

#### **HUMAN CREMATORY**

#### COMPLIANCE INSPECTION CHECKLIST



Compliance ANNUAL (INS1, INS2) COMPLAINT/DISCOVERY (CI) **INSPECTION TYPE:** RE-INSPECTION (FUI) ARMS COMPLAINT NO. AIRS ID#: 1050428 DATE: 12142009 ARRIVE: 0828 **DEPART: 1238** FACILITY NAME: OAKRIDGE CREMATION SERVICES LLC FACILITY LOCATION: 2175 S 30TH ST HAINES CITY 33844-8705 OWNER/AUTHORIZED REPRESENTATIVE: DAVID HOLT PHONE: (863)293-4127 CONTACT NAME: David Holt PHONE: 8632934127 **ENTITLEMENT PERIOD:** 11/17/2008 / 11/17/2013 (effective date) (end date) PART I: INSPECTION COMPLIANCE STATUS (check ☑ only one box) ☐ MINOR Non-COMPLIANCE ☐ SIGNIFICANT Non-COMPLIANCE ☑ IN COMPLIANCE PART II: TESTING/RECORDKEEPING REQUIREMENTS - Rule 62-296.401, F.A.C. (check **☑** appropriate box(es)) 2. Was a visible emissions test conducted during this site visit according to EPA Method 9 (Ref.: Chapter 3. In order to demonstrate individual source compliance, was an annual visible emissions test conducted within 30 days after the unit has commenced operation and annually thereafter (Rule 62-296.401(5)(h), F.A.C.)-4. Was all visible emissions testing conducted with the source operating at the manufacturers recommended 6. Was the required test report filed with the Department as soon as practical, but no longer than 45 days after the test was completed?----- X 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 a) Do temperature probes seem to be properly placed?------Under Review, see notes ------ 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)------ X Yes No PART III: OPERATING/RECORDKEEPING REQUIREMENTS - Rule 62-296.401, F.A.C. Cont.

(check ☑ appropriate box(es))	
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	X Yes  No
6) Adjustments	
7) Preventive maintenance performed on systems/devices	Yes 🔲 No
8) Corrective maintenance performed on systems/devices	
2. Was this crematory unit constructed: (check only one <b>☑</b> box)	
a) BEFORE August 30, 1989? (If this box checked, continue on to #3 and skip #4)	
b) Mor AFTER August 30, 1989? (If this box checked, skip #3 and continue on to #4)	
3. If constructed <b>BEFORE</b> 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?c) cremation in the primary chamber begun after the secondary chamber combustion zone temperature	Yes 🖵 No
is equal to or greater than 1400°F?	D Ves D No
d) required monitoring equipment installed and operational, and providing continuous monitoring to	<b>—</b> 163 <b>—</b> 140
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 <b>ON</b> or <b>AFTER</b> 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? Under Review, see notes	- Yes II 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?	☑ vas □ Na
c) secondary chamber combustion zone temperature equal to or greater than 1600°F before the cremation	
process begins in the primary chamber?	
5. Are appropriate cremation containers containing no more than 0.5 % (percent) by weight chlorinated	
plastics used during the cremation of dead human bodies?does not use plastic bags	☐ 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?	
b) Are there any other materials, including biomedical wastes (Rule 62-210.200, FAC) incinerated at	Tes Tivo
this location? does not use plastic bags	☐ Yes ☒ No
PART IV: EQUIPMENT MAINTENANCE – Rule 62-296.401, F.A.C.	
1. Is the crematory unit maintained in proper working order?	⊠Yes □No
2. Are there maintenance record kept onsite?	
3. Is there a written plan onsite which addresses the operating procedures during startup,	
shutdown and malfunction?	⊠Yes □No

