

Inspection Report Form

PAGE 1 OF 1

Florida Department of Environmental Protection, Southwest District

FACILITY: Gentry Morrison Funeral Homes

Complaint # N/A

COUNTY: Polk

ADDRESS: Lewis Hall
18330S. Florida Ave
Lakeland 33801

INSPECTION DATE: 12/17/2007

TIME IN: 1223

TIME OUT: 1431

CONTACT: Susan Raney (863) 682-3155

INSPECTION TYPE: Follow Up Inspection

EU(s) INSPECTED: EU001

SOURCE DESCRIPTION: Human Crematory

CURRENT PERMIT: 1050354

PERMIT EXPIRATION DATE: 04/26/2012

INSPECTION FINDINGS

12/17/2007-Joseph Panetta and William Schroeder conducted a follow up inspection at the above facility.

During the inspection we did find retort instructions stating to turn opacity meter off after 15 or 20 minutes. When the operations manual says the pollution on/off switch.....will deactivate the pollution system and should be used only when servicing the unit.

During the inspection it was noted that operator name, date, time, temperature markings and operator indication of when cremation begins in primary chamber is not documented on the charts.

I did explain to Ms. Raney and Mr. Lyons during the last inspection placement of the indication when cremation begins the requirement of the time and all documentation required on charts.

Speaking with Ms. Raney about plastic container requirements she stated they no longer burn the plastic body bags. They now remove the body from the plastic bag and dispose of the bag with the medical waste. I asked Ms. Raney to write a memo to file explaining this procedure and please keep a copy in the binder with her records.

In the file there was there was a copy of the General Permit/Application that I left during the previous inspection (March 2007) with all the highlighted areas of high significance. I did explain the entire rule is important to know and understand. I also left a copy of a blank inspection form.

01/08/2007 2:22pm Called facility and spoke with Susan Raney. I asked when the operating procedure hanging from retort was implemented. Ms. Raney stated it was shortly after the last inspection. Ending our conversation with a request to send in the charts for cremation #1168, # 1191, #1192, and # 1233. Ms. Raney agreed.

COMPLIANCE STATUS: MNC

INSPECTOR'S SIGNATURE:

INSPECTOR'S NAME:

DATE:

