



# HUMAN CREMATORY



## COMPLIANCE INSPECTION CHECKLIST

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

**AIRS ID#:** 0810062 **DATE:** 05012008

**ARRIVE:** 0945

**DEPART:** 1152

**FACILITY NAME:** GRIFFITH-CLINE FUN'L&CREMATION SVCS INC

**FACILITY LOCATION:** 720 MANATEE AVE W

BRADENTON 34205

**OWNER/AUTHORIZED REPRESENTATIVE:** KENNETH GRIFFITH **PHONE:** (941)748-1011

**CONTACT NAME:** Rick Grover

**PHONE:** (941)748-1011

**ENTITLEMENT PERIOD:** 11/4/2007 / 11/4/2012  
(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

05012008

Inspector's Name (Please Print)

Date of Inspection

Inspector's Signature

Approximate Date of Next Inspection

**COMMENTS:** This is a new facility. The funeral Home performed a VE test today and I observed the test. Spoke with Mr. Rick Grover about rules. Went over rules; explaining maintenance schedules, preventive maintenances schedules and how the rule addresses the operation of crematories according to manufacturer's specifications. Explained the annual VE requirement. Mr. Grover provided maintenance schedules, preventive maintenance schedules and chlorinated plastics documentation. Mr. Grover had copy of rules on premise. He seemed to understand the requirements. I did explain allowed materials. Human crematory units shall cremate only human or fetal remains with appropriate containers. The remains may be clothed. The containers shall contain no more than 0.5 percent by weight chlorinated plastics as demonstrated by the manufacturer's data sheet. If containers are incinerated, documentation from the manufacturers certifying that they are composed of 0.5 percent or less by weight chlorinated plastics shall be kept on-file at the site for the duration of their use and for at least two (2) years after their use. No other material, including biomedical waste shall be incinerated. Viewed Records from March 18, 2008 to May 1, 2008.

Unchecked boxes indicate does not apply due to rule change.

# VISIBLE EMISSIONS EVALUATION

COMPANY <b>GRIFFITH CLINE</b>	
UNIT	
ADDRESS <b>720 Manake Ave W Bradent 34205</b>	
PERMIT NO. <b>0810062-0418</b>	COMPLIANCE YES - NO -
AIRS NO. <b>0810062</b>	EU NO. <b>001</b>
PROCESS RATE <b>1 Average Human</b>	PERMITTED RATE <b>2 500 LBS PH</b>
PROCESS EQUIPMENT <b>After Burner - Crematory</b>	
CONTROL EQUIPMENT <b>After Burner</b>	
OPERATING MODE <b>Normal</b>	AMBIENT TEMP (BF) START <b>74°F</b> STOP <b>78°F</b>
HEIGHT ABOVE GROUND LEVEL START <b>23'</b> STOP -	HEIGHT RELATIVE TO OBSERVER START <b>23'</b> STOP -
DISTANCE FROM OBSERVER START <b>150'</b> STOP	DIRECTION FROM OBSERVER START <b>240 SW</b> STOP
EMISSION COLOR <b>None</b>	PLUME TYPE CONTIN. - INTERMITTENT -
WATER DROPLETS PRESENT? NO - YES -	IS WATER DROPLET PLUME ATTACHED - DETACHED -
POINT IN PLUME AT WHICH OPACITY WAS DETERMINED START STOP <b>U/A</b>	
DESCRIBE BACKGROUND START STOP <b>SKY</b>	
BACKGROUND COLOR START STOP <b>Blue</b>	SKY CONDITIONS START STOP <b>Clear</b>
WIND SPEED (MPH) START <b>0-3</b> STOP	WIND DIRECTION START <b>NE</b> STOP
AVERAGE OPACITY FOR HIGHEST PERIOD <b>0.0</b>	RANGE OF OPACITY READINGS MIN. <b>0.0</b> MAX. <b>0.0</b>
SOURCE LAYOUT SKETCH	
COMMENTS	
<b>Relative Humidity 63%</b>	

OBSERVATION DATE					START TIME					STOP TIME				
5/01/08					10:10					11:09:45				
SEC					SEC									
MIN	0	15	30	45	MIN	1	15	30	45					
0	0	0	0	0	30	0	0	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	0	0	0	0	39	0	0	0	0					
10	0	0	0	0	40	0	0	0	0					
11	0	0	0	0	41	0	0	0	0					
12	0	0	0	0	42	0	0	0	0					
13	0	0	0	0	43	0	0	0	0					
14	0	0	0	0	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	0	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	0	0	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:

