



HUMAN CREMATORY



COMPLIANCE INSPECTION CHECKLIST

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

AIRS ID#: 0170014 **DATE:** 11072007 **ARRIVE:** 1022 **DEPART:** 1224
FACILITY NAME: HOOPER FUNERAL HOME
FACILITY LOCATION: 501 W MAIN ST
 INVERNESS 34450
RESPONSIBLE OFFICIAL: DWIGHT HOOPER **PHONE:** (352)726-2271
CONTACT NAME: Thomas R Edwards **PHONE:** (352)726-2271
REMITTANCE YEAR: **ENTITLEMENT PERIOD:** 1/9/2003 / 1/9/2008
 (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% O₂ 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 (ft³) of flue gas, corrected to 7% O₂ 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?
- 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

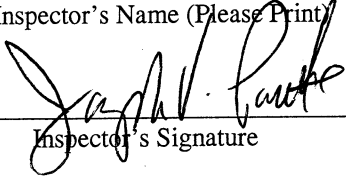
1. Since the last inspection has there been
 - a) installation of any new process equipment?----- Yes No
 - b) alterations to existing process equipment without replacement?----- Yes No
 - c) replacement of existing equipment substantially different than that noted on the most recent notification form?----- 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

11072007

Inspector's Name (Please Print)

Date of Inspection



2008

Inspector's Signature

Approximate Date of Next Inspection

COMMENTS: VE was conducted by Department Personnel and Hooper Funeral Home Consultant. After the VE test an annual inspection was conducted. All paper work was neatly placed in a white binder with plastic page covers for inspection. We talked about preventive maintenance I did inform Mr. Edwards that the thermocoupler not only needed to be changed when inop but needed to be calibrated along with the chart recorder at an interval specified by the manufacturer. Crematory operating at time of inspection. Temperature gauge reading 1741 F. Facility seemed to be in compliance at time of inspection. Reviewed charts from 1-31-2007 through 3-31-2007



Florida Department of Environmental Protection
Southwest District Office

FIELD INSPECTION NOTICE

Name / Owner / Operator: THOMAS R. EDWARDS

Address: 501 W. Main Street

Location / Source: INURNESS

Permit Number: 0170014 Permit Exp. Date: 1/9/2008 Date and Time: 11/7/07 12:24

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: Facility seemed to be in compliance at time of inspection

Rule or Statute Relevant to Observations

Permit Condition No.

Table with 2 columns: Rule or Statute Relevant to Observations, Permit Condition No. 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 [blank] 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: THOMAS R. EDWARDS Issued / Posted by: Joseph V. Panetta

Print: [Signature] Print: JOSEPH V. PANETTA

Title: Funeral Director / Cemetery Operator

VISIBLE EMISSIONS EVALUATION

COMPANY Hooper Funeral Home	
UNIT EE2E Power PAC II	
ADDRESS 501 W. McLean St. INVERNESS 34970	
PERMIT NO. 017 0014	COMPLIANCE YES - NO -
AIRS NO.	EU NO. EU001
PROCESS RATE < 500 LBS/H	PERMITTED RATE < 500 LBS/H
PROCESS EQUIPMENT After burner Crematory	
CONTROL EQUIPMENT After Burner	
OPERATING MODE Normal	AMBIENT TEMP (BF) START STOP
HEIGHT ABOVE GROUND LEVEL START 30' STOP	HEIGHT RELATIVE TO OBSERVER START 25' STOP
DISTANCE FROM OBSERVER START 90' STOP	DIRECTION FROM OBSERVER START 305 NW STOP
EMISSION COLOR NONE - Black when observed	PLUME TYPE CONTIN. - INTERMITTENT -
WATER DROPLETS PRESENT? NO - YES -	IS WATER DROPLET PLUME ATTACHED - DETACHED -
POINT IN PLUME AT WHICH OPACITY WAS DETERMINED START STACK STOP STACK	
DESCRIBE BACKGROUND START Blue sky STOP Stack Blue sky	
BACKGROUND COLOR START Blue sky STOP	SKY CONDITIONS START Clear STOP Clear
WIND SPEED (MPH) START 3-5 STOP	WIND DIRECTION START NE STOP IVE
AVERAGE OPACITY FOR HIGHEST PERIOD 0.8	RANGE OF OPACITY READINGS MIN. 0 MAX. 5
SOURCE LAYOUT SKETCH 	
COMMENTS	