Joseph V. Panetta

01/08/2008

OPERATIONS MANUAL

SER# 604-387-01

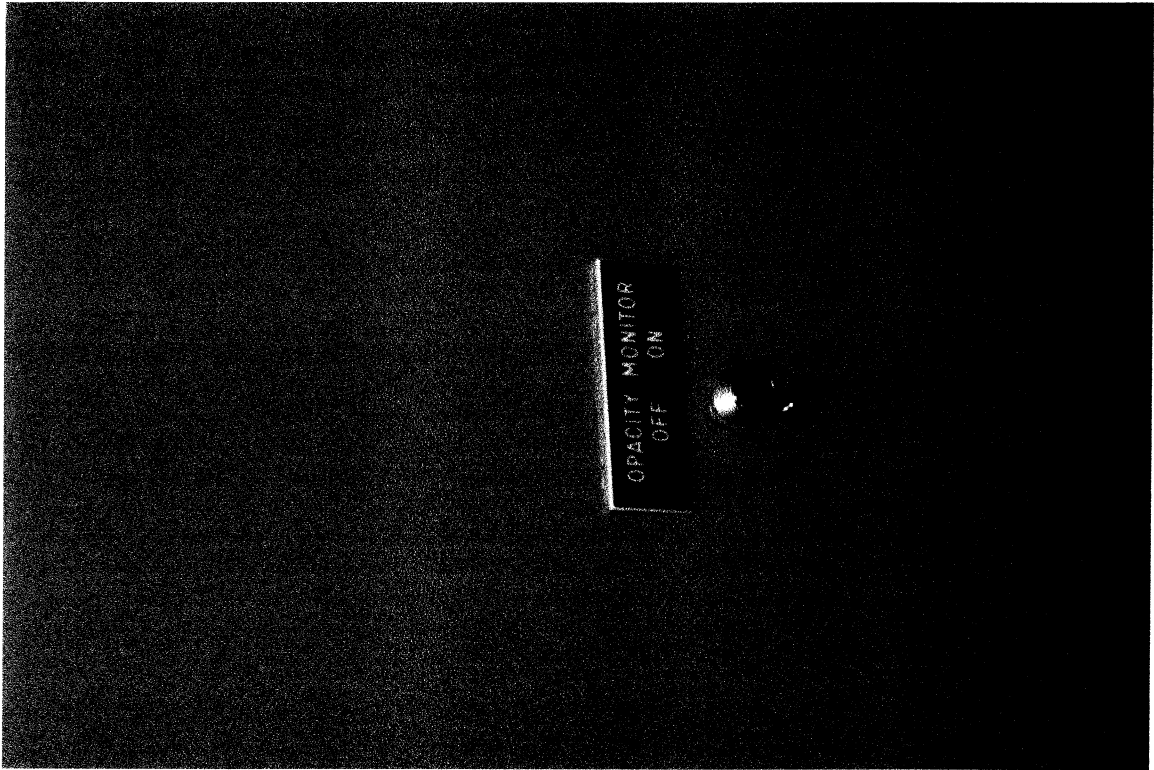
N-20 Series CREMATION RETORT

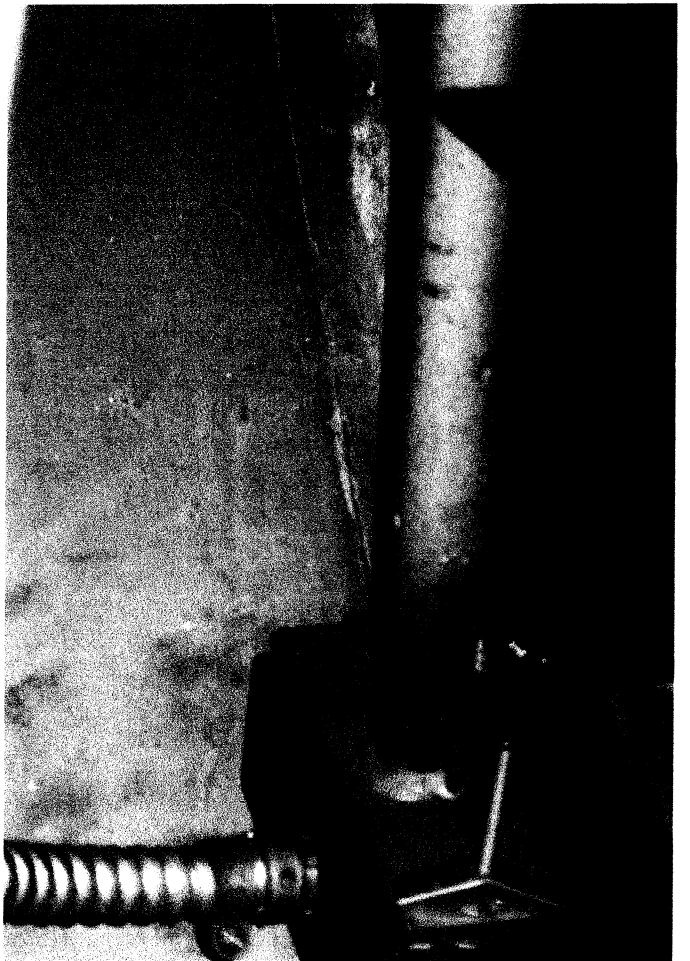
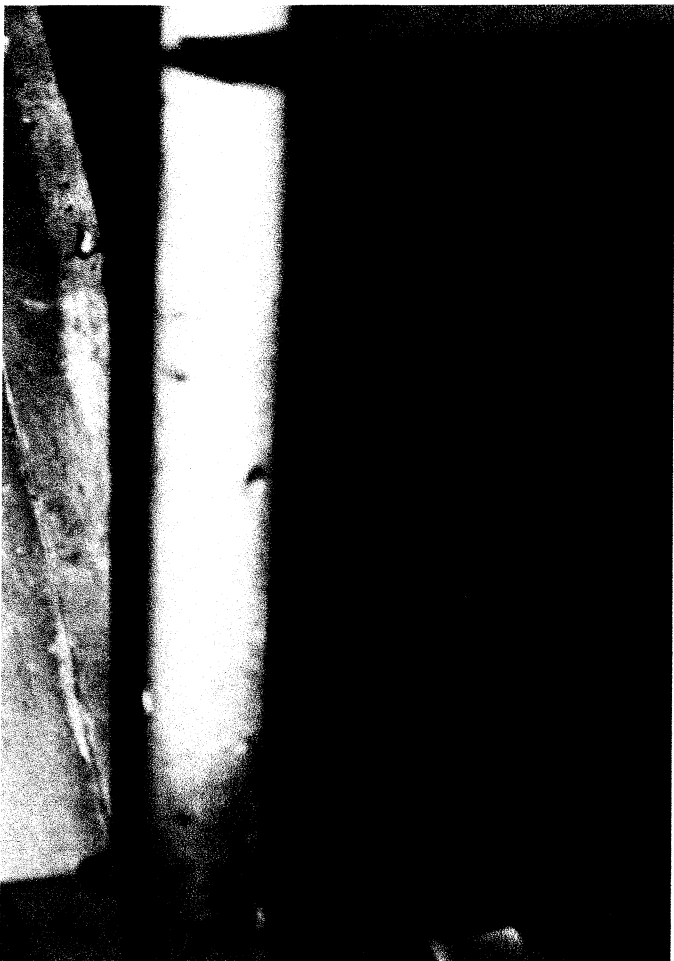
**GENTRY MORISON FUNERAL
HOME**