PART V: SPECIAL CONDITIONS AND PROCED A. New or Modified Process Equipment	<u>URES</u> – Rule 62-210.310(2), F.A.C.	
Since the last inspection has there been		
• •	??	X  <sub>No</sub>
<ul><li>b) alterations to existing process equipment</li><li>c) replacement of existing equipment substant</li></ul>	without replacement?	
	Yes	IXI <sub>No</sub>
d) If you answered <b>YES</b> to any of the above,		
notification form and appropriate fee (Rul	le 62-4.050, F.A.C.) to the appropriate DEP or	
local program office?		□No
inspection. VE was performed by staff from Souther Charts from 11/19/08 through 1/10/09, 05/04/09 the for correct markings. Using this checklist facility seems of the correct markings.	VE, perform a routine inspection, and crematory initiative ern Environmental Services and audited by the Department. rough 07/04/2009 and from 10-29-09 through 12/13/09 were cleems to be incompliance at time of inspection. The crematory thermocouple(s) may not be properly placed. That will be add at Staff.	
Joseph V. Panetta  Inspector's Name  And  Six and  Six and  Inspector's Name  Inspec	Date of Inspection  Date of Inspection	
Inspector's Signature	Approximate Date of Next Inspection	

#### VISIBLE EMISSIONS EVALUATION

COMPANY DAKFIERE C	ROMATION SERVICES UC
UNIT Cremate	on Unit
ADDRESS 21	75 S. 36th St.
Hain	es city 338N
105 0428 - 001-46	COMPLIANCE NO-
AIRS NO. 105048	EUNOOI,
PROCESS RATE 75 18/1/2	PERMITTED RATE HUMAN
PROCESS EQUIPMENT BE, C	NIOAA
ACCUSTON FOR INCIDENT	ler Berner
DAMAN (+ DS	AMBIENT TEMP (BF) START 720 STOP 76°
HEIGHT ABOVE GOUND LEVEL START 30 STOP	HEIGHT RELATIVE TO OBSERVER START 25 STOP
DISTANCE FROM OBSERVER START /00 STOP	DIRECTION FROM OBSERVER START 340 STOP
EMISSION OPLOA	PLUME TYPE CONTIN INTERMITTENT
WATER DROPLETS PRESENT? YES -	IS WATER DROPLET PLUME ATTACHED ~ // GETACHED -
POINT IN PLUME AT WHICH OPACITY WAS START STARL LA	DETERMINED STOP
DESCRIBE BACKGROUND START	STOP
START BALLS STOR BIME	SKY CONDITIONS START BALL STOP
START O - 2 MUSTOP	WIND DIRECTION START STOP
AVERAGE OPACITY FOR HIGHEST PERIOD 1.458 %	RANGE OF OPACITY READINGS MAX. 20
SOURCE LAYOUT SKETCH	Draw North Arrow
6	Emission Point
•	
Sun Wind	
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Observers Signature:										
Date: /4/10										
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Observ	er Nam	e and	Certified	Ву:						

# **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.

LAST LECTURE CERTIFICATION EXPIDATE

TAMPA, FL

8/12/2009

375621

SCHOOL LOCATION

DATE OF SCHOOL

CERT NUMBER

TMPS09 2/11/2010

BEARER

# Southern Environmental Sciences, Inc. 1204 North Wheeler Street | Plant City, Florida 33563 | (813) 752-5014, Fax (813) 752-2475

