-210.370(3), F.A.C.]

14. Annual Emissions Fee. Each Title V source permitted to operate in Florida must pay between January 15 and March 1 of each year, upon written notice from the Department, an annual emissions fee in accordance with Rule 62-213.205, F.A.C., and the appropriate form and associated instructions. [Rules 62-213.205 and 62-213.900(1), F.A.C.]

15. Annual Emissions Fee. Any documentation of actual hours of operation, actual material or heat input, actual production amount, or actual emissions used to calculate the annual emissions fee shall be retained by the owner for a minimum of five (5) years and shall be made available to the Department upon request.
[Rule 62-213.205(1)(j), F.A.C.]

16. Annual Emissions Fee. A completed DEP Form 62-213.900(1), F.A.C., "Major Air Pollution Source Annual Emissions Fee Form", must be submitted by the responsible official with the annual emissions fee.
[Rule 62-213.205(1)(k), F.A.C.]

17. At least 180 days prior to the expiration date of this operation permit, the permittee shall submit to this office four copies of the air permit application, DEP Form No. 62-210.900(1).
[Rule 62-4.090(1), F.A.C.]

Section III. Emissions Unit(s) and Conditions.

Subsection A. This section addresses the following emissions unit(s).

E.U. ID No./ Brief Description
004 Merritt Island/Sykes Creek/Product and Development/Cape Canaveral Plants

The following conditions apply to the emissions unit(s) listed above:

Essential Potential to Emit (PTE) Parameters

A1. Capacity. The Cape Canaveral plant is subject to the following material usage/application limitations for boat repairwork:

Materials	Application Methods	Consecutive 12-Month Usage
a) Pigmented gel coats for repairs	Atomized spray	4,590 lbs
b) Production resins (filled & unfilled) for repairs	Hand lay-up and occasional non-atomized spray. Note: If resin is filled, the neat resin will contain 35% or less HAPs. Also, the neat resin to make "filled resin" is the same resin used for non-filled applications.	10,700 lbs Note: Usage poundage refers to resin weight without any filler.
c) Bonding putty fillers, putties, and gunks	Hand lay-up or other non-atomized application method.	5,900 lbs
d) Carpet & fabric adhesives	Generally use aerosol cans. (If larger containers of adhesives are used, the adhesives shall contain <5% HAPs.)	200 lbs
e) Non-HAP/non-VOC solvents (such as acetone) for cleaning equipment, wiping off resin/gelcoat from boats, prepping boats for bottom paint, and thinning gelcoats		7,050 lbs
f) Other VOC/HAP materials including: - Boat cleaners & washing solutions (such as Fantastic, 409, Spray Nine, Orpine, and other common cleaners/washing solutions); - Bottom paints; - Bottom paint-related primers for fiberglass & metal; - Catalyst for gel coats, resins, putties, and gunks; - Other adhesives, caulk, epoxies, and sealants; - VOC-containing solvents (such as Polyvinyl Alcohol Part-All #10); - Waxes, buffing & polishing compounds; and - Dyes & traces such as Dychem Blue.		12,840 lbs

[Rule 62-210.200, (PTE), F.A.C. and construction permit 0090093-007-AC]

A2. Hours of Operation. The emission unit is permitted to operate continuously.
[Rule 62-210.200, (PTE), F.A.C. and construction permit 0090093-007-AC]

Emission Limitations and Standards

A3. Visible emissions are limited to less than 20 percent opacity.
[Rule 62-296.320(4)(b)1., F.A.C.]

A4. Total emissions of volatile organic compounds (VOC), including hazards air pollutants (HAPs), shall not exceed 429.09 tons in any consecutive 12-month period.
[Rules 62-4.070(3), 62-204.800(10)(d)2., and 62-210.200 (PTE), F.A.C. and construction permits 0090093-001-AC and 0090093-007-AC]

A5. The emissions unit(s) in this subsection are subject to the applicable requirements contained in 40 C.F.R. 63, Subpart A (General Provisions) and 40 C.F.R. 63, Subpart VVVV (NESHAP for Boat Manufacturing), which are incorporated by reference and attached to this permit as Appendix A and Appendix VVVV.