CREMATION SYSTEMS, INC. 10000 W. 10TH AVENUE, DENVER, CO 80202
**Cremation
Systems, Inc.**

1-800-622-5411 727-541-4666 Facsimile 727-547-0669





SECTION I

CONTROL PANEL SEQUENCE

K. OPACITY LAMP ON (RED)

This lamp does not come on during a normal operational sequence, however should it illuminate, it signals that the emission control equipment has been activated and the ignition, cremation and hearth air lamps will go off for a timed period slowing the rate of combustion, allowing the afterburner to 'catch up' with the emissions. This cycle will last approximately three to five (3-5) minutes and then return the unit to its normal cycle. The pollution *on/off* switch mounted on the back of the panel will deactivate the pollution system and should be used only when servicing the unit.

L. HEARTH AIR OFF / AUTO SWITCH

This switch overrides the automatic start of the hearth air. If additional air is required during the cremation the switch can be placed in the manual position. If no air is required the *off* position is used. Auto will allow the hearth air to come on for the first thirty (30) minutes and shut off with the start of the cremation flame cycle and restart throughout the cool down sequence.

M. HEARTH AIR ON LAMP (ORANGE)

When illuminated this lamp indicates that the hearth air has been activated.

N. COOL DOWN LAMP (GREEN)

The cool down lamp will illuminate at the end of the cremation cycle for approximately one hour. This lamp is automatically controlled by the cooling sequence. This sequence can be shortened by turning the power switch to the *off* position, however, it is recommended that this only be done if another cremation is to be processed. (see operating sequence)

O. DOOR UP PUSH BUTTON (BLACK)

Pushing and maintaining the up button opens the main door.

P. DOOR DOWN ILLUMINATED PUSH BUTTON (RED)

Door will automatically close and seal or will stop when button is released. If red light is on, door is not shut correctly.