Date:

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  
SCHOOL LOCATION

2/13/2008  
DATE OF SCHOOL

358563  
CERT NUMBER

TMPS06  
LAST LECTURE

8/14/2008  
CERTIFICATION EXP DATE

BEARER

**MANUFACTURER'S SAFETY DATA SHEETS (MSDS)**  
**Containers Used for Cremation**

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Date:

Container Manufacturer - Batesville Casket Co., Inc.  
Telephone # - (812) 934-7573  
Fax # - (812) 934-1720  
Container Trade Name - Options Cremation  
Caskets/Containers  
Container Model Number - Endicott Cherry

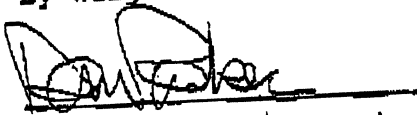
Please include: Company Name: Batesville Casket Co., Inc.  
Address: 705 East Pearl Street  
Batesville, In 47006  
Contact: Dan Parker  
Telephone #: (812) 934-7573  
FAX #: (812) 934-1720

NOTE: This MSDS is to be furnished to each crematory for each separate container used for cremation.

The crematory will maintain copies for a period of two (2) years. In lieu of this procedure a crematory may maintain copies in a permanent three ring binder.

This is to certify that this product does not contain more than 0.5% by weight of chlorinated plastics.

By:

  
Title: Director of Product Development

**MANUFACTURE'S DATA SHEETS (MDS)**  
Containers Used for Cremation

Date	January 2, 2004
Manufacturer	Matthews Cremation, Elder Davis Plant
Telephone	765-966-7679
Fax	765-962-4507
Container Trade Name	Veneera
Container Model Number (s)	All Veneer units
Company Name and Address	Matthews Cremation, Elder Davis Plant 1010 Industries Road Richmond, IN 47374
Contacts	Kathy West or Dwayne Fleeter

NOTE: This MDS is to be furnished to each crematory for each separate container used for cremation.  
The crematory will maintain copies for a period of two (2) years. In lieu of this procedure, a crematory may maintain copies in a permanent three ring binder.  
This is to certify that this product does not contain more than .05% by weight of chlorinated plastics.

BY: Ron Roberts  
Title: Purchasing



# Air OBSERVATIONS, Inc.

ENT'D APR 22 2008

April 22, 2008

Ms. Danielle Henry  
State Of Florida  
Dept. Of Environmental Protection  
13051 Telecom Parkway  
Tampa, Florida 33637

Dear Danielle,

This letter is to notify you that, as per our telephone conversation, Method 9 compliance testing has been rescheduled at the following facility(s) in your district:

Griffith-Cline Funeral Home  
Rick Grover – 941/748-1011  
Facility I.D. No. 081-0062  
May 1, 2008  
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: Mr. Gary Shaffer/Manatee County Government

# Air OBSERVATIONS, Inc.

April 8, 2008

Mr. Gary Shaffer  
Environmental Management Department  
Air Quality Division  
202 6<sup>th</sup> Avenue East  
Bradenton, Florida 34208

*Declined*  
*Rescheduled*  
*For*  
*5/1/08*

Dear Gary,

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

Griffith-Cline Funeral Home  
Rick Grover – 941/748-1011  
Facility I.D. No. 081-0062-001-AG  
April 22, 2008  
To begin at 10:00 A.M.

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: Bill Schroder/State Of Florida/Dept. Of Environmental Protection

ENVIRONMENTAL TESTING AND CONSULTING

P.O. Box 290535 • Tampa, Florida 33687 • 813/988-5100

# Air OBSERVATIONS, Inc.

ENT'D MAR 24 2008

March 24, 2008

Mr. Gary Shaffer  
Environmental Management Department  
Air Quality Division  
202 6<sup>th</sup> Avenue East  
Bradenton, Florida 34208

*NO show*

Dear Gary,

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

Griffith-Cline Funeral Home  
Rick Grover – 941/748-1011  
Facility I.D. No. 081-0062-001-AG  
April 10, 2008  
To begin at 10:00 A.M.

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: Bill Schroder/State Of Florida/Dept. Of Environmental Protection

*22828*

ENVIRONMENTAL TESTING AND CONSULTING

P.O. Box 290535 • Tampa, Florida 33687 • 813/988-5100