



POLYESTER RESIN PLASTIC PRODUCTS FABRICATION



COMPLIANCE INSPECTION CHECKLIST

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

FACILITY: Cooper Marine, Inc.		DISTRICT:
DBA/Site Name:		Southwest
ADDRESS: 340 17th Avenue South St. Pete Beach, FL		CONTACT PHONE: 727-455-3362
ARMS NO: 1030440	PERMIT NO: 1030440-003-AG	Expiration Date: 11/17/2013 Renewal Date: 10/18/2013 Test Date:

EMISSION UNIT DESCRIPTION: Boat Fabrication with polyester resins and gelcoats

INSPECTION DATE: April 25, 2011
INSPECTION COMPLIANCE STATUS (*check only one box*)
 In Compliance; Minor Non-Compliance; Significant Non-Compliance

PART I: General Review:

1.	Permit File Review	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
2.	Introduction and Entry <i>Comments: I met with Norm Swain onsite</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
3.	Is the Authorized Representative still: Ronald Cooper? <i>Comments: Yes, he is Authorized representative, not on site traveling in New York.</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
4.	Is the facility contact still: Norm Swain? <i>Comments: Yes</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
5.	If the answer to 3 or 4 is "No", did the facility provide an administrative update within 30 days? [62-210.310(2)(d), F.A.C.] N/A	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

PART II: OPERATING/RECORDKEEPING REQUIREMENTS – Rule 62-210.310(4)(d), F.A.C. (check appropriate box(es), if a shaded box is checked, this would indicate noncompliance)

1. Is the facility using any other general permits at this location? ----- [62-210.310(4)(d)1a., F.A.C.]	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
2. Is the facility subject to any unit-specific applicable requirement? ----- [62-210.310(4)(d)1b., F.A.C.]	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
3. Does the facility operate any other emission unit that is not exempt from permitting pursuant to subsection 62-210.300(3), F.A.C., or Rule 62-4.040, F.A.C.? ----- [62-210.310(2)a., F.A.C.]	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> N
4. Is the combined quantity of styrene-containing resin and gelcoat used less than or equal to 76,000 pounds (38 tons) in any consecutive twelve (12) month period? ----- [62-210.310(4)(d)2.a., F.A.C.] <i>The highest reported consecutive twelve-month total was 24,475 lbs. for the month of <u>March 2011</u>. Reviewed records for the months from <u>November 2010</u> at 1922 lbs to <u>March 2011</u> at 13,671 lbs.</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
5. Is the facility maintaining records to document the quantity of resin and gelcoat used on a monthly basis? ----- [62-210.310(4)(d)2.c., F.A.C.]	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

PART II: OPERATING/RECORDKEEPING REQUIREMENTS – Rule 62-210.310(4)(d), F.A.C.
 (check appropriate box(es), if a shaded box is checked, this would indicate noncompliance)

- | | |
|--|---|
| 6. Are the records available for Department inspection and available for a period of at least five (5) years or to the beginning of operation? -----
[62-210.310(4)(d)2.c., F.A.C.] | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
| 7. Do the records list the consecutive twelve (12) month totals? -----
[62-210.310(4)(d)2.c., F.A.C.] | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
| 8. Is the facility complying with the objectionable odor prohibition of subsection 62-296.320(2), F.A.C.?-----
An upwind/downwind survey of the facility was conducted. The observed parameters were:
Downwind odor level detected (1-10)- <u>None off property</u> ; Wind direction – <u>South easterly</u> Upwind odor level detected- <u>none</u> . [62-210.310(4)(d)2.b., F.A.C.] | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |

PART III: Special Conditions And Procedures
 (check appropriate box(es), if a shaded box is checked, this would indicate noncompliance)

- Administrative Changes:**
- | | |
|---|--|
| 1. Were there any change in the name, address, or phone number of the facility or authorized representative not associated with a change in ownership or with a physical relocation of the facility or any emissions units or operations comprising the facility; or any other similar minor administrative change at the facility? -----
[62-210.310(2)(d), F.A.C.] | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| 2. Did the facility provide written notification within 30 days of the administrative change?-----
[62-210.310(2)(d), F.A.C.] | <input type="checkbox"/> Yes <input type="checkbox"/> No
<input checked="" type="checkbox"/> NA |

- Permit Effective Period**
- | | |
|--|---|
| 3. Is the general permit for this facility still within the 5 year effective period? ----- | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
| 4. Did the facility submit the new re-registration form at least 30 days prior to permit expiration? -----
[62-210.310(3)(a), F.A.C.] | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |

- New or Modified Process Equipment / Change in Ownership**
- | | |
|---|---|
| 5. Since the last registration form submittal has there been [62-210.310 (2)(b)2, F.A.C] | |
| a) Installation of any new process equipment? - ----- | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| b) Alterations to existing process equipment without replacement? ----- | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| c) Replacement of existing equipment with equipment that is substantially different? ----- | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| d) A change in ownership? ----- | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| If any of the answers to 1a) – 1d) are Yes , a new registration form and appropriate fee should have been submitted 30 days prior to the change. Was a new registration form properly submitted? | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |

- Noncompliance Notice:** - [62-210.310(3)(i), F.A.C.]
- | | |
|--|---|
| 6. Did the facility have any instances where they were unable comply with or will be unable to comply with any condition or limitation of the air general permit? -----
If the answer is Yes , proceed to a) and b). | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| a) Did the owner or operator provide immediate notification to the Department? ----- | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| b) Did the notification include: | |
| 1. A description of and cause of noncompliance?----- | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| 2. The period of noncompliance, including dates and times; or if not corrected, the anticipated time the noncompliance is expected to continue, and steps being taken to reduce, eliminate, and prevent recurrence of the noncompliance? ----- | <input type="checkbox"/> Yes <input type="checkbox"/> No |

- Maintenance:**
- | | |
|--|---|
| 7. Does the owner or operator maintain the permitted facility, emission unit, or activity in good condition? -----
[62-210.310(3)(g), F.A.C.] | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
|--|---|

- | | |
|---|---|
| 8. 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? -----
[62-210.310(3)(g), F.A.C.] | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
|---|---|

PART IV: Comments – List comments that provide detail to any violations or clarifies the inspection

The facility did not have any boats under construction at this time. There were very low usage rates for the year in the records for the 12 month totals. They still use the Glascraft resin and gelcoat guns for fiberglass applications. The use of Poly lite 33807 and GP100 in two drums. There have been no changes to the facility operations. (see photos)

Pollution Prevention Activities

- P2 Handouts Provided: P2 Brochure; P2 Manual; P2 Checklist
- Have any emissions reductions occurred Yes / No _____
 - Chemical Substitution; Equipment Changes; Process Changes
 - Chemical/Material Reuse; On-site Recycling; Other: _____

Comments:

The facility has made no changes the chemical products in use

Shea Jackson

Inspector's Name

_____ **Date of Inspection**

_____ **Inspector's Signature**

_____ **Approximate Date of Next Inspection**

Cooper Marine, Inc.
340 17th Avenue South, St. Petersburg



Project Id: 75785

Permit No: 1030440-003-AG

Arms Number:

Inspector: Shea Jackson

Inspection Date / Time: 1:30PM

Source (EU): Boat Fabrication with polyester resins and gelcoats

Description: [This is the front of the facility. There were no odors off the property]

Cooper Marine, Inc.
340 17th Avenue South, St. Petersburg



Project Id: 75785

Permit No: 1030440-003-AG **Arms Number:**

Inspector: Shea Jackson

Inspection Date / Time: 1:45PM

Source (EU):

Boat Fabrication with polyester resins and gelcoats

Description: [There were no boats under construction at this time.]

Cooper Marine, Inc.
340 17th Avenue South, St. Petersburg



Project Id: 75785 **Permit No:** 1030440-003-AG **Arms Number:**

Inspector: Shea Jackson **Inspection Date / Time:** 1:50PM

Source (EU): Boat Fabrication with polyester resins and gelcoats

Description: [This is one of the chemical storage areas for the miscellaneous products, gelcoats Mek, acetone thinners etc.]

Cooper Marine, Inc.
340 17th Avenue South, St. Petersburg



Project Id: 75785 **Permit No:** 1030440-003-AG **Arms Number:**

Inspector: Shea Jackson **Inspection Date / Time:** 1:55PM

Source (EU): Boat Fabrication with polyester resins and gelcoats

Description: [This is the work area for the fabrication area during the manufacturing of the boats.]

Cooper Marine, Inc.

340 17th Avenue South, St. Petersburg

Resin and Gelcoat Purchase Log

Month/Year: JANUARY 2010 Suncoast Enterprises, Inc. Home Sweet Home Phone # 455-3362

Purchase Date	Resin Type (Product No. & Name)	Container Size	# of Containers "n"	lbs/Container "p"	Resin weight (lbs) "n" x "p"
1/21	POLYESTER - 33083	5 GAL	2	496	992
1/21	3510 AXP EPOXY RESIN	5 GAL	3	43	129
Total weight of Resin * sum up amounts in the last column					= 1,121 lbs (R)

Purchase Date	Gelcoat Type (Product No. & Name)	Container Size	# of Containers "n"	lbs/Container "p"	Gelcoat weight (lbs) "n" x "p"
1/28	WHITES - 180 - 81 - 11000	5 GAL	2	45	90
Total weight of Gelcoat * sum up amounts in the last column					= 90 lbs (G)

(A)	Combined weight of resin and gelcoat for month:	1,121 (R) + 90 (G) =	1,211 lbs (A)
(B)	Combined weight of resin plus gelcoat from previous 12 months (the same as the value of "D" from previous month):		13,948 lbs (B)
(C)	Combined weight of resin plus gelcoat from same month 1 year ago (use zero if no records available or if usage was zero):		1,488 lbs (C)
(D)*	Consecutive, cumulative 12 month total (A + B - C) = D :		13,671 lbs (D)

* Gelcoat plus resin must be maintained below 76,000 lbs. for polyester resin fabrication, and below 284,000 lbs. for cast polymer permitted facilities during any 12-month consecutive period.

Project Id: 75785 **Permit No:** 1030440-003-AG **Arms Number:**

Inspector: Shea Jackson **Inspection Date / Time:** 1:20PM

Source (EU): Boat Fabrication with polyester resins and gelcoats

Description: [This is the record keeping log for March 2011. The resin usage has been low this year]