Q. AFTERBURNER FAILURE (RED)

Indicates flame failure. (See Troubleshooting)

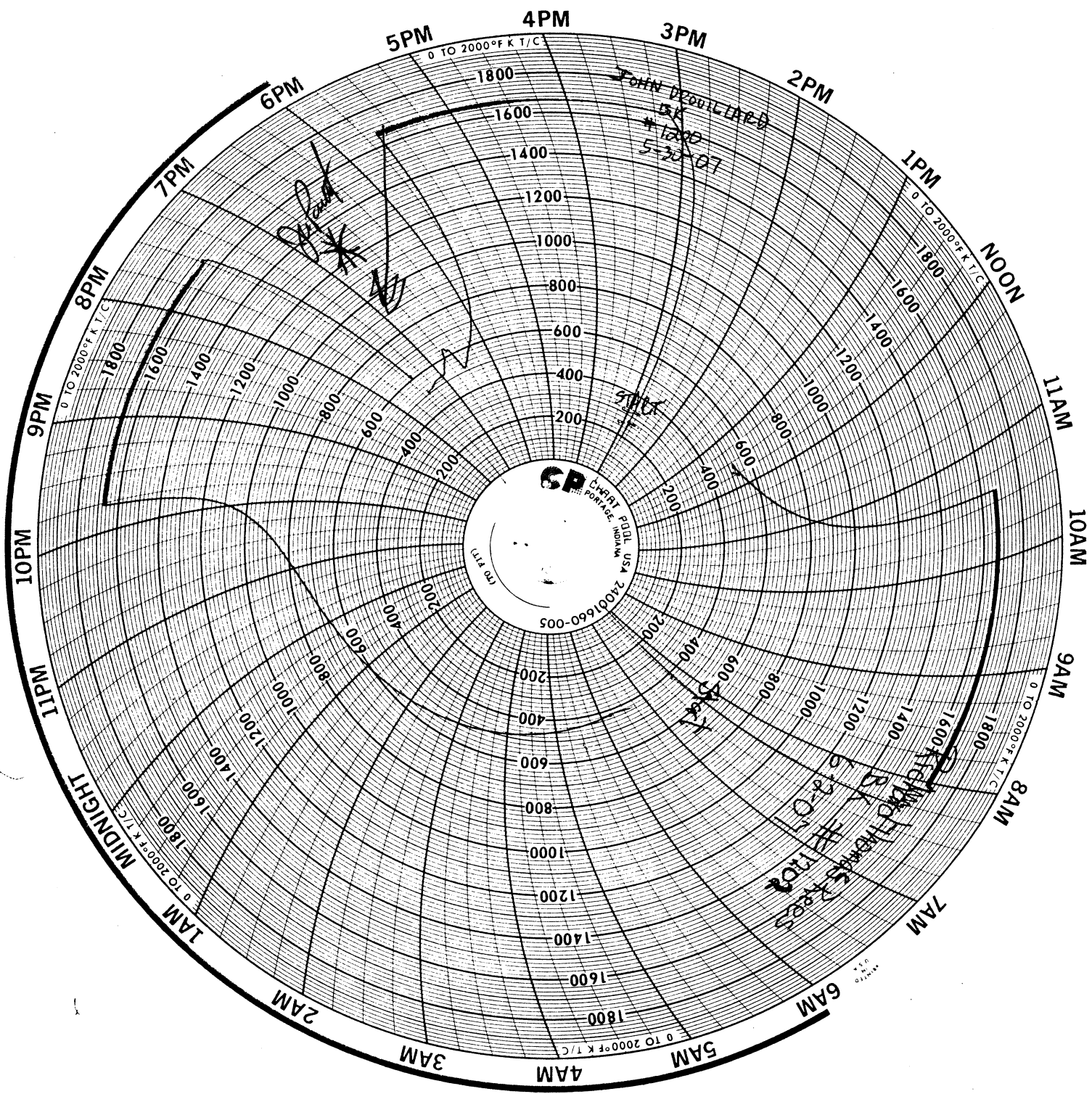
Retort Log Instructions

1. Round Chart is installed properly.
2. The Deceased name, cremation number, estimated weight, date, your name, and start time have been written on Round Chart.
3. Place with magnet clip to outside of retort - Cremation # Coin, Family Authorization, Burial Transit, and Photo ID and ID bands.
4. Turn Opacity Light Switch **ON**.
5. Start Crematory.
6. Turn Opacity Light Switch **OFF** after 15 to 20 minutes.
(IF YOU CAN'T WAIT INSTRUCT SUSAN OR SOMEONE TO TURN OPACITY LIGHT OFF FOR YOU. BODY WILL NOT CREMATE IF OPACITY SWITCH IS LEFT ON.)