Test Methods and Procedures

A6. Each particulate emission source shall demonstrate compliance with its visible emission limit in accordance with DEP Method 9 prior to permit expiration date. The test period shall be a minimum of 30 minutes or the length of the batch/cycle.
[Rules 62-297.401, 62-297.310(4)(a)2., and 62-297.310(7)(a)4.a., F.A.C.]

A7. DEP Method 9. The provisions of EPA Method 9 (40CFR60, Appendix A) are adopted by reference with the following exceptions:

a) EPA Method 9, Section 2.4, Recording Observations. Opacity observations shall be made and recorded by a certified observer at sequential fifteen second intervals during the required period of observation.
b) EPA Method 9, Section 2.5, Data Reduction. For a set of observations to be acceptable, the observer shall have made and recorded, or verified the recording of, at least 90 percent of the possible individual observations during the required observation period. For single-valued opacity standards (e.g. 20 percent opacity), the test result shall be the highest valid six-minute average for the set of observations taken. For multiple-valued opacity standards (e.g. 20 percent opacity, except that an opacity of 40 percent is permissible for not more than two minutes per hour) opacity shall be computed as follows:

1) For the basic part of the standard (i.e., 20 percent opacity) the opacity shall be determined as specified above for a single-valued opacity standard.
2) For the short-term average part of the standard, opacity shall be the highest valid short-term average (i.e., two-minute, three-minute average) for the set of observations taken.

In order to be valid, any required average (i.e., a six-minute or two-minute average) shall be based on all of the valid observations in the sequential subset of observations selected, and the selected subset shall contain at least 90 percent of the observations possible for the required averaging time. Each required average shall be calculated by summing the opacity value of each of the valid observations in the subset, dividing this sum by the number of valid observations in the subset, and rounding the result to the nearest whole number. The number of missing observations in the subset shall be indicated in parenthesis after the subset average value.
[Rule 62-297.401, F.A.C.]

A8. At least 15 days prior to the date on which each formal compliance test is due to begin, the permittee shall provide written notification of the test to the Air Resources compliance section of this office. 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 telephone number of the person conducting the test.
[Rule 62-297.310(7)(a)9, F.A.C.]

A9. Testing of emissions shall be conducted with the emissions unit operation at permitted capacity. Permitted capacity is defined as 90 to 100 percent of the maximum operation rate allowed by the permit. If it is impractical to test at permitted capacity, an emissions unit may be tested at less than the minimum permitted capacity; in this case, subsequent emissions unit operation is limited to 110 percent of the test load until a new test is conducted. Once the unit is so limited, operation at higher capacities is allowed for no more than 15 consecutive days for the purpose of additional compliance testing to regain the authority to operate at the permitted capacity.
[Rule 62-297.310(2)& (2) (b), F.A.C.]

Monitoring of Operations

A10. Determination of Process Variables.

(a) Required Equipment. The owner or operator of an emissions unit for which compliance tests are required shall install, operate, and maintain equipment or instruments necessary to determine process variables, such as process weight input or heat input, when such data are needed in conjunction with emissions data to determine the compliance of the emissions unit with applicable emission limiting standards.

(b) Accuracy of Equipment. Equipment or instruments used to directly or indirectly determine process variables, including devices such as belt scales, weight hoppers, flow meters, and tank scales, shall be calibrated and adjusted to indicate the true value of the parameter being measured with sufficient accuracy to allow the applicable process variable to be determined within 10% of its true value.
[Rule 62-297.310(5), F.A.C.]

