



**SECONDARY
ALUMINUM SWEAT FURNACE**



COMPLIANCE INSPECTION CHECKLIST

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

ARMS UPDATED

03/17/10 NB

AIRS ID#: 1010497 **DATE:** 03/17/10

ARRIVE: 1115

DEPART: 1145

FACILITY NAME: STIEFEL ALUMINUM, INC

FACILITY LOCATION: 14920 CITRUS COUNTRY DR

DADE CITY 33523-6004

OWNER/AUTHORIZED REPRESENTATIVE: JOHN STIEFEL

PHONE: (813)951-2631

CONTACT NAME: Grant Lincoln, Supervisor

PHONE:

ENTITLEMENT PERIOD: 10/18/2007 / 10/18/2012
(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 ☐

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Inspector's Name (Please Print)

Date of Inspection

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03/17/13

Inspector's Signature

Approximate Date of Next Inspection

COMMENTS: Stiefel Aluminum recycles aluminum wheels, producing aluminum ingots. Since the last inspection (12/21/07), the second furnace has been added. New registration was properly submitted to Tallahassee on 05/30/08. Records show that the second furnace started operating in August 2008. Both furnaces were operating during the time of the inspection; both afterburners were at approximately 1800°F. Temperature charts were checked dating back to 2008 and show compliance. The fuel for both furnaces is natural gas.