**Gentry-Morrison Crematory
Cremation Problem Log**

Date	Deceased	ID #	Issue	Solution	Operator
3/27/2007	Evelyn Sherry	1153	Not fully cremated	extended cremation for one addit. hour	K. Lyon
3/28/2007	Virginia Kirkland	1154	ran through cycle- body just charred	called B&L; no suggestions other than make sure ignition lights are on and valves have not be tampered with. Restarted cremation	K. Lyon
3/30/2007	Maybelle Hills	1156	Cremation Failure indicated	restarted - ran fine	K. Lyon
		1168	Cremation Failure indicated	cleaned rods/plugs - ran fine	K. Lyon
		1191	Remains not cremated in time allowed	Ron Nails restarted crematory twice remains fully cremated	B. Konseck R. Nails
		1192	Remains not cremated in time allowed	Kelly restarted crematory remains fully cremated	K. Lyon
		1200	Remains not cremated in time allowed	Kelly notice that Opacity Switch was left in the "on" position. Turned it off and restarted	B. Konseck
		1233	Remains not cremated in time allowed	added extra time on timer	K. Lyon

Handwritten signature/initials



5PM

4PM

3PM

2PM

1PM

NOON

11AM

10AM

9AM

8AM

7AM

6AM

5AM

4AM

3AM

2AM

1AM

MIDNIGHT

11PM

10PM

9PM

8PM

7PM

6PM

0 TO 2000°F K T/C

0 TO 2000°F K T/C

0 TO 2000°F K T/C

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CP
COURT REPORTS
INDIANA
USA 24001660-005

JOHN DEWILKARD
5K
*1200
5-20-07

STUCK

ST. HELENS
5-20-07

SECTION IV

SERVICE AND MAINTENANCE

PERIODIC SERVICING

WARNING

Turn off both gas and electrical supplies to the unit before attempting service.

A. SPARK PLUGS (SEMI ANNUALLY)

Each burner has a spark plug located near the base of the burner (*see figure 1A*) carbon deposits can foul spark plugs causing intermittent firing resulting in a flame failure condition. To clean the plug first remove the spark wire attached to the end of the plug by pulling on the snap on connector.

NOTE: Do not pull on wire. The plug can now be removed by unscrewing with a wrench. Once removed from the housing, steel wool or sand paper should be used to clean the contact points. After cleaning reassemble spark system.

B. FLAME DETECTORS (SEMI ANNUALLY)

Each burner has a flame rod detection system, located next to the spark plug (*see figure 1A*). The same method of disassembly and cleaning should be used as above (*see spark plug*). **NOTE:** Corrosion from service will require the flame rod to wear out. Pitting in the rod's surface will cause failures and the rod should be replaced.

C. OPACITY CONTROL SYSTEM (MONTHLY)

The pollution control system has two components, a transmitter (light) and a reflector. Both glass lenses should be wiped clean with a soft dry cloth. Excessive dirt can be removed with a small amount of window cleaning fluid. It is important to make sure the pollution control system is recalibrated from time to time to ensure proper operation of the system. A small knob is located on the transmitter. With the power on, place the small plastic lens (attached to the transmitter by a chain) in front of the lamp. Decrease the lamps intensity by rotating the knob counter clockwise, when the *red lamp* located on top of the transmitter goes off, remove the lens from the lamps beam and the lamp should illuminate, if not, increase the lamps intensity until it does and recheck the system by once again placing the lens in the beam. Correct lamp intensity is when the lamp goes off only when the plastic lens is interrupting the beam.

