



# POLYESTER RESIN PLASTIC PRODUCTS FABRICATION



## COMPLIANCE INSPECTION CHECKLIST

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

<b>AIRS ID#:</b> 1030497	<b>DATE:</b> <u>2/6/2007</u>	<b>ARRIVE:</b> <u>2:00PM</u>	<b>DEPART:</b> <u>3:00PM</u>
<b>FACILITY NAME:</b> STM INDUSTRIES			
<b>FACILITY LOCATION:</b> 379 E. Douglas Road OLDSMAR 34677			
<b>RESPONSIBLE OFFICIAL:</b> FALCO WITKAMP		<b>PHONE:</b> (813)854-3544	
<b>CONTACT NAME:</b> FA:CP WITKAMP		<b>PHONE:</b> (	
<b>REMITTANCE YEAR:</b> 2006	<b>ENTITLEMENT PERIOD:</b> 12/23/2006 / 12/23/2011 (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 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

Shea L. Jackson

2/6/2007

Inspector's Name (Please Print)

Date of Inspection

2008

Inspector's Signature

Approximate Date of Next Inspection

**COMMENTS:** Comments: The highest reported consecutive twelve-month total was unavailable. The total for the months of September 2006 through January 2007 = 21,706 lbs. I advised Mr. Witkamp, that I feel that he is going to be close to exceeding the general permit, material usage limitation of 38 tons. Mr. Witkamp has submitted a polyester resin plastic products fabrication Air General Permit notification copy to FDEP on 9/29/2006. (See copy of gp in file) - Kennemer Marketing Group, LLC's Polyester Resin Plastic Products Fabrication general permit became effective on December 23, 2006. The facility had been in operation under new ownership since May 1, 2006. Mr. Witkamp emailed the September – January reports to our office. I reviewed records for the months of September 2006 records to January 2007, after Mr. Witkamp emailed the record totals to my office on 2/8/2007. The review of the records found that the totals for 2 of the months were above 6000 lbs. Mr. Witkamp will not be held responsible for the totals of his predecessors company, his records will be reviewed looking at the potential from the highest month, which was 6111 lbs for January 2007. The potential material usage estimated was 79,332 lbs for a 12-month period. This would exceed the 76,000 lbs. We will not be able to determine actual material amounts until; Mr. Witkamp has been the owner for over 12 months. He is in compliance at this time, pending his company reaching a full 12 months of operations under his ownership. At that time, the department will compare his own operations actual material usage for the combined resin totals for a 12-month rolling total. Mr. Witkamp is still adding the previous owners last years resin totals for his recordkeeping.

Comments: An upwind/downwind survey of the facility was conducted. The observed parameters were:  
Downwind odor detected- Styrene odors; Wind direction - SouthEasterly Upwind odor detected-

I detected a significant styrene odor on the property where the materials were in use. The business in the same warehouse was Fastenal. One of their employees was stating the styrene odor was strong inside the building. I asked him if perceive odor to be coming in from outside or through the interior walls. He stated he thought it was from the inside. I advised him it there was not a firewall could becoming through wall ad over the ceiling tiles. I gave him my card and advised they may want to check with the building landlord. I later emailed Mr. Witkamp and informed him there may be a problem concerning the styrene odor inside the building. Mr. Witkamp spoke to the complainant and is working out a solution for the interior odors. (See email response from Mr. Witkamp in file)