Recordkeeping and Reporting Requirements

A11. In order to demonstrate compliance with conditions no. A1 and A4, 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 at a minimum shall contain the following:

Monthly

a) month
b) consecutive twelve month total of material usage rates
c) consecutive twelve month total of VOC emission rate

[Rules 62-4.070(3), and 62-213.440(1)(b)2., F.A.C.]

A12. Documentation of each chemical reclaimed will use a mass balance method to determine usage/emissions (the amount used minus the amount collected for disposal or recycle). The emissions calculation methods are: %total monomer = styrene + methyl methacrylate + other VOCs; Closed Molding is 1.5% of applicable monomer; Cold Press Molding is 3% of applicable monomer; supplier-provided emissions data for reactive-base adhesives and foams. Dimethyl Phthalate and organic peroxides produce negligible emissions and are not required to be included in the VOC calculations, etc. Supporting documentation (chemical usage tracking logs, MSD sheets, purchase orders, EPA "As Supplied" data sheets, EPA Method 24 and 24A, etc.) shall be kept for each chemical and associated products which includes sufficient information to determine usage rates and emissions. These records shall be made available to the Department upon request. The log and documents shall be kept at the facility for at least five years and made available to the Department. The monthly log shall be completed by the end of the following month.
[Rules 62-4.070(3), and 62-213.440(1)(b)2., F.A.C.]

A13. Reports of the required test report shall be filed with the Air Resources compliance section of this office as soon as practical but no later than 45 days after the last test is completed.
[Rules 62-297.310(8), F.A.C.]

Appendix A-1, Abbreviations, Acronyms, Citations, and Identification Numbers

Abbreviations and Acronyms:

°F:	Degrees Fahrenheit
BACT:	Best Available Control Technology
CFR:	Code of Federal Regulations
DEP:	State of Florida, Department of Environmental Protection
DARM:	Division of Air Resource Management
EPA:	United States Environmental Protection Agency
F.A.C.:	Florida Administrative Code
F.S.:	Florida Statute
ISO:	International Standards Organization
LAT:	Latitude
LONG:	Longitude
MMBtu:	million British thermal units
MW:	Megawatt
ORIS:	Office of Regulatory Information Systems
SOA:	Specific Operating Agreement
UTM:	Universal Transverse Mercator

Citations:

The following examples illustrate the methods used in this permit to abbreviate and cite the references of rules, regulations, guidance memorandums, permit numbers, and ID numbers.

Code of Federal Regulations:

Example: **[40 CFR 60.334]**

Where:	40	reference to	Title 40
	CFR	reference to	Code of Federal Regulations
	60	reference to	Part 60
	60.334	reference to	Regulation 60.334

Florida Administrative Code (F.A.C.) Rules:

Example: **[Rule 62-213, F.A.C.]**

Where:	62	reference to	Title 62
	62-213	reference to	Chapter 62-213
	62-213.205	reference to	Rule 62-213.205, F.A.C.

ISO: International Standards Organization refers to those conditions at 288 degrees K, 60 percent relative humidity, and 101.3 kilopascals pressure.

Identification Numbers:

Facility Identification (ID) Number:

Example: Facility ID No.: 1050221

Where:

105 = 3-digit number code identifying the facility is located in Polk County
0221 = 4-digit number assigned by state database.

Permit Numbers:

Example: 1050221-002-AV, or
1050221-001-AC

Where:

AC = Air Construction Permit
AV = Air Operation Permit (Title V Source)
105 = 3-digit number code identifying the facility is located in Polk County
0221 = 4-digit number assigned by permit tracking database
001 or 002 = 3-digit sequential project number assigned by permit tracking database

Example: PSD-FL-185
PA95-01
AC53-208321

Where:

PSD = Prevention of Significant Deterioration Permit
PA = Power Plant Siting Act Permit
AC = old Air Construction Permit numbering

Appendix H-1, Permit History/ID Number Changes

Sea Ray Boats
Boat Mfg. Facility

PROPOSED Permit No.: 0090093-009-AV
Facility ID No.: 0090093

Permit History (for tracking purposes):

