



Department of Environmental Protection

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Lawton Chiles
Governor

Northwest District
160 Governmental Center
Pensacola, Florida 32501-5794

JUN 09 1997

Virginia B. Wetherell
Secretary

PERMITTEE:

Fabbro Marine Group

AIRS I.D. Number: 1130163
Air Permit Number: 1130163-001-AC
Emission Units: 001
Date of Issue: June 6, 1997
Expiration Date: June 6, 2002
County: Santa Rosa
Project: Fiberglass Boat Building Facility

This permit is issued under the provisions of Section 403.087, Florida Statutes, and Florida Administrative Code Rules 62-4, 62-210, 62-296 and 62-297. 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:

Construction of a new fiberglass shop at an existing fiberglass boat assembly facility: Styrene resins are applied to molds along with fiberglass cloth to build up appropriate material thickness for hulls, decks, etc.. Forms are removed from molds and gelcoat is applied with airless spray guns. Forms are trimmed and boats are assembled at the existing final rigging shop already on site.

The new fiberglass shop building will contain the lamination area where the hulls and decks are fabricated and the gelcoat spray room where gelcoat is applied to the hulls and decks. The equipment used to apply resin and gelcoat is cleaned during the day by using acetone in both the lamination and gelcoat areas. Ventilation is effected by two exhaust fans/stacks in the gelcoat area and four in the lamination and machining areas. Styrene and other VOC are emitted uncontrolled. PM from overspray is controlled by filters on the stack intakes. The majority of the VOC emissions are expected to exit the fiberglass shop building from the gelcoat spray booth ventilating system stacks. Cutting, shaping and sanding of the fiberglass hulls, decks and parts is performed in the adjacent machining area. Fugitive particulate emissions, primarily polystyrene and glass fiber dust, from these operations are controlled by portable dust collectors and filters on the exhaust fan intakes.

The boats are then taken to the rigging shop in the existing building on site to be assembled and outfitted with hardware, controls and motors as required by clients.

Located: 5552 Industrial Boulevard, Santa Rosa Industrial Park, NE of Milton

1130163-001-AC

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SPECIFIC CONDITIONS:

General

1. The attached General Conditions are part of this permit. [FAC Rule 62-4.160]
2. Satisfactory ladders, platforms and other safety devices as well as necessary parts shall be provided/made available to facilitate an adequate inspection program. [FAC Rule 62-297.310(6)]

Construction

3. The Department shall be notified upon commencement of construction. The Department shall be notified and prior approval shall be obtained of any changes or revisions made during construction. Projects beyond one year require annual status reports. [FAC Rule 62-4.030, FAC Rule 62-4.070]

Operation

4. The Fiberglass Boat Building Facility may operate continuously, i.e., 8760 hrs/yr, based on 24 hours/day, 7 days/week and 52 weeks per year. [FAC Rule 62-4.070 and construction permit application]
5. 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)]
6. Exhaust stack filters are to be inspected daily and properly maintained or replaced as needed to prevent excessive dust buildup from compromising exhaust fan operation. [FAC Rule 62-4.070, letter of May 8, 1997]

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Emissions

7. All fugitive dust generated at this site shall be adequately controlled by good housekeeping practices such as proper maintenance of exhaust fan filters, usage of portable dust collectors, usage of dust suppressing chemicals in work areas, periodic sweeping and/or vacuuming of work areas, protecting dust containers from wind and closing doors on windy days as needed. [FAC Rule 62-296.320(4), application modification received May 7, 1997 and letter of May 8, 1997]

8. No objectionable odors shall be allowed off plant property. If the Department determines the facility is emitting objectionable odors, the Permittee shall submit an odor remediation plan within 45 days of receipt of written notification from the Department. The plan shall include, but not be limited to, dispersion modeling analysis, strategies to reduce odorous chemicals utilization, and modifications of manufacturing production cycles, manufacturing methods and/or plant exhaust systems. [FAC Rule 62-296.320(2)]

9. General plant-wide visible emissions shall not be equal to, or greater than, 20% opacity. [FAC Rule 62-296.320(4)] Visible emissions from the gelcoat spray booth and resin lay-up area stacks and the machining area stacks shall not be greater than 5% opacity. This self-imposed limit is in exchange of waiver of particulate testing. [Permittee request, construction permit application] *FAC 297.310 (7)(c)*

Testing

10. Visible emissions tests are required to show compliance with the standards of the Department. The test results must provide reasonable assurance that the source is capable of compliance at the permitted maximum operating rate. [FAC Rule 62-4.070] The tests shall be conducted according to DEP Method 9 for one half hour on the one stack out of the six judged to have the highest visible emissions. Such tests shall be scheduled within 30 days after construction is completed. The Department shall be notified at least 15 days prior to testing to allow witnessing. Results shall be submitted to the Department within 45 days after testing.

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Test reports shall comply with F.A.C. Rule 62-297.310, Test Reports. The Department can require special compliance tests in accordance with F.A.C. Rule 62-297.310(7). Other test methods and alternate compliance procedures may be used only after prior Departmental approval has been obtained in writing.

Testing of emissions shall be conducted with the source operating at capacity. Capacity for this facility is defined as one spray gun operating in the gelcoat area, one chopper gun operating in the lay-up area and three sanders/grinders operating in the machining area. [FAC Rule 62-297.310(2)]

Administrative

11. 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]

12. 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 a Title V operation permit 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 submit a Title V operating permit application for this source within 75 days of completion of construction if the permittee desires to continue operation. [FAC Rule 62-210(300)]

13. In accordance with F.A.C. Rule 62-213, a Major Air Pollution Source Annual Operation Fee Form [DEP Form 62-213.900(11) 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 (Facility I.D. Number), 3900 Commonwealth Boulevard, Tallahassee, Florida 32399-3000.

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SPECIFIC CONDITIONS:

14. The emission unit covered by this permit is:

001 Fiberglass Shop Exhaust Stacks for Fiberglass boat building, including the following segments:

- 30800730 Resin spray lay-up
- 30800722 Gelcoat Spray-on
- 30800723 Resin hand lay-up, roll-on
- 30800701 Drilling, sanding and sawing of boat hulls
- 30800703 Solvent consumption

Please cite the appropriate emission unit number on all test reports and other correspondence specific to a permitted emission unit. [FAC Rule 62-297.310]

15. 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) 413-9911. For routine business, telephone (904) 444-8364 during normal working hours. [FAC Rule 62-210.700]

Expiration Date:

Issued this 6th day of SUN, 1997.

STATE OF FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION

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