



# SURFACE COATING OPERATIONS



## COMPLIANCE INSPECTION CHECKLIST

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

**AIRS ID#:** 0112709 **DATE:** 09/16/2009 **ARRIVE:** 9:30 AM **DEPART:** 10:30 AM

**FACILITY NAME:** PROPULSION TECHNOLOGIES INTERNATIONAL

**FACILITY LOCATION:** 15301 SW 29TH STREET  
MIRAMAR 33027

**OWNER/AUTHORIZED REPRESENTATIVE:** RICHARD LAUCKNER **PHONE:** (786)999-0601

**CONTACT NAME:** **PHONE:**

**ENTITLEMENT PERIOD:** 8/30/2008 / 8/30/2013  
(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

Cynthia V. Fernandez

09/

\_\_\_\_\_  
Inspector's Name (Please Print)

\_\_\_\_\_  
Date of Inspection

November 13, 2009

\_\_\_\_\_  
Inspector's Signature

\_\_\_\_\_  
Approximate Date of Next Inspection

**COMMENTS:** E. Bonnie on site. Recordkeeping was set up on site. Facility started operation in Sept. 2009. A follow up inspection will be conducted to check records. Total of 5 spray booths - 3 big ones used for plasma coating, and 2 small ones.