



# HUMAN CREMATORY



Environmental Compliance

## COMPLIANCE INSPECTION CHECKLIST

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

**AIRS ID#:** 1110050 **DATE:** 4/3/08 **ARRIVE:** 9:40 AM **DEPART:** 11:00 AM  
**FACILITY NAME:** HAISLEY-HOBBS FUNERAL HOME  
**FACILITY LOCATION:** 3015 OKEECHOBEE RD  
 FT. PIERCE 34947  
**OWNER/AUTHORIZED REPRESENTATIVE:** RICHARD HAISLEY **PHONE:** (772)461-5211  
**CONTACT NAME:** Rodney Black **PHONE:** 772-461-5211  
**ENTITLEMENT PERIOD:** 5/2/2004 / 5/2/2009  
(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 N/A
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.)
  - 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 *Unknown*
- 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?
- 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

NA

Allen Rainey  
Inspector's Name (Please Print)

1/31/08  
Date of Inspection

Allen Rainey  
Inspector's Signature

\_\_\_\_\_  
Approximate Date of Next Inspection

**COMMENTS:**

- ① Unit attained proper cremation temperature in the secondary chamber 15 minutes after arrival. Body placed in primary chamber at that point.
- ② Facility recently began use of Elite Rite Industries wooden platforms to hold body for placement into the crematory. ~~Boxes~~ <sup>As platforms</sup> are composed of particle board base, 1/2" - 3/4" thick, with 2x4 sides. Body is contained in a ~~styrofoam~~ cardboard box & placed on platform. Platforms have nylon straps & clasps to restrict movement of the box. No records on site to certify that the platforms have no more than 0.5% by weight of chlorinated plastics (within clasps & straps).
- ③ Reviewed crematory temperature operation charts from Jan. 2007 - Jan. 2008. All markings & maintenance activities are recorded on the charts.
- ④ Body was placed into crematory after temperature in secondary chamber reached 1400° F.
- ⑤ FDDEP permission was granted to conduct CE testing after December 2006 (test also conducted in Feb. 2006).



SE DISTRICT DEPARTMENT OF ENVIRONMENTAL PROTECTION

Visible Emission Observation Form

SOURCE NAME <i>Haisley-Hobbs Funeral Home</i>			OBSERVATION DATE <i>1/31/08</i>				START TIME <i>10:25 AM</i>		STOP TIME <i>10:35 AM</i>					
ADDRESS <i>3015 Okpechabee Rd.</i>			SEC	MIN	0	15	30	45	SEC	MIN	0	15	30	45
CITY <i>Ft. Pierce</i>			STATE <i>FL</i>		ZIP <i>34947</i>		1		31					
PHONE <i>772-461-5211</i>			SOURCE ID NUMBER <i>110050</i>		2		0		32					
PROCESS EQUIPMENT <i>Crematory 155 lbs</i>			OPERATING MODE <i>1 adult</i>		3		0		33					
CONTROL EQUIPMENT <i>Secondary Chamber 1600°F</i>			OPERATING MODE <i>1600°</i>		4		0		34					
DESCRIBE EMISSION POINT <i>START stack w/ cover STOP ✓</i>			5		0		35							
HEIGHT ABOVE GROUND LEVEL <i>START 18' STOP 18'</i>			HEIGHT RELATIVE TO OBSERVER <i>START 18' STOP ✓</i>		6		0		36					
DISTANCE FROM OBSERVER <i>START 60' STOP ✓</i>			DIRECTION FROM OBSERVER <i>START 355° STOP ✓</i>		7		0		37					
DESCRIBE EMISSIONS <i>START none STOP ✓</i>			8		0		38							
EMISSION COLOR <i>START N/A STOP ✓</i>			PLUME TYPE: CONTINUOUS <input type="checkbox"/>		9		0		39					
WATER DROPLETS PRESENT <i>NO <input checked="" type="checkbox"/> YES <input type="checkbox"/></i>			FUGITIVE <input type="checkbox"/> INTERMITTENT <input checked="" type="checkbox"/>		10		0		40					
POINT IN THE PLUME AT WHICH OPACITY WAS DETERMINED <i>START under cover STOP ✓</i>			IF WATER DROPLET PLUME: ATTACHED <input type="checkbox"/> DETACHED <input type="checkbox"/>		11				41					
DESCRIBE BACKGROUND <i>START sky STOP ✓</i>			12						42					
BACKGROUND COLOR <i>START white STOP blue</i>			SKY CONDITIONS <i>START broken STOP ✓</i>		13				43					
WIND SPEED <i>START 10/11 STOP ✓</i>			WIND DIRECTION <i>START NE STOP ✓</i>		14				44					
AMBIENT TEMP. <i>START STOP</i>			WET BULB TEMP.		15				45					
			RH, percent		16				46					
Source Layout Sketch			Draw North Arrow		17				47					
					18				48					
COMMENTS <i>Darrel Grazioni former Pagan Administrator for relayed permission</i>			AVERAGE OPACITY FOR HIGHEST PERIOD		19				49					
I HAVE RECEIVED A COPY OF THESE OPACITY OBSERVATIONS SIGNATURE TO CONDUCT VE TEST AFTER			NUMBER OF READINGS ABOVE % WERE		20				50					
TITLE			RANGE OF OPACITY READINGS MINIMUM		21				51					
DATE - <i>12/07</i>			MAXIMUM		22				52					
			OBSERVER'S NAME (PRINT)		23				53					
			<i>Allen Rainey</i>		24				54					
			OBSERVER'S SIGNATURE		25				55					
			<i>Allen Rainey</i>		26				56					
			ORGANIZATION		27				57					
			<i>SE District DEP</i>		28				58					
			CERTIFIED BY		29				59					
			<i>ETA</i>		30				60					
			VERIFIED BY											