AIR TESTING & CONSULTING

333 FALKENBURG RD. N. B-214 TAMPA, FLORIDA 33619 • (813) 651-0878 • FAX (813) 653-9082

Dept. of Environmental
Protection

DEC 31 2007 December 24, 2007

Southwest District

Chris Bradley
Department of Environmental Protection
13051 North Telecom Parkway
Temple Terrace, FL 33637-0926

**Re: Gentry-Morrison Funeral Home
1050354-002-AG**

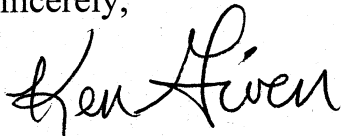
Dear Chris:

Enclosed are two (2) copies of the compliance test reports for Gentry-Morrison Funeral Home. The following test was performed:

- ID 001 - Crematory - Method 9 (visible emissions)

If you have any questions, please contact me at (813) 651-0878.

Sincerely,



Kenneth Given, P.E.
President

cc: Lew Hall, Gentry-Morrison

AIR TESTING & CONSULTING, INC.

(813) 651-0878

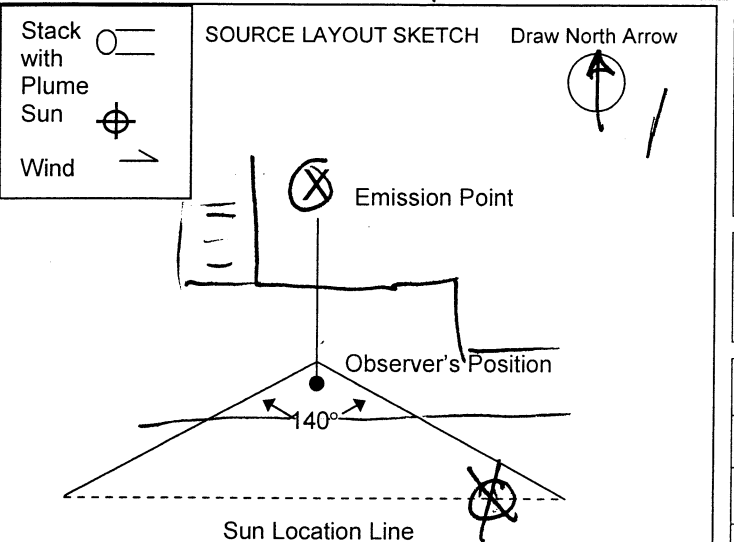
Facility Name GENTRY-MORRISON		Permit Number 1050354-002-AG	
Source FUNERAL HOME		I.D. No. 001	
Address 1833 S. FLORIDA AVENUE			
City LAKELAND		County POLK	Zip 33803
Contact LEW HALL		Phone 863-688-7679	

Process Equipment CREMATORY		Max. Operating Rate 150 LBS	
Control Equipment AFTERBURNER		Operating Mode > 1600°	

Fuel Type/Rate NATURAL GAS		Material Type/Rate HUMAN REMAINS - 125#s	
Describe Emission Point Start STACK EXIT			
Height Above Ground Level Start 15 Stop <input checked="" type="checkbox"/>		Height Relative to Observer Start 10 Stop <input checked="" type="checkbox"/>	
Distance from Observer Start 90' Stop <input checked="" type="checkbox"/>		Direction from Observer Start N Stop <input checked="" type="checkbox"/>	

Describe Emissions <input type="checkbox"/> Coning <input type="checkbox"/> Fumigating <input checked="" type="checkbox"/> None Stop <input type="checkbox"/> None <input type="checkbox"/> Looping <input type="checkbox"/> Lofting <input type="checkbox"/> Fanning			
Emission Color Start None Stop <input checked="" type="checkbox"/>		Plume Type <input type="checkbox"/> Continuous <input checked="" type="checkbox"/> N/A <input type="checkbox"/> Intermittent	
Water Droplets Present <input type="checkbox"/> No <input type="checkbox"/> Yes		Water Droplet Plume <input type="checkbox"/> Attached <input type="checkbox"/> Detached <input type="checkbox"/> None	
Point in the Plume at which Opacity was determined Start _____ Stop _____			

