

PERMITTEE:

Century Boat Company

AIRS I.D. Number: 0050061
Air Permit Number: 0050061 003 AC
Emission Unit: 005
Date of Issue: August 8, 1996
Expiration Date: August 8, 1999
County: Bay
Project: Fiberglass Boat Manufacturing

This permit is issued under the provisions of Section 403.087, Florida Statutes, and Florida Administrative Code Rules 62-296, 62-297 and 62-4. The above named applicant, hereinafter called 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 Department and made a part hereof and specifically described as follows:

Expansion of an existing fiberglass boat manufacturing facility by the addition of a new building No. 6 to manufacture up to 2,350 Personal Water Craft (PWC) per month. The PWC manufacturing line will include three spray chop booths and one gelcoat booth. Potential additional emissions associated with the expansion include up to 49.6 TPY VOCs including 43.8 TPY styrene, a Hazardous Air Pollutant (HAP). Emissions will be vented through particulate filters and discharged through four vertical 2.5' diameter stacks.

Total potential facility emissions after the expansion will include up to 98.2 TPY VOCs including 83.9 TPY styrene.

Construction shall be consistent with the construction permit application signed May 16, 1996, and additional information submitted by letter dated May 31, 1996.

Located: 6725 Bayline Drive, Bay County Industrial Park, off US 231 in Panama City

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SPECIFIC CONDITIONS:

General

1. The attached General Conditions are part of this permit. [FAC Rule 62-4.160]

Construction

2. The Department shall be notified upon commencement of construction, and within 15 days of completion of construction. [FAC Rule 62-4.070]
3. The Department shall be notified and prior approval shall be obtained of any changes or revisions made during construction. [FAC Rule 62-4.030]

Operation

4. The maximum allowable operating rate is 2350 PWC per month, or that amount of resins, gelcoat, and other materials equivalent to the allowable emissions. [FAC Rule 62-4.070]
5. The Fiberglass Boat Manufacturing may operate continuously (8760 hrs/yr). [FAC Rule 62-4.070 and construction permit application]
6. The Permittee shall equip the spray chop and gelcoat booths with draft gauge manometers and shall replace the booth filters in accordance with the booth manufacturer's recommendations. The Permittee shall identify acceptable pressure differentials for the booths with the application for the operation permit for the expansion which shall be used as surrogate compliance parameters. (FAC Rule 62-4.070 and application)
- 7 All vats, containers, etc., that are used for temporary and permanent storage of VOC/organic solvents shall be covered to prevent vaporization of VOC when not in use. All equipment, pipes, hoses, lids, fittings, etc., shall be operated/maintained in such a manner as to minimize leaks, fugitive emissions and spills of VOC materials. [FAC Rule 62-296.320(1)(a)]
8. All fugitive dust generated at this site shall be controlled by good housekeeping practices such as periodic sweeping and/or vacuuming work areas, and closing doors on windy days. [FAC Rule 62-296.320(4)(c)]

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SPECIFIC CONDITIONS:

Emissions

9. The maximum allowable emission limit for each pollutant is as follows:

Emission unit 005 (Four 2.5' diameter vertical stacks, Building No. 6, PWC Construction)

<u>Pollutant</u>	<u>FAC Rule</u>	<u>Allowable Emissions</u>
VE	62-297.620(4)	5% opacity
VOCs	62-296.320	49.6 TPY, 47.7 lbs/hour
HAPs	62-296.320	43.8 TPY, 42.1 lbs/hour

10. This source shall be operated in such a fashion so as to preclude objectionable odors. Objectionable odor is 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 pursuant to FAC Rule 62-210.200(198)

If the Department determines objectionable odors are being emitted from this facility, the Permittee shall submit within 45 days of receipt of written notification from the Department an odor remediation plan. The plan shall include, but is not limited to, the following:

1. Dispersion modeling analysis to show compliance with ambient acceptable odor threshold value(s).
2. Strategies to reduce odorous chemical utilization or emissions.
3. Modification of manufacturing production cycles.
4. Modification or manufacturing methods.
5. Modification of plant exhaust systems.