#### **VISIBLE EMISSIONS EVALUATION**

COMPANY Oak ridge	Chamation Sources				
UNIT Human Crawatayum					
ADDRESS ZITS					
Haines	City, FL 33844				
PERMIT NO. 1050428 UU 1- AC.	COMPLIANCE? YEST NO []				
AIRS NO. 10504とな	EU NO. 00 /				
PROCESS RATE 120 16 body	PERMITTED RATE / adult size body				
PROCESS EQUIPMENT RJA んと					
CONTROL EQUIPMENT After	burner				
OPERATING MODE  NOTURAL GOS	AMBIENT TEMP. ("F) START ) / STOP ) 4				
HEIGHT ABOVE GROUND LEVEL START ~ 30 STOP ~ 30	HEIGHT RELATIVE TO OBSERVER START ~ 3 U STOP ~ 3				
DISTANCE FROM OBSERVER START ~ /U()STOP ~ / U()	DIRECTION FROM OBSERVER START 3380 STOP 338				
EMISSION COLOR 5/ack	PLUME TYPE CONTIN. [] INTERMITTENT.[2]				
WATER DROPLETS PRESENT? NO YES D	IS WATER DROPLET PLUME ATTACHED DETACHED DETACHE				
POINT IN PLUME AT WHICH OPACITY V	vas determined OP Tack elif				
DESCRIBE BACKGROUND START 5 ( ST	OP SKU				
BACKGROUND COLOR START 6/ GALSTOP SWINE	SKY CONDITIONS START birkin STOP Duml				
WIND SPEED (MPH) STARTCO/KN STOP CQ M	WIND DIRECTION START ON STOP				
AVERAGE OFACITY FOR HIGHEST PERIOD 1.46/2	RANGE OF OPACITY READINGS MIN. O MAX Z O				
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	EASTERN LECHNICAL ASSOCIATES									

#### STEPHEN SCHWEBKE

#### SCH404873 STUDENT ID NUMBER

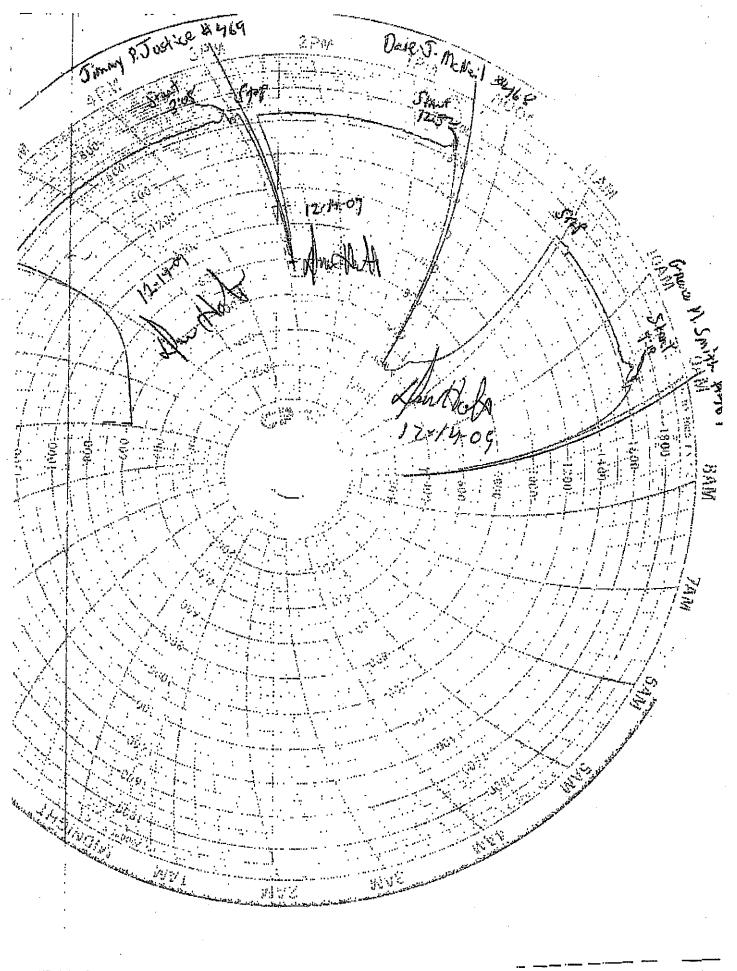
met the specifications of Federal Reference Method 5 and qualifies as a visible emissions evaluator. Maximum deviation on white and black smoke did not exceed 7.5% opacity and no single error exceeding 15% opacity was incurred during the certification tost conducted by Eastern Technical Associates of Raleigh, NC. This certificate is valid for six months from date of Issue and expires on the date below.