Describe Background Start SKY Stop <input checked="" type="checkbox"/>		Ambient Temp. Start 66° Stop <input checked="" type="checkbox"/>	
Background Color Start Blue Stop <input checked="" type="checkbox"/>		Sky Conditions <input checked="" type="checkbox"/> Clear <input type="checkbox"/> Scattered <input type="checkbox"/> Broken <input type="checkbox"/> Overcast	
Wind Speed Start 2-6 Stop <input checked="" type="checkbox"/>		Wind Direction Start N Stop <input checked="" type="checkbox"/>	



Observation Date 12-21-07					Start Time 8:00				Stop Time 9:00			
SEC					SEC							
MIN	0	15	30	45	MIN	0	15	30	45			
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			
30.	0	0	0	0	60.	0	0	0	0			

Average Opacity for Highest 24 Consecutive Readings 0	Range of Opacity Readings Min. 0 Max. 0
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Observer's Name (Print) KENNETH GIVEN	
Observer's Signature <i>Kenneth Given</i>	Date 12-21-07
Certified by E.T.A.	
Date 8/14/07	

I certify the above process rate data is true to the best of my knowledge.

SIGNATURE *Poes* Date **12-21-07**

AIR TESTING & CONSULTING, INC.

(813) 651-0878

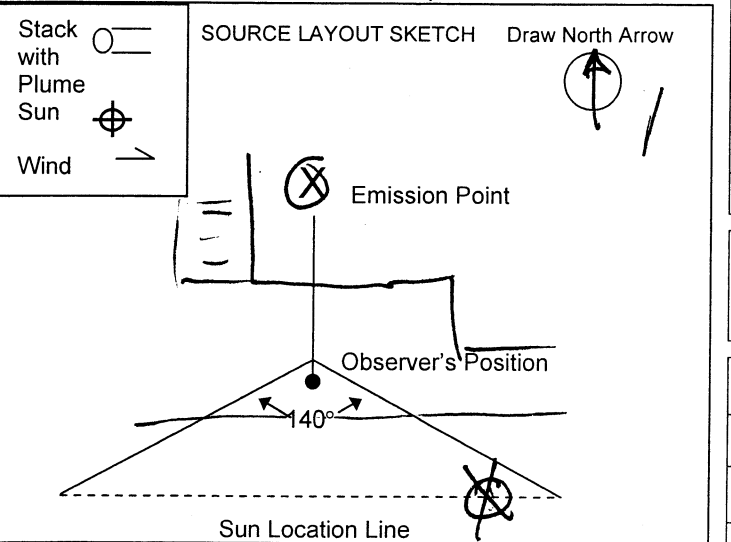
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Distance from Observer Start 90' Stop <input checked="" type="checkbox"/>	Direction from Observer Start N Stop <input checked="" type="checkbox"/>

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Emission Color Start None Stop <input checked="" type="checkbox"/>	Plume Type <input type="checkbox"/> Continuous <input checked="" type="checkbox"/> Intermittent N/A
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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		
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30.	0	0	0	0	60.	0	0	0	0		

