



SURFACE COATING OPERATIONS



COMPLIANCE INSPECTION CHECKLIST

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

AIRS ID#: 0112316 **DATE:** 02/2/2012 **ARRIVE:** 1000 **DEPART:** 1130

FACILITY NAME: BROWARD SHIPYARD

FACILITY LOCATION: 750 NE 7TH AVE
 DANIA BEACH 33004-2502

OWNER/AUTHORIZED REPRESENTATIVE: CHRISTOPHER MOORE **PHONE:** (954)927-4119
Email: info@browardshipyard.com **Mobile:** (609)410-3042

CONTACT NAME: **PHONE:**
Email: **Mobile:**

ENTITLEMENT PERIOD: 5/27/2010 / 5/27/2015
 (effective date) (end date)

PART I: INSPECTION COMPLIANCE STATUS (check only one box)

IN COMPLIANCE MINOR Non-COMPLIANCE SIGNIFICANT Non-COMPLIANCE

PART II: RECORDKEEPING REQUIREMENTS – Rule 62-210.300, F.A.C.
 (check appropriate box(es))

- Does the facility operate any emissions units other than the surface coating 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)4.a., F.A.C.) Yes No
- Does the owner/operator of the facility maintain records to document the VOC content of the coatings and the quantity of the coatings used?----- Yes No
- Does the owner/operator retain, and make available for Department inspection, these records for a period of at least five years?----- Yes No
- Is the total quantity of VOC's in such coatings 44 lbs/day or less, averaged monthly?----- Yes No
- Does the amount of coatings used, include solvents and thinners used in the process including those used for cleanups?----- Yes No

PART III: CONTROL/OPERATING/MAINTANANCE REQUIREMENTS – Rule 62-210.300, F.A.C.
 (check appropriate box(es))

- Is/Are the surface coating operation(s) subject to a VOC Reasonably Available Control Technology (RACT) emission limiting standard of Chapter 62-296.500, F.A.C.? (Rule 62-210.300(3)(c)4.b., F.A.C.)----- Yes No
- Does the facility cause, suffer, allow or permit the discharge of air pollutants which cause or contribute to an objectionable odor? (Rule 62.296.320(2), F.A.C.)----- Yes No

PART III: CONTROL/OPERATING/MAINTENANCE REQUIREMENTS – Rule 62-210.300, F.A.C. – (continued)

(check appropriate box(es))

3. Does the owner/operator encourage pollution prevention through such measures as training employees involved in surface coating operations on methods of reducing VOC emissions by:
- a) maintaining spray coating equipment to ensure effective application with a minimum of overspray? Yes No
 - b) monitoring the coating thickness to avoid excessive coating?----- Yes No
 - c) considering the use of low-VOC coatings (e.g., waterborne, ultra-violet cured, or powder coatings)? Yes No
 - d) implementing inventory control practices to prevent spillage?----- Yes No
 - e) implementing management practices to reduce VOC emissions during cleanup by:
 - 1. spraying light colored coatings before dark colored coatings to reduce the number of cleaning cycles?----- Yes No
 - 2) recycling cleaning solvents?----- Yes No
 - 3) using water based cleaners?----- Yes No

PART IV: SPECIAL CONDITIONS AND PROCEDURES – Rule 62-210.300, F.A.C.

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

Elizabeth F.Susky

02/2/2012

Inspector's Name (Please Print)

Date of Inspection

Inspector's Signature

Approximate Date of Next Inspection

COMMENTS: In a compliance inspection conducted on 02/2/2012, AQD staff (E.Susky and Cliff Bittle, Environmental Licensing Manager) observed activities at Broward Shipyard. Mr. Brian Van Den Breen (Yard Manager) and Christopher Moore (Vice President) accompanied AQD staff on the inspection. The yard has one large building with boat hanger, wood shop, spray booth and offices on it. On the North side of the building the facility has their hazardous material storage area. They also conduct boat bottom painting in the yard and in water slips. The vessels are completely encapsulated while on the water and boomed.

Mr. Van Den Breen showed AQD staff his VOC logs and later emailed the final copy to the department, The facility is at 3.815 VOC/lb/day. Mr. Moore also discussed with Mr. Bittle the road traffic and dust issues with G and G Marine (who shares a thorough fare road with Broward Shipyard).

The housekeeping was okay and Mr. Van Den Breen is making efforts to train contractors on the Marina BMPs.