E.U. ID No.	Description	Permit No.	Issue Date	Expiration Date	Extended Date[1, 2]	Revised Date(s)
004	Cape Canaveral Plant	0090093-008-AV	29-Dec-05	30-Oct-06		29-Dec-05
004	Cape Canaveral Plant	0090093-007-AC	07-Dec-04	15-Nov-05		
005	Plant Expansion, PSD, mod	0090093-005-AC	12-Oct-01	31-Jan-03		
004	Merritt, Sykes, PDE Plants	0090093-004-AV	03-Apr-02	30-Oct-06		
005	Plant Expansion, PSD	0090093-003-AC	11-May-00	31-Jan-03		12-Oct-01
004	Merritt, Sykes, PDE Plants	0090093-002-AV	18-Mar-98	30-Oct-01		
004	Merritt, Sykes, PDE Plants	0090093-001-AC	29-Mar-96	29-Mar-01		

This permit (0090093-001-AC) superseded the many permits previous to March 29, 1996.

Appendix I-1, List of Insignificant Emissions Units and/or Activities.

Sea Ray Boats
Boat Manufacturing Facility

PROPOSED Title V Permit No. 0090093-009-AV
Facility ID No.: 0090093

The facilities, emissions units, or pollutant-emitting activities listed in Rule 62-210.300(3)(a), F.A.C., Categorical Exemptions, are exempt from the permitting requirements of Chapters 62-210 and 62-4, F.A.C.; provided, however, that exempt emissions units shall be subject to any applicable emission limiting standards and the emissions from exempt emissions units or activities shall be considered in determining the potential emissions of the facility containing such emissions units. Emissions units and pollutant-emitting activities exempt from permitting under Rule 62-210.300(3)(a), F.A.C., shall not be exempt from the permitting requirements of Chapter 62-213, F.A.C., if they are contained within a Title V source; however, such emissions units and activities shall be considered insignificant for Title V purposes provided they also meet the criteria of Rule 62-213.430(6)(b), F.A.C. No emissions unit shall be entitled to an exemption from permitting under Rule 62.210.300(3)(a), F.A.C., if its emissions, in combination with the emissions of other units and activities at the facility, would cause the facility to emit or have the potential to emit any pollutant in such amount as to make the facility a Title V source.

The below listed emissions units and/or activities are considered insignificant pursuant to Rule 62-213.430(6), F.A.C.

Brief Description of Emissions Units and/or Activities

1. Dust collectors
2. Foam operations
3. Plant maintenance activities
4. Resin storage tanks
5. Welding equipment
6. Battery charging
7. Propane for forklifts

APPENDIX TV-5, TITLE V CONDITIONS (version dated 03/28/05)

[Note: This attachment includes "canned conditions" developed from the "Title V Core List."]

{Permitting note: APPENDIX TV-5, TITLE V CONDITIONS, is distributed to the permittee only. Other persons requesting copies of these conditions shall be provided one copy when requested or otherwise appropriate.}

Chapter 62-4, F.A.C.

1. **Not federally enforceable.** General Prohibition. Any stationary installation which will reasonably be expected to be a source of pollution shall not be operated, maintained, constructed, expanded, or modified without the appropriate and valid permits issued by the Department, unless the source is exempted by Department rule. The Department may issue a permit only after it receives reasonable assurance that the installation will not cause pollution in violation of any of the provisions of Chapter 403, F.S., or the rules promulgated thereunder. A permitted installation may only be operated, maintained, constructed, expanded or modified in a manner that is consistent with the terms of the permit.
[Rule 62-4.030, Florida Administrative Code (F.A.C.); Section 403.087, Florida Statute (F.S.)]