(FAC Rule 62-296.320)

Testing

11. The permittee shall maintain records of materials throughput and usage and of calculated VOC and HAP emissions including monthly totals and monthly hourly averages for a minimum of five years. The calculated HAP emissions shall identify total

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SPECIFIC CONDITIONS:

HAP emissions, styrene, and any other HAPs with emissions in excess of 1000 pounds/year. The records shall be maintained on site for a minimum of five years and made available for Department inspection. (FAC Rule 62-4.070)

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SPECIFIC CONDITIONS:

12. The permittee shall maintain records of exhaust stack manometer readings in accordance with the approved stack performance monitoring plans for a minimum of five years. The records shall be made available for Department inspection. (FAC Rule 62-4.070 and application)

Administrative

13. An annual operating report for air pollutant emitting facility, DEP Form 62-210.990(5), shall be submitted by March 1 of each year. A copy of the form and instructions may be obtained from the Department of Environmental Protection, Northwest District Air Resources Management Program, (904) 444-8364. [FAC Rule 62-210.370(3)]

14. The applicant shall retain a Professional Engineer, registered in the State of Florida, for the inspection of this project. Upon completion the engineer shall inspect for conformity to the permit application and associated documents. An application for an operation permit [Form DEP 62-210.900(1), Long Form or 62-210.900(2), Short Form, as applicable] shall be submitted with the compliance test results and appropriate fee when applicable. These are to be submitted within 75 days of completion of construction. The permittee shall obtain an operating permit for this source before the expiration of this construction permit if the permittee desires to continue operation. [FAC Rule 17-210(300)]

15. In accordance with F.A.C. Rule 62-213, a Major Air Pollution Source Annual Operation Fee Form [DEP Form 62-213.900(1) attached] must be completed and submitted with appropriate fee between January 15 and March 1 of each year. If the Department has not received the fee payment by March 1, the Department shall impose, in addition to the fee, a penalty of 50 percent of the amount of the fee, plus interest on such amount computed in accordance with s.220.807, Florida Statutes. The Department may revoke any major air pollution source operation permit if it finds that the permit holder has failed to pay timely and required annual operation license fee, penalty or interest. The completed form and appropriate fees must be submitted to the Department of Environmental Protection, Title V Annual Emissions Fee, Cashiers Office, P.O. Box 3070, Tallahassee, Florida 32351-3070.

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SPECIFIC CONDITIONS:

16. The emission unit covered by this permit is 0050061005. Please cite this number on all test reports and other correspondence specific to this permitted emission unit. [FAC Rule 62-297.310(8)]

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SPECIFIC CONDITIONS:

17 The Permittee, for good cause, may request that this construction permit be extended. Such a request with the required \$50 extension fee shall be submitted 60 days prior to the expiration date of this permit. [FAC Rule 17-4.080(3)]

18. The Department telephone number for reporting problems, malfunctions or exceedances under this permit is (904) 444-8364, day or night, and for emergencies involving a significant threat to human health or the environment is (904) 488-1320. For routine business, telephone (904) 872-4375 during normal working hours. [FAC Rule 62-4.130]

Expiration Date: August 8, 1999

Issued this /8th/ day of /August/,
1996.

STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL PROTECTION

/s/

ED K. MIDDLESWART, P.E.
Air Program Administrator

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
NOTICE OF INTENT TO ISSUE PERMIT
File Number 0050061003AC

The Department of Environmental Protection gives notice of its intent to issue a permit to Century Boat Company to expand an existing fiberglass boat manufacturing facility by adding an additional building to construct up to 2350 Personal Water Craft per month. The facility is located at 6725 Bayline Drive, in the Bay County Industrial Park off U.S. Route 231 north of Panama City. Potential additional emissions associated with the expansion include up to 49.6 TPY volatile organic compounds including 43.8 TPY styrene, a Hazardous Air Pollutant. Emissions will be vented through particulate filters and discharged through four vertical stacks.

The Department will accept written comments concerning the proposed boat building facility expansion for a period of 30 (thirty) days from the date of publication of this Notice. Written comments should be provided to the Department of Environmental Protection, 160 Governmental Avenue, Pensacola, FL 32503. Any written comments filed shall be made available for public inspection. If written comments received result in a significant change in this proposed Permit, the Department shall issue a revised proposed Permit and require, if applicable, another Public Notice.

