



HUMAN CREMATORY



COMPLIANCE INSPECTION CHECKLIST

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

AIRS ID#: 0530039 **DATE:** 02082010 **ARRIVE:** 0840 **DEPART:** 1245
FACILITY NAME: BREWER & SONS FUNERAL HOME
FACILITY LOCATION: 1190 S. BROAD STREET
 BROOKSVILLE 34601-3110
OWNER/AUTHORIZED REPRESENTATIVE: BARRY BREWER **PHONE:** (352)796-4991
CONTACT NAME: Tammy Tolbert **PHONE:** 352-796-4991
ENTITLEMENT PERIOD: 02/26/2010 / 02/26/2015

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?----- Yes No
2. Was a visible emissions test conducted during this site visit according to EPA Method 9 (Ref.: Chapter 62-297, F.A.C.)?----- Yes No
3. Was all emissions testing conducted with the source operating at the manufacturers recommended capacity?----- Yes No
4. Was the Department notified at least 15 days prior to the date of the last formal compliance test?--_-- Yes No
5. Was the required test report filed with the Department as soon as practical, but no longer than 45 days after the test was completed?----- Yes No

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?-----**To be determined by crematory initiative** Yes No
- a) Do temperature probes seem to be properly placed?----- **To be determined by crematory initiative** ----- 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?**NA this inspection was a crematory initiative inspection** 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?----- es No
- b) Are there any other materials, including biomedical wastes (Rule 62-210.200, FAC) incinerated at this location?----- Yes No

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

Joseph V Panetta

12/22/2009

Inspector's Name (Please Print)

Date of Inspection

Inspector's Signature

Approximate Date of Next Inspection

COMMENTS: This inspection was prompted by a VE notification and the MNC issues from the 12.22.2009 Crematory imitative only inspection. A VE test was performed and audited this day, along with a complete inspection.. Checked charts from 10/29/09 through 02/07/2010. I have put this facility in compliance because the Department has addressed the missing VE and the operating w/o titlement issues by sending out a warning letter. Also I put this facility in compliance until the calculations prove or disprove that the thermocouple(s) are properly placed. The location of the thermocouples will be addressed after the measurements are reviewed by Department Staff. At that time it will be determined if the status should be changed to MNC.