2. **Not federally enforceable.** Procedures to Obtain Permits and Other Authorizations; Applications.
(1) Any person desiring to obtain a permit from the Department shall apply on forms prescribed by the Department and shall submit such additional information as the Department by law may require.
(2) All applications and supporting documents shall be filed in quadruplicate with the Department.
(3) To ensure protection of public health, safety, and welfare, any construction, modification, or operation of an installation which may be a source of pollution, shall be in accordance with sound professional engineering practices pursuant to Chapter 471, F.S. All applications for a Department permit shall be certified by a professional engineer registered in the State of Florida except, when the application is for renewal of an air pollution operation permit at a non-Title V source as defined in Rule 62-210.200, F.A.C., or where professional engineering is not required by Chapter 471, F.S. Where required by Chapter 471 or 492, F.S., applicable portions of permit applications and supporting documents which are submitted to the Department for public record shall be signed and sealed by the professional(s) who prepared or approved them.
(4) Processing fees for air construction permits shall be in accordance with Rule 62-4.050(4), F.A.C.
(5)(a) To be considered by the Department, each application must be accompanied by the proper processing fee. The fee shall be paid by check, payable to the Department of Environmental Protection. The fee is non-refundable except as provided in Section 120.60, F.S., and in this section.
(b) When an application is received without the required fee, the Department shall acknowledge receipt of the application and shall immediately notify the applicant that the required fee was not received and advise the applicant of the correct fee. The Department shall take no further action until the correct fee is received. If a fee was received by the Department which is less than the amount required, the Department shall return the fee along with the written notification.
(c) Upon receipt of the proper application fee, the permit processing time requirements of Sections 120.60(2) and 403.0876, F.S., shall begin.
(d) If the applicant does not submit the required fee within ten days of receipt of written notification, the Department shall either return the unprocessed application or arrange with the applicant for the pick up of the application.
(e) If an applicant submits an application fee in excess of the required fee, the permit processing time requirements of Sections 120.60(2) and 403.0876, F.S., shall begin upon receipt, and the Department shall refund to the applicant the amount received in excess of the required fee.
(6) Any substantial modification to a complete application shall require an additional processing fee determined pursuant to the schedule set forth in Rule 62-4.050, F.A.C., and shall restart the time requirements of Sections 120.60 and 403.0876, F.S. For purposes of this subsection, the term "substantial modification" shall mean a modification which is reasonably expected to lead to substantially different environmental impacts which require a detailed review.
(7) Modifications to existing permits proposed by the permittee which require substantial changes in the existing permit or require substantial evaluation by the Department of potential impacts of the proposed modifications shall require the same fee as a new application for the same time duration except for modification under Chapter 62-45, F.A.C.
[Rule 62-4.050, F.A.C.]

Appendix A

40 CFR 63 Subpart A - General Provisions applicable to Boat Manufacturing

[SOURCE: 40 CFR 63 (7-1-96 Edition) and Federal Register revisions dated 12-17-96, 12-10-97, 5-4-98, 5-13-98, 9-21-98, 4-12-99, and 8-22-01]

§ 63.1 Applicability.

(a) *General.*

(1) Terms used throughout this part are defined in § 63.2 or in the Clean Air Act (Act) as amended in 1990, except that individual subparts of this part may include specific definitions in addition to or that supersede definitions in § 63.2.

(2) This part contains national emission standards for hazardous air pollutants (NESHAP) established pursuant to section 112 of the Act as amended November 15, 1990. These standards regulate specific categories of stationary sources that emit (or have the potential to emit) one or more hazardous air pollutants listed in this part pursuant to section 112(b) of the Act. This section explains the applicability of such standards to sources affected by them. The standards in this part are independent of NESHAP contained in 40 CFR part 61. The NESHAP in part 61 promulgated by signature of the Administrator before November 15, 1990 (i.e., the date of enactment of the Clean Air Act Amendments of 1990) remain in effect until they are amended, if appropriate, and added to this part.

(3) No emission standard or other requirement established under this part shall be interpreted, construed, or applied to diminish or replace the requirements of a more stringent emission limitation or other applicable requirement established by the Administrator pursuant to other authority of the Act (including those requirements in part 60 of this chapter), or a standard issued under State authority.