OBSERVATION DATE 11/7/07		START TIME 10:31				STOP TIME 11:30			
SEC	MIN				SEC	MIN			
	0	15	30	45		1	15	30	45
0	0	0	0	0	30	0	5	0	0
1	0	0	0	0	31	0	0	0	0
2	0	0	0	0	32	0	0	0	0
3	0	0	0	0	33	0	0	0	0
4	0	0	0	0	34	0	0	0	0
5	0	0	0	0	35	0	0	0	0
6	0	0	0	0	36	0	0	0	0
7	0	0	0	0	37	0	0	0	0
8	0	0	0	0	38	0	0	0	0
9	5	5	5	5	39	0	0	0	0
10	5	0	0	0	40	0	5	0	0
11	0	0	0	0	41	0	0	0	0
12	0	5	0	0	42	0	0	0	0
13	0	0	0	0	43	0	0	0	0
14	0	0	0	5	44	0	0	0	0
15	0	0	0	0	45	0	0	0	0
16	0	0	0	0	46	0	0	0	0
17	0	0	0	5	47	0	0	0	0
18	0	0	0	0	48	0	0	0	0
19	0	0	0	0	49	0	0	0	0
20	0	0	0	0	50	0	0	0	0
21	0	0	0	0	51	0	0	0	0
22	0	0	0	0	52	0	0	0	0
23	0	0	0	0	53	0	0	0	0
24	0	0	0	0	54	0	0	0	0
25	0	0	0	0	55	0	0	0	0
26	0	0	0	0	56	0	0	0	0
27	0	0	5	5	57	0	0	0	0
28	0	0	0	0	58	0	0	0	0
29	0	0	0	0	59	0	0	0	0

Observers Signature: *Joseph Panetta*

Date: **11-7-07**

Observers Organization: Florida Department of Environmental Protection

Observer Name and Certified By:

EASTERN TECHNICAL ASSOCIATES

JOSEPH PANETTA

PAN716659 STUDENT ID NUMBER

met the specifications of Federal Reference Method 9 and qualifies as a visible emissions evaluator. Maximum deviation on white and black smoke did not exceed 7.5% opacity and no single error exceeding 15% opacity was incurred during the certification test conducted by Eastern Technical Associates of Raleigh, NC. This certificate is valid for six months from date of issue and expires on the date below.

TAMPA, FL	8/15/2007	352735
SCHOOL LOCATION	DATE OF SCHOOL	CERT NUMBER
TMPS06	2/14/2008	
LAST LECTURE	EXPIRATION DATE	BEARER

Air OBSERVATIONS, Inc.

October 18, 2007

Mr. Chris Bradley
State Of Florida
Dept. Of Environmental Protection
13051 Telecom Parkway
Tampa, Florida 33637

Dear Chris,

As his letter is to notify you that, Method 9 compliance testing has been scheduled at the following facility(s) in your district:

Hooper Funeral Home
Dwight Hooper – 352/726-2271
Facility I.D. No. 017-0014
November 7, 2007
To begin at 10:00 A.M.

I trust the above is satisfactory. Please call if you have any further questions. If there is any change in this schedule, we will notify you.

Sincerely,

Pamela

Pamela LeBoss

Copy To: Ms. Rhonda Hughes/FDEP Tampa District

Joe P.
Rhonda

20 days

ENVIRONMENTAL TESTING AND CONSULTING