



# HUMAN CREMATORY



## COMPLIANCE INSPECTION CHECKLIST

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

**AIRS ID#:** 0951289 **DATE:** 12/06/07 **ARRIVE:** 10:15 AM **DEPART:** 11:15 AM  
**FACILITY NAME:** COMMUNITY FUNERAL HOME & SUNSET CREMATN  
**FACILITY LOCATION:** 910 W MICHIGAN ST  
 ORLANDO 32805-5404  
**RESPONSIBLE OFFICIAL:** Scott Hora, Funeral Director **PHONE:** (407)841-4454  
**CONTACT NAME:** Eduardo Bori, Funeral Director **PHONE:** (407)841-4454  
**REMITTANCE YEAR:** 2007 **ENTITLEMENT PERIOD:** 11/17/2006 / 11/17/2011  
 (effective date) (end date)

**PART I: INSPECTION COMPLIANCE STATUS** (check  only one box)  
 IN COMPLIANCE  MINOR Non-COMPLIANCE  SIGNIFICANT Non-COMPLIANCE

**PART II: TESTING/RECORDKEEPING REQUIREMENTS – Rule 62-296.401, F.A.C.**  
 (check  appropriate box(es))

1. Were there any objectionable odor(s) detected?-----	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
2. Was a visible emissions test conducted during this site visit according to EPA Method 9 (Ref.: Chapter 62-297, F.A.C.)?-----	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
3. In order to demonstrate individual source compliance, was an annual visible emissions test conducted 60 days prior to the AGP Notification form submission, and within 60 days prior to each anniversary date? (Rule 62-296.401(5)(i), F.A.C.)-----	<input type="checkbox"/> Yes <input type="checkbox"/> No
4. In order to demonstrate individual source compliance were the remaining applicable standards testing completed within 60 days prior to the AGP Notification form submission? (Rule 62-210.300(4), F.A.C.)	<input type="checkbox"/> Yes <input type="checkbox"/> No
a) Carbon Monoxide (CO) emissions equal to or below the requirements of 100 parts per million by volume, dry basis, corrected to 7% O <sub>2</sub> on an hourly average basis and tested according to EPA Method 10 (Ref.: Chapter 62-297, F.A.C.)?-----	<input type="checkbox"/> Yes <input type="checkbox"/> No
b) Oxygen test performed according to EPA Method 3 (Ref.: Chapter 62-297, F.A.C.)?-----	<input type="checkbox"/> Yes <input type="checkbox"/> No
c) Particulate matter emissions test with results equal to or below the requirements of 0.080 grains per dry standard cubic foot (ft <sup>3</sup> ) of flue gas, corrected to 7% O <sub>2</sub> and tested according to EPA Method 5 (Ref.: Chapter.62-297, F.A.C.)?-----	<input type="checkbox"/> Yes <input type="checkbox"/> No
5. Was all emissions testing conducted with the source operating at the manufacturers recommended capacity?-----	<input type="checkbox"/> Yes <input type="checkbox"/> No
6. Was CO & PM compliance demonstrated by submission of a test report for an identical crematory unit?-----	<input type="checkbox"/> Yes <input type="checkbox"/> No
7. Was the Department notified at least 15 days prior to the date of the last formal compliance test?-----	<input type="checkbox"/> Yes <input type="checkbox"/> No
8. Was the required test report filed with the Department as soon as practical, but no longer than 45 days after the test was completed?-----	<input type="checkbox"/> Yes <input type="checkbox"/> No

*Renewed 12-11-07*

**PART III: OPERATING/RECORDKEEPING REQUIREMENTS – Rule 62-296.401, F.A.C.**

(check  appropriate box(es))

