



SECONDARY **ALUMINUM SWEAT FURNACE**



COMPLIANCE INSPECTION CHECKLIST

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

AIRS ID#: 7775062 **DATE:** 7/13/07 **ARRIVE:** 3:20 PM **DEPART:** 4:30 PM

FACILITY NAME: W.C. ALLOYS

FACILITY LOCATION: 6124 NAVARRE PKWY.
GULF BREEZE 32561

RESPONSIBLE OFFICIAL: RANDALL MAYNE

PHONE: (850)939-0779

CONTACT NAME:

PHONE:

REMITTANCE YEAR: 2007

ENTITLEMENT PERIOD: 9/4/2003 / 9/4/2008
(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 ☐

Carol Melton

7/13/07

Inspector's Name (Please Print)

Date of Inspection

/s/

Inspector's Signature

Approximate Date of Next Inspection

COMMENTS:

The afterburner runs on propane.

When the furnace is not in use, the temperature data logger is removed from the site and kept at the owner's home.

According to facility personnel, this is to help prevent it from being stolen.

The furnace records are also kept at the owner's house.

During the inspection the owner's wife was contacted and asked to bring the records to the site (the owner's house is just a few minutes from the site).

Records are being maintained. A maintenance check was performed on the furnace in February 2007.

According to the Code of Federal Regulations (CFR), Title 40, Part 63, Section 63.1510(r)(2), the owner or operator of a new or existing group 2 furnace must submit a certification of compliance that only clean charge was used as feed stock and no reactive flux was used.

40CFR63.1516(2)(b)(2)(v), provides that the semi-annual reports must include the certification that "Only clean charge materials were processed in any group 2 furnace during this reporting period, and no fluxing was performed or all fluxing performed was conducted using only no reactive, non-HAP-containing/non-HAP-generating fluxing gases or agents, except for cover fluxes, during this reporting period."

Records on file indicate that the last semi-annual report was received August 30, 2006. During the inspection the owner signed an annual statement of compliance and indicated that the facility is compliant with the CFR requirements above.

The next semiannual certification is due by February 29, 2008.