



## **SECONDARY** **ALUMINUM SWEAT FURNACE**



### **COMPLIANCE INSPECTION CHECKLIST**

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

**AIRS ID#:** 0251230 **DATE:** 6/12/07 **ARRIVE:** 1:20 PM **DEPART:** 2:00 PM

**FACILITY NAME:** PROFESSIONAL FOUNDRY

**FACILITY LOCATION:** 4850 East 10 Court  
HIALEAH 33013

**RESPONSIBLE OFFICIAL:** MARINO LEON

**PHONE:** (305)694-1254

**CONTACT NAME:**

**PHONE:**

**REMITTANCE YEAR:** 2006

**ENTITLEMENT PERIOD:** 8/31/2006 / 8/31/2011  
(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 – Rule 62-213.300 FAC**

1. Does each secondary aluminum sweat furnace have an afterburner? -----Yes ☐ No ☒
2. Does each afterburner has a design residence time of 0.8 seconds or more,  
and an operating temperature of 1600 degrees Fahrenheit or greater? -----Yes ☐ No ☐

**PART III: BASIC REQUIREMENTS – Rule 62-213.300(3) FAC**

1. Has the responsible official (RO) provided a written OM&M plan on-site? -----Yes ☒ No ☐
2. Has the RO provided a temperature monitoring device to continuously monitor and  
record the 15-minute block average operating temperature to insure that it is at or  
above 1600 degrees F? -----Yes ☐ No ☒

**PART IV: RECORDKEEPING/REPORTING REQUIREMENTS – Rule 62-213.300(3) FAC**

1. Has the RO maintained records of 15-minute block average afterburner temperature? ----- Yes ☐ No ☒
2. Has the RO provided records of any period when the average temperature in any 3-hour block period falls below 1600 degrees Fahrenheit? -----Yes ☐ No ☒ N/A ☐
3. Has the RO maintained records of afterburner inspections? -----Yes ☐ No ☒
4. Has the RO maintained a startup/shutdown/malfunction plan? -----Yes ☐ No ☒

FRANK DELGADO

6/12/07

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

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

6/2008

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

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

**COMMENTS:** THIS FACILITY DOES NOT HAVE AN AFTERBURNER.  
THE FURNACE IS USED TWICE PER WEEK.