(4) The provisions of this subpart (i.e., subpart A of this part) apply to owners or operators who are subject to subsequent subparts of this part, except when otherwise specified in a particular subpart or in a relevant standard. The general provisions in subpart A eliminate the repetition of requirements applicable to all owners or operators affected by this part. The general provisions in subpart A do not apply to regulations developed pursuant to section 112(r) of the amended Act, unless otherwise specified in those regulations.

(5) [Reserved]

(6) [Reserved]

(7) Subpart D [of 40 CFR 63] contains regulations that address procedures for an owner or operator to obtain an extension of compliance with a relevant standard through an early reduction of emissions of hazardous air pollutants pursuant to section 112(i)(5) of the Act.

(8) [Reserved]

(9) [Reserved]

(10) For the purposes of this part, time periods specified in days shall be measured in calendar days, even if the word ''calendar'' is absent, unless otherwise specified in an applicable requirement.

(11) For the purposes of this part, if an explicit postmark deadline is not specified in an applicable requirement for the submittal of a notification, application, test plan, report, or other written communication to the Administrator, the owner or operator shall postmark the submittal on or before the number of days specified in the applicable requirement. For example, if a notification must be submitted 15 days before a particular event is scheduled to take place, the notification shall be postmarked on or before 15 days preceding the event; likewise, if a notification must be submitted 15 days after a particular event takes place, the notification shall be postmarked on or before 15 days following the end of the event. The use of reliable non-Government mail carriers

Appendix VVVV

40 CFR 63 Subpart VVVV - National Emission Standards for Hazardous Air Pollutants for Boat Manufacturing

What the Subpart Covers

63.5680 What is the purpose of this subpart?
63.5683 Does this subpart apply to me?
63.5686 How do I demonstrate that my facility is not a major source?
63.5689 What parts of my facility are covered by this subpart?
63.5692 How do I know if my boat manufacturing facility is a new source or an existing source?
63.5695 When must I comply with this subpart?

Standards for Open Molding Resin and Gel Coat Operations

63.5698 What emission limit must I meet for open molding resin and gel coat operations?
63.5701 What are my options for complying with the open molding emission limit?
63.5704 What are the general requirements for complying with the open molding emission limit?
63.5707 What is an implementation plan for open molding operations and when do I need to prepare one?
63.5710 How do I demonstrate compliance using emissions averaging?
63.5713 How do I demonstrate compliance using compliant materials?
63.5714 How do I demonstrate compliance if I use filled resins?

Demonstrating Compliance for Open Molding Operations Controlled by Add-on Control Devices

63.5715 What operating limits must I meet?
63.5716 When must I conduct a performance test?
63.5719 How do I conduct a performance test?
63.5722 How do I use the performance test data to demonstrate initial compliance?
63.5725 What are the requirements for monitoring and demonstrating continuous compliance?

Standards for Closed Molding Resin Operations

63.5728 What standards must I meet for closed molding resin operations?

Standards for Resin and Gel Coat Mixing Operations

63.5731 What standards must I meet for resin and gel coat mixing operations?

Standards for Resin and Gel Coat Application Equipment Cleaning Operations

63.5734 What standards must I meet for resin and gel coat application equipment cleaning operations?
63.5737 How do I demonstrate compliance with the resin and gel coat application equipment cleaning standards?

Standards for Carpet and Fabric Adhesive Operations

63.5740 What emission limit must I meet for carpet and fabric adhesive operations?

Standards for Aluminum Recreational Boat Surface Coating Operations

63.5743 What standards must I meet for aluminum recreational boat surface coating operations?
63.5746 How do I demonstrate compliance with the emission limits for aluminum wipedown solvents and aluminum coatings?
63.5749 How do I calculate the organic HAP content of aluminum wipedown solvents?
63.5752 How do I calculate the organic HAP content of aluminum recreational boat surface