



# REINFORCED POLYESTER RESIN OPERATIONS



## COMPLIANCE INSPECTION CHECKLIST

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

**AIRS ID#:** 1150152 **DATE:** 1/15/13 **ARRIVE:** 11:00 **DEPART:** 12:00  
**FACILITY NAME:** RIVOLTA YACHTS  
**FACILITY LOCATION:** 2188 51ST ST  
 SARASOTA 34234-3115  
**OWNER/AUTHORIZED REPRESENTATIVE:** DOUGLAS BOYER **PHONE:** (941)359-6590  
**Email:** DBOYER@RIVOLTAMARINE.COM **Mobile:**  
**CONTACT NAME:** DOUGLAS BOYER **PHONE:** (941)359-6590  
**Email:** DBOYER@RIVOLTAMARINE.COM **Mobile:**  
**ENTITLEMENT PERIOD:** 10/16/2011 / 10/16/2016  
 (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))

- 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
- 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
- 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
- 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
- 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
- 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(4)(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

//s//Michael Storino

1/15/2013

Inspector's Name (Please Print)

Date of Inspection

Inspector's Signature

Approximate Date of Next Inspection

**COMMENTS:** INS 2. Facility is currently not using the Vacuum Infusion method as it is used exclusively for large vessels. They are currently using the open mold proces for smaller vessels using spray and roll on process for applying gel-coat and resin. The building is divided into two separate work areas: (1) shop area for fiberglass, and (2) finishing area (e.g., electrical, cabinet, carpet, etc.). Facility currently does not take reasonable precautions to minimize emissions and objectionable odors from the facility. When applying resin and gelcoat, the facility keeps the bay doors open and uses a side venting exhaust fan. The operations manager, Douglas Boyer, stated they did this at the request of the Fire Marshal several years ago when they first began operation. They have since installed intrinsically safe devices throughout the application area and are willing to shut the bay doors if needed. Michael Storino spoke with Don Damron, a Fire Safety Inspector with Sarasota County and he stated there should not be an issue with keeping the bay doors shut and minimizing venting to the ambient air. Reviewed purchase records of styrene containing resin/gelcoat for 12 consecutive month period. Total purchase and usage approximately 29k lbs.