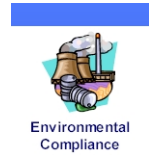




# HUMAN CREMATORY



## COMPLIANCE INSPECTION CHECKLIST

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

**AIRS ID#:** 1050333 **DATE:** 04/20/2009 **ARRIVE:** 1040 **DEPART:** 1200  
**FACILITY NAME:** STEELE'S FAMILY CREMATORY  
**FACILITY LOCATION:** 207 BURNS LANE SE  
 WINTER HAVEN 33884  
**OWNER/AUTHORIZED REPRESENTATIVE:** WILLIAM STEELE **PHONE:** (863)324-1475  
**CONTACT NAME:** Tom Morse/ William Steele/ Tom Ettinger **PHONE:** (863)324-1475  
**ENTITLEMENT PERIOD:** 3/25/2006 / 3/25/2011  
 (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?-----  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. 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.)-----  Yes  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.)  Yes  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.)?-----  Yes  No
  - b) Oxygen test performed according to EPA Method 3 (Ref.: Chapter 62-297, F.A.C.)?-----  Yes  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.)?-----  Yes  No
5. Was all emissions testing conducted with the source operating at the manufacturers recommended capacity?-----  Yes  No
6. Was CO & PM compliance demonstrated by submission of a test report for an identical crematory unit?  Yes  No
7. Was the Department notified at least 15 days prior to the date of the last formal compliance test?-----  Yes  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?-----  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?-----  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

**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

04/20/2009

Inspector's Name (Please Print)

Date of Inspection

Inspector's Signature

Approximate Date of Next Inspection

**COMMENTS:** Inspection was conducted by DEP personnel Joe Panetta and James Burkholder. Inspection was accompanied by the owner, William Steele and the two operators Tom Morse and Tom Ettinger. Maintenance logs were checked from 12/29/08 through 4/20/09. No discrepancies were found at this time. Charts were checked from 01/02/09 through 04/20/09. During the chart inspection it was found that the charts were documented with the start time which is good, but when I asked were the cremation "began" which is what the rule states; William Steele and the two operators Tom Morse and Tom Ettinger could not say whether the start time was when the cremation began or not. They suggested that they will now start documenting the chart when the cremation has "begun". Also on 04/04/2009 and 02/06/2009 the chart dipped below 1600. It looked like the cremation had run for a couple of hours then ended, then was restarted. When I asked William Steele and the two operators Tom Morse and Tom Ettinger about these charts it was stated that these were big bodies and they needed a little more time. This seems to be correct and it seems like someone was watching the unit because there was only a short time between the machine shut down and restart. I explained better documentation of the charts would alleviate any question of a malfunction. I also explained the requirement of notifying the department of a malfunction. Later asking Mr. Steele about burning of plastics and the MSDS sheets for the plastics that are burned. He stated he would send me a copy of a memo he wrote to file stating he does not burn plastics.

Note: boxes not checked do not apply due to rule change January 10, 2007



Florida Department of Environmental Protection
Southwest District Office

FIELD INSPECTION NOTICE

Name / Owner / Operator: Steele's Family CREMATORY
Address: 207 Burns Ln SE
Location / Source: Winter Hae: 33884
Permit Number: 1050333 Permit Exp. Date: 3/25/2011 Date and Time: 4/20/09

The purpose of this notice is to advise you of findings from a Florida Department of Environmental Protection (DEP) personnel conducted field inspection on the date listed above at the location described above.

Observations: Charts are marked with start time. Discussed how chart reads to indicate when cremation begins. Also on 4-4-09 and 2-6-09 chart dipped below 1600. Discussed documentation Mal Function and Notifying Department. Owner Bill Steele states he does not burn plastics or cremation caskets. Mr. Steele will provide letter stating this and keep on file or provide MSDS for new item.

Table with 2 columns: Description and Permit Condition. Rows include: No Noticeable Unconfined Particulate Matter, No Violation of Permit Condition(s) Observed, No Objectionable Odor Observed, No Excessive Visible Emissions Observed On Site, No Construction Or Modifications Of Permitted Emission Units Observed, New Operating Rate, No Open Burning Observed, Other.

The activities observed during the Department's field inspection for the above location indicate that, at this time, your facility appears to be in compliance with Florida Administrative Code and your current permit conditions.

You are requested to contact Joseph V. Penick at the address or telephone number below within fifteen (15) days of receipt of this Field Inspection Notice if you have any questions about the above findings.

Received by: Susan P. Steeche Issued / Posted by: Joseph V. Penick
Print: SUSAN P STEEHE Print: JOSEPH V. PENICK
Title: FUNERAL DIRECTOR