- 1. Is there **Continuous Emissions Monitoring System (CEMS)** equipment installed on each unit to record temperatures in the primary and secondary chambers where there is a 1.0 second gas residence time in the secondary chamber combustion zone in accordance with the manufacturer's instructions?-----  Yes  No
  - a) Do temperature probes seem to be properly placed?-----  Yes  No
  - b) Are the following records kept on file, available for inspection for at least two years following the recording of such measurements, maintenance, reports and records?
    - 1) All measurements (including CEMS)-----  Yes  No
    - 2) Monitoring device-----  Yes  No
    - 3) Performance Testing Measurements -----  Yes  No
    - 4) CEMS Performance Evaluation-----  Yes  No
    - 5) All CEMS or monitoring device calibration checks-----  Yes  No
    - 6) Adjustments-----  Yes  No
    - 7) Preventive maintenance performed on systems/devices-----  Yes  No
    - 8) Corrective maintenance performed on systems/devices-----  Yes  No
- 2. Was this crematory unit constructed: (check only one  box)
  - a)  **BEFORE** August 30, 1989? (If this box checked, continue on to #3 and skip #4)
  - b)  **ON** or **AFTER** August 30, 1989? (If this box checked, skip #3 and continue on to #4)
- 3. If constructed **BEFORE** August 30, 1989 is the:
  - a) secondary chamber combustion zone providing at least a 1.0 second gas residence time @ 1600°F?  Yes  No
  - b) actual operating temperature of the secondary chamber combustion zone no less than 1400°F throughout the combustion process in the primary chamber?-----  Yes  No
  - c) cremation in the primary chamber begun after the secondary chamber combustion zone temperature is equal to or greater than 1400°F?-----  Yes  No
  - d) required monitoring equipment installed and operational, and providing continuous monitoring to record the temperature at the point or beyond where 1.0 second gas residence time is obtained in the secondary chamber combustion zone according to the manufacturer's instructions?-----  Yes  No
- 4. If constructed **ON** or **AFTER** August 30, 1989 is the:
  - a) volume in the secondary combustion zone sufficient to provide at least a 1.0 second gas residence time @ 1800° F?-----  Yes  No
  - b) the actual operating temperature of the secondary chamber combustion zone no less than 1600°F throughout the combustion process in the primary chamber?-----  Yes  No
  - c) secondary chamber combustion zone temperature equal to or greater than 1600°F before the cremation process begins in the primary chamber?-----  Yes  No
- 5. Are appropriate cremation containers containing no more than 0.5 % (percent) by weight chlorinated plastics used during the cremation of dead human bodies?-----  Yes  No
  - a) If the answer to question 4 above is YES, is certifying documentation from the manufacturer that they are composed of 0.5% or less by weight chlorinated plastics kept on file at the site for the duration of their use and for at least two years after their use?-----  Yes  No
  - b) Are there any other materials, including biomedical wastes (Rule 62-210.200, FAC) incinerated at this location?-----  Yes  No
- 6. Have all crematory operators been trained and certified by a Department-approved training program?  Yes  No
  - a) Are copies of the training certificates for all crematory operators kept on file at the facility for the duration of the operator's employment & for an additional two years after termination of employment?-----  Yes  No

N/A

**PART IV: SPECIAL CONDITIONS AND PROCEDURES – Rule 62-296.401, 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
- 2. If a crematory unit has been modified to the extent that a Department air construction permit was required, have all operators been retrained to operate the modified unit?-----  Yes  No
- 3. In the case of new or modified equipment, where a Department air construction permit was required, has the owner submitted copies of all operator training certificates?-----  Yes  No
  - a) submitted within the 15 day required window following the training?-----  Yes  No

Norma Ali / Angel Martin

12/06/07

Inspector's Name (Please Print)

Date of Inspection

12/06/08

Inspector's Signature

Approximate Date of Next Inspection

**COMMENTS:** On November 20, 2007, Inspectors Angel Martin and Norma Ali visited the facility. The responsible official was not present and records were not available at the time of inspection. A copy of the General Permit for Human crematories was left with the receptionist. Angel Martin talked to Scott Hora, Funeral Director over the phone and explained to him that records should be available at all times and that a follow-up inspection will occur in the near future.

On December 6, 2007, a full inspection was conducted at this facility. Angel Martin and Norma Ali met with Scott Hora, Funeral Director, who showed us their records, among them was the temperature charts from June 9, 2006 to present. All of them showed temperatures above or equal to 1,600 Degrees Farenheith, which is in compliance with their Air Permit. Inspectors suggested to Mr. Hora to include on the charts, besides date and Operator initials, the weight. They have one human crematory unit, an IEE Power Pak II cremator, manufactured by Matthews Cremation Division and equipped with an afterburner to control emissions.

This unit gets frequent prevention maintenance and calibrations done by Mathews, Service Department. The facility does not have a Maintenance Log. Inspectors suggested to Mr. Hora to document every time any kind of maintenance or calibration is done to the machine.

A copy of the MDS for containers used for cremation was provided, which states that this product does not contain more than .05% by weight of chlorinated plastics. They also use carboard boxes, a copy of the MDS sheet was provided.

Mr. Hora requested a list of Environmental Consultants. Norma Ali e-mailed it to Mr. Hora on the same day.

No odors were noted. Cremator was not operating at the time of inspection.