



# REINFORCED POLYESTER RESIN OPERATIONS



## COMPLIANCE INSPECTION CHECKLIST

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

**AIRS ID#:** 0951251 **DATE:** 11/13/12 **ARRIVE:** 10:41 AM **DEPART:** 11:07 AM  
**FACILITY NAME:** UNLIMITED MARBLE  
**FACILITY LOCATION:** 4268 Seaboard Rd  
 ORLANDO 32808-3842  
**OWNER/AUTHORIZED REPRESENTATIVE:** DAVID PHERAI JR **PHONE:** (407)290-9385  
**Email:** **Mobile:**  
**CONTACT NAME:** MARYANNE PHERAI **PHONE:**  
**Email:** **Mobile:**  
**ENTITLEMENT PERIOD:** 9/9/2006 / 9/9/2011 **Facility may be operating without Entitlement!**  
 (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

Norma Ali

11/13/12

Inspector's Name (Please Print)

Date of Inspection

12/31/2013

Inspector's Signature

Approximate Date of Next Inspection

**COMMENTS:** The Inspector Norma Ali, met with Mrs. Mary Anne Pherai and Mr. David Pherai, owners of Unlimited Marble, and conducted a walkthrough of the facility and reviewed the resin and gel coat records for the period of November 2011 to October 2012. The records are kept on site, and appeared complete and up to date. Resin and gelcoat usages combined, totaled ~9.6 tons/yr, this is below the permit limit of 142 tons/yr.

During the walkthrough, the inspector observed one gelcoat spray boot, with stack, the filters are changed on as needed basis. At the end of the room, the inspector observed another room with 3employees sanding three different products. This room has a rolling door, facing the back of the facility, this was all the way open. The inspector observed a cloud of dust in the room, with the potential of leaving the property. The inspector mentioned to Mr. Pherai and he said they have 3 dust collectors and asked one of his employees to use them. Mixing buckets are cleaned with Thermaclean (marble wash, pot washer fluid), they also use a catalyst, MSDS was provided. Waste is picked up by Environmental Enterprise Co. or PERMAFIX.

According to Mrs. Pherai, business are slow. They are working granite more than in culture marble.

The inspector made them aware that their permit has expired, and told them they have to fill out the permit renewal form, and submit it, as soon as possible. Mrs. Pherai, said she was going to take care of that, the same day. According to ARMS data, the new application was received on 11/16/12. No PM was observed leaving the property, no objectionable odor was noted.