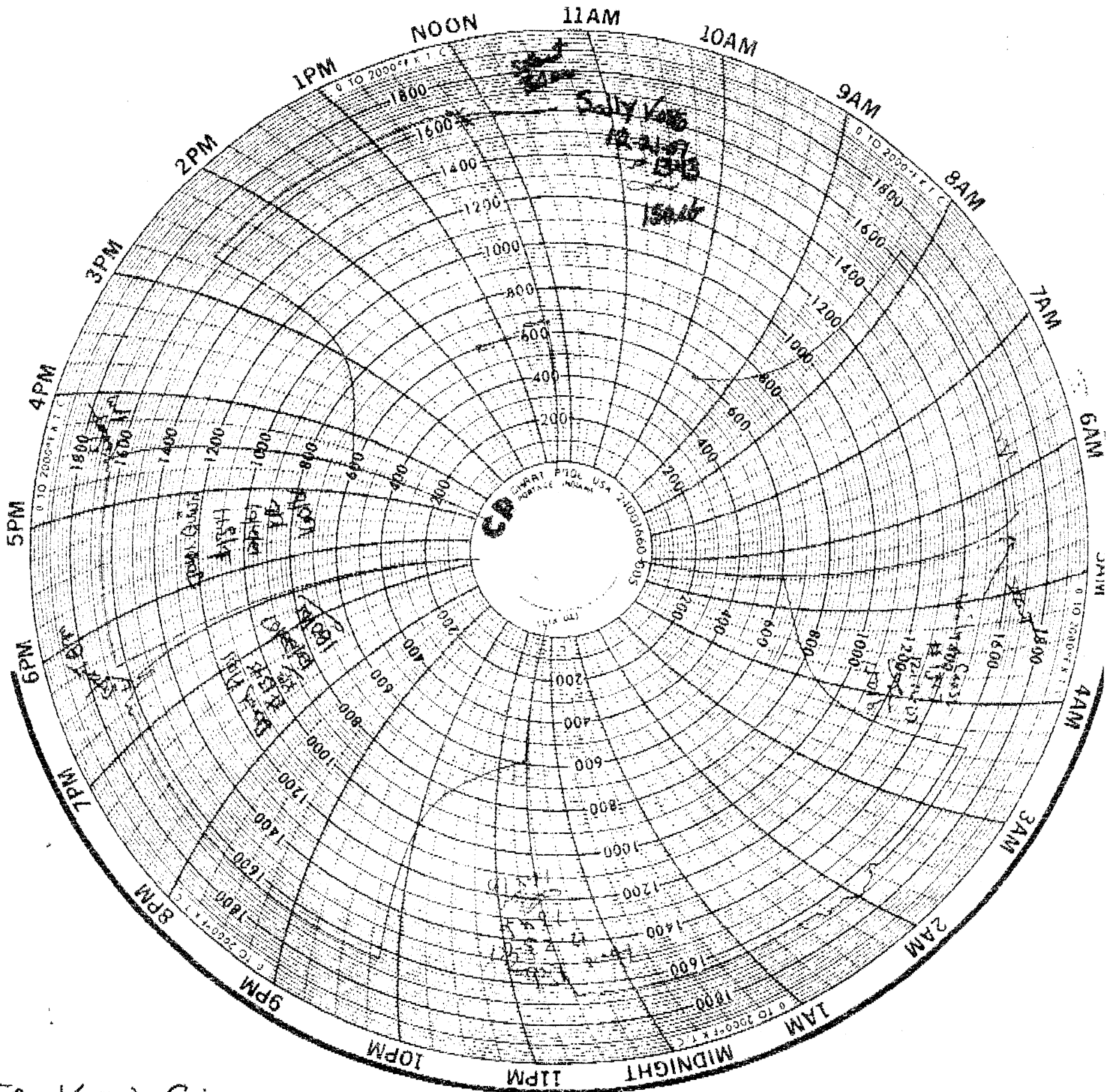
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Observer's Name (Print) KENNETH GIVEN	
Observer's Signature <i>Kenneth Given</i>	Date 12-21-07
Certified by E.T.A.	
Date 8/14/07	

I certify the above process rate data is true to the best of my knowledge.

SIGNATURE *Pacs* Date **12-21-07**

Comments



TO: KEN GIVEN

Emission TEST ON 12/21/07 (SALLY VOSS #1343)
150 lb

GENTRY-MORRISON FUNERAL HOME
1833 S. FLORIDA AVE
LAKELAND, FL 33803
863/682-3155