



POLYESTER RESIN PLASTIC PRODUCTS FABRICATION



COMPLIANCE INSPECTION CHECKLIST

INSPECTION TYPE: ANNUAL (INS1, INS2) ☒ COMPLAINT/DISCOVERY (CI) ☐
RE-INSPECTION (FUI) ☐ ARMS COMPLAINT NO:

AIRS ID#: 1150152 **DATE:** 07/31/2009 **ARRIVE:** ~11:00 am **DEPART:** ~11:40 am
FACILITY NAME: RIVOLTA YACHTS
FACILITY LOCATION: 2188 51st St
SARASOTA 34234-3115
OWNER/AUTHORIZED REPRESENTATIVE: DAVID SCHEER **PHONE:** (941)359-6590
CONTACT NAME: Bob Delonh **PHONE:**
ENTITLEMENT PERIOD: 10/20/2006 / 10/20/2011
(effective date) (end date)

PART I: INSPECTION COMPLIANCE STATUS (check ☒ only one box)

☒ IN COMPLIANCE ☐ MINOR Non-COMPLIANCE ☐ SIGNIFICANT Non-COMPLIANCE

PART II: CONTROL TECHNOLOGY/RECORDKEEPING REQUIREMENTS – Rule 62-210.300, F.A.C.

(check ☒ appropriate box(es))

1. Does the facility operate any emissions units other than the polyester resin plastic products fabrication units and emissions units which are exempt from permitting pursuant to the criteria of paragraph 62-210.300(3)(a) or (b), F.A.C., or have been exempted from permitting under Rule 62-4.040, F.A.C.? (Rule 62-210.300(3)(c)5.a., F.A.C.)----- ☒ Yes ☐ No
2. Does the facility comply with the objectionable odor prohibition of subsection 62-296.320(2), F.A.C. and not cause, suffer, allow or permit the discharge of air pollutants which cause or contribute to an objectionable odor?----- ☒ Yes ☐ No
3. Does the combined quantity of styrene containing resin and gel-coat used exceed 76,000 pounds (38 tons) in any consecutive twelve month period? (Chapter 62-210.300(3)(c)5.c., F.A.C.)----- ☐ Yes ☒ No
4. Does the owner/operator of the facility maintain records to document the quantity of resin and gel-coat used on a monthly basis? (Chapter 62-210.300(3)(c)5.d., F.A.C.)----- ☒ Yes ☐ No
5. Does the owner/operator retain, and make available for Department inspection, these records for a period of at least five years? (Chapter 62-210.300(3)(c)5.d., F.A.C.)----- ☒ Yes ☐ No
6. Is this polyester resin plastic products fabrication activity subject to a volatile organic compound (VOC) Reasonably Available Control Technology (RACT) emission limiting standard of Chapter 62-296.500, F.A.C.? (Rule 62-210.300(3)(c)5.b., F.A.C.)----- ☐ Yes ☒ No

PART III: CONTROL/OPERATING/MAINTENANCE REQUIREMENTS – Rule 62-210.300, F.A.C.

(check ☒ appropriate box(es))

1. Does the owner or operator voluntarily encourage pollution prevention through such measures as training employees involved in product fabrication on methods of reducing evaporative losses by:
 - a) lessening the exposure of fresh resin surfaces to the air?----- ☒ Yes ☐ No
 - b) maintaining spray lay-up equipment to ensure effective application with a minimum of overspray? ☒ Yes ☐ No
 - c) monitoring the coating thickness to avoid excessive resin/get coat application?----- ☒ Yes ☐ No
 - d) implementing inventory control practices to prevent spillage?----- ☒ Yes ☐ No
 - e) managing cleanup solvents?----- ☒ Yes ☐ No
2. Does the owner or operator make every reasonable effort to conduct the specific activity authorized by the general permit in a manner that minimizes adverse effects on adjacent property or on public use of the adjacent property, where applicable, and on the environment, including fish, wildlife, natural resources, water quality, or air quality?----- ☒ Yes ☐ No
3. Does the owner or operator maintain the permitted facility, emission unit, or activity in good condition?-- ☒ Yes ☐ No

PART IV: SPECIAL CONDITIONS AND PROCEDURES – Rule 62-210.300(d)4., F.A.C.

(check ☒ appropriate box(es))

A. New or Modified Process Equipment

1. Since the last inspection has there been
 - a) installation of any new process equipment?----- ☐ Yes ☒ No
 - b) alterations to existing process equipment without replacement?----- ☐ Yes ☒ No
 - c) replacement of existing equipment substantially different than that noted on the most recent notification form?----- ☐ Yes ☒ No
 - d) If you answered **YES** to any of the above, did the owner submit a new and complete notification form and appropriate fee (Rule 62-4.050, F.A.C.) to the appropriate DEP or local program office?----- ☐ Yes ☒ No

Susan Cameron, ESIII, and Michael Storing, ESIII

07/31/2009

Inspector's Name (Please Print)

Date of Inspection

~2011

Inspector's Signature

Approximate Date of Next Inspection

COMMENTS: INS 2. Boats are ~41' in length; some are 38" some are 45". They have not built a new boat on-site since ~January 2009. The building is divided into two separate work areas: (1) shop area for fiberglass, and (2) finishing area (e.g., electrical, cabinet, carpet, etc.).
In MArch/ April 2009, they began utilizing an injection molding type process known as Vacuum Infusion to make the hulls. The process is:
1. Layup fiberglass dry mesh material onto mold;
2. Bag and completely seal hull;
3. Pull a vacuum of 27" H2O and inject resin at other end of bag.
The vacuum will pull the bag completely tight around the hull -> pull the resin through the fiberglass mat material to the end opposite of injection.
This process minimizes surface to air exposure and minimizes emissions of VOCs; considered a control technology.
The decks are still made using the open mold process.
55 gallon drum Alpha Coat 1711 by FibreGlass Evercoat a division of Illinois Tool World, Inc., 6600 Cornell Rd., Cincinnati, OH 45242; 513-348-7600; Coating solution UN1139.
Bob Delong to send copies of purchase records of styrene containing resin/ gelcoat for consecutive 12-month period to put in the file. NOTE: these records are on-site.

