



CAST POLYMER OPERATIONS



COMPLIANCE INSPECTION CHECKLIST

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

AIRS ID#: 0951251 **DATE:** 6/17/09 **ARRIVE:** 08:50 **DEPART:** 09:15

FACILITY NAME: UNLIMITED MARBLE

FACILITY LOCATION: 4268 Seaboard Rd.
 ORLANDO 32808-3842

OWNER/AUTHORIZED REPRESENTATIVE: Winston Pherai **PHONE:** (407)658-2509

CONTACT NAME: **PHONE:**

ENTITLEMENT PERIOD: 9/9/2006 / 9/9/2011
 (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))

- Does the facility operate any emissions units other than the cast polymer operations 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)6.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 284,000 pounds (142 tons) in any consecutive twelve month period? (Chapter 62-210.300(3)(c)6.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)6.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)6.d., F.A.C.)----- Yes No
- Is this cast polymer operation 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)6.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

Assefa Hailemariam

6/17/2009

Inspector's Name (Please Print)

Date of Inspection

~6/2010

Inspector's Signature

Approximate Date of Next Inspection

COMMENTS: The inspector Mr. Assefa Hailemariam met with Mr. Winston Pherai, the owner at the facility, for Unlimited Marble Company on June 17, 2009. Mr. Pherai provided the inspector with a walk-through of the facility. The facility is operating the resin and gel coat production for marble works industry. I observed that there were two booths for grinding and the gel coat spraying area. Booths equipped with particulate Filters and dust collector. Production or the mixing area was not operating, at 100 percent capacity during the inspection. No leaks or spills were observed during our walk through of the facility and all containers were covered. Moderate odors were present in the mixing area. According Mr. Pherai odors come from Styrene and acetone products. Mr. Pherai provided the data logs from 2008 to the present on a hard copy. The records shows the highest consecutive 12-month rolling combined Resin and gel coat usages totaled at 10.603 TPY. This is below the 142 TPY limit of the permit. The facility appears to be in good operating condition. No unconfined PM emission observed and moderate odor was detected in the mixing area only.