A person whose substantial interests are affected by the Department's proposed permitting decision may petition for an administrative proceeding (hearing) in accordance with Section 120.57, 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, Tallahassee, Florida 32399-3000, within 14 days of publication of this notice. Petitioner shall mail a copy of the petition to the applicant at the address indicated above at the time of filing. Failure to file a petition within this time period shall constitute a waiver of any right such person may have to request an administrative determination (hearing) under Section 120.57, Florida Statutes.

The petition shall contain the following information; (a) The name, address, and telephone number of each petitioner, the applicant's name and address, the Department Permit File Number and the county in which the project is proposed; (b) A statement of how and when each petitioner received notice of the Department's action or proposed action; (c) A statement of how each petitioner's substantial interests are affected by the Department's action or proposed action; (d) A statement of the material facts disputed by petitioner, if any; (e) A statement of facts which petitioner contends warrant reversal or modification of the Department's action or proposed action; (f) A statement of which rules or statutes petitioner contends require reversal or modification of the Department's action or proposed action; and (g) A statement of the relief sought by petitioner, stating precisely the action petitioner wants the Department to take with respect to the Department's action or proposed action.

If a petition is filed, the administrative hearing process is designed to formulate agency action. Accordingly, 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 decision of the Department with regard to the application have the right to petition to become a party to the proceeding. The petition must conform to the requirements specified above and be filed (received) within 14 days of publication of this notice in the Office of General Counsel at the above address of the Department. Failure to petition within the allowed time frame constitutes a waiver of any right such person has to request a hearing under Section 120.57, Florida Statutes, and to participate as a party to this proceeding. Any subsequent intervention will only be at the approval of the presiding officer upon motion filed pursuant to Rule 28-5.207, F.A.C.

The application is available for public inspection during normal business hours, 8:00 a.m. to 5:00 p.m., Monday through Friday, except for legal holidays, at the Northwest District, 160 Governmental Center, Pensacola, Florida.

MEMORANDUM

TO : Ed K. Middleswart, P.E.
FROM : Andy Allen, Bob Kriegel
DATE : May 10, 2012
SUBJECT : **Evaluatory Summary for Construction Permit application from Century Boat Company, Bay County; ARMS ID no. 0050061, Application no. 0050061 003 AC**

We recommend issuing notice of intent to issue a construction permit to Century Boat Company to expand an existing fiberglass boat manufacturing facility by adding an additional building to construct up to 2350 personal water craft per month..

Process Description

Expansion of an existing fiberglass boat manufacturing facility by the addition of a new building no. 6 to manufacture up to 2350 Personal Water Craft (PWC) per month. The PWC manufacturing line will include three spray chop booths, and one gelcoat booth. Potential additional emissions associated with the expansion include up to 49.6 TPY VOCs including 43.8 TPY styrene, a Hazardous Air Pollutant (HAP).

Total potential facility emissions after the expansion will include up to 98.2 TPY VOCs including 83.9 TPY styrene.

Pollution Control Equipment

Emissions will be vented through particulate filters and discharged through four vertical 2.5' diameter stacks. Fugitive emissions will be controlled by "good housekeeping"

Applicable Rules and Regulations and Environmental Impact

A fee of \$2000 was submitted. This fee is appropriate for a subtype AC 1D application with emissions between 25 and 50 TPY.

This source is regulated in accordance with FAC Rule 62-296.320 concerning general VOC requirements, and 62-297.620(4) concerning alternate VE criteria.

This source is a major facility with styrene emissions, a HAP, in excess of 10 TPY.

Allowable and potential emissions are:

<u>Pollutant</u>	<u>FAC Rule</u>	<u>Allowable Emissions</u>	<u>Maximum Emissions (tons per year)</u>
VE	62-297.620(4)	5% opacity	
VOCs	62-296.320		49.6 TPY
HAPs	62-296.320		43.8 TPY

Site Characteristics:

Existing boat manufacturing facility in Bay County Industrial Park

Compliance Monitoring Requirements and Rationale:

Operations monitoring and record keeping to insure acceptable exhaust stack performance; record keeping of material usage to ensure compliance with VOC and HAP emissions limits.

Compliance History

Apparently satisfactory.

Additional staff notes are attached.

RVK:bkc