



CAST POLYMER OPERATIONS

COMPLIANCE INSPECTION CHECKLIST



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

AIRS ID#: 0951270 **DATE:** 8/24/07 **ARRIVE:** 9:20 AM **DEPART:** 11:00 AM

FACILITY NAME: MILLENIUM CULTURED MARBLE

FACILITY LOCATION: 4249 LB MCLEOD
ORLANDO

RESPONSIBLE OFFICIAL: Dave Patel, Owner **PHONE:** (407)832-8836

CONTACT NAME: Elizabeth Rodriguez, Administrative Assistant **PHONE:** (407)236-0132

REMITTANCE YEAR: 2007 **ENTITLEMENT PERIOD:** 3/11/2004 / 3/11/2009
(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 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
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 284,000 pounds (142 tons) in any consecutive twelve month period? (Chapter 62-210.300(3)(c)6.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)6.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)6.d., F.A.C.)----- Yes No
6. 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

Norma Ali

8/24/07

Inspector's Name (Please Print)

Date of Inspection

8/24/08

Inspector's Signature

Approximate Date of Next Inspection

COMMENTS: Norma Ali met with Elizabeth Rodriguez, Administrative Assistant for Millenium Cultured Marble, Mr. Patel (owner) was not present at the time of inspection. Records audit and walkthrough was conducted on August 24, 2007.

This facility makes cast polymer products using polyester resin and clear gelcoat. They use a closed molding process. They set their molds and products on a series of elevated rollers in their manufacturing areas, this allows them to quickly move products through their shop, from one area to another. They have a production line set up to mix the resin and marble dust, spray gelcoat on the molds, put resin in the molds, run the product through a heater to reduce cure time, and polish the product after it is removed from the molds.

They have one spray booth at the end of the working area, which was in operation at the time of inspection, and a cutting booth. These two booths are semi-enclosed, and their filters are changed on monthly basis.

Fridays before 4 pm, working areas are cleaned up. No objectionable odors or PM leaving the property was noted.

The records provided today list each time resin, gelcoat and styrene was purchased thru 2006 and 2007. The combined quantity of styrene-containing resin and gel coat used in the last consecutive twelve months from August 2006 to July 2007 is 60,874 Lbs (30.44 Tons), which is below permit limit of 284,000 pounds (142 Tons) in any consecutive twelve (12) months.