8/12/2009 TAMPA, FL SCHOOL LOCATION DATE OF SCHOOL TMPS09 2/11/2010 LAST LECTURE CERTIFICATION EXP DATE SEARER

I certify that all data provided to the person conducting the test was true and correct to the best of my knowledge:

Title Owner

Signature:



Facility Name:

OAK Ridge Cremation Service LLC
10 50428

Crematory Unit Number 01

12/14/09

Facility ID No:

<b>Crematory Unit Inform</b>	nation:
Emission Unit No.	001
Specifications:	BEIL N20 AA 150 CB/AR SN: 1160-943-08
	SN: 1160 -943-08
Thermocouple	Diagram/Description:
Location:	
	See ATTAcked DRAWING
Afterburner Location:	Diagram/Description:
	See Arracled DRAWING
·	
	•

Facility Name:

OAK RIGSE 1050428

Facility ID No:

Chart and Digital Logic	Controller:
Chart Make & Model:	Future Design DK 5000
Digital Logic Controller Make & Model:	Fatur Design: FDC 2010
	SN: 08033379
Chart Specifications:	0-2000
Digital Logic Controller Specifications:	370 MA @ 24UDC
Check for agreement between Chart & Digital Logic Controller	Agreement: YES Agreement: NO If NO, provide comments:
Chart Calibration:	Date of Last Calibration: 8-26-67  Calibration Preformed by: 13 & L Systems  Results of Calibration: See Approved
Digital Logic Controller Calibration:	Date of Last Calibration: 8-26-09  Calibration Preformed by: B & L  Results of Calibration: See Atypula
Digital Logic Controller Bias	Details of Bias:
	Chart Recorder reading at Bias determination:

SWD Crematory Inspection Checklist

July 10, 2009 Page 2 of 5

#### <u>Inspection list for Crematories</u>

Facility Name:

OAK RIDSE 1050428

Facility ID No:

	Comparison:
	If bias is found, request information of previous calibrations to determine when it was put in and by whom.
	Obtain copies of the recorder charts, during and after the check.
Chart Recorder	Scan in 2 years of temperature charts
Unit Maintenance	
Date of Last Service	
Name of Company Servicing Unit:	Name/Address/Phone #/email and/or fax # BELCIMPHON
	LANSO FL 1-800-622-5411
Description of repairs/adjustments:	See Attached Report
Maintananca Lace	VES NO
Maintenance Log: Maintained Routinely:	YES NO
The state of the s	If NO, provide comments.

SWD Crematory Inspection Checklist July 10, 2009

Page 3 of 5

Facility Name:

0AK Ridge 1050428

Facility ID No:

	·
	·
Repair Records 62-	2 years of records on-site: YES (NO)
296.401(5&6)(e), FAC:	
	If NO, provide comments. Opened A Little over
	70,000
	A YEAR ASO.
	y ferio 1100
62-210.310 (3), FAC - G	eneral Conditions:
Permit	11112008
	Issuance Date:
	Issuance Date: 11/17/2008  Expiration Date: 11/17/2013
	Expiration Date. 1111 (\ \Cot\)
Owner:	Same as permit: YE\$ NO
O WILLIAM	Same to perman
	If NO, provide current owner information:
a company of the comp	
The state of the s	Specific Conditions Human and Animal Crematories
Visible Emissions	YES
Particulate Matter	. 0
Emissions	Not Vegues
,	Not Required
Carbon Monoxide	(1 ')
(CO) Emissions	

SWD Crematory Inspection Checklist

July 10, 2009

Page 4 of 5

Facility Name:

0AK Ridse 1050428

Facility ID No:

Operating	
Temperatures	
Allowed Material	
Operating Procedures for start-up, shutdown and malfunction	VES in Manual
Air-to-Fuel Ration	NATural GAS @ 7 in WC (1.7 kPa)

Retention Time Calculations and Thermocouple Location:

NOTE If the temperatures cannot be met at the point or beyond where 1.0 second gas residence time is obtained in the secondary chamber combustion zone, then both the closer thermocouple location and bias would compensate for it.

SWD Crematory Inspection Checklist July 10, 2009 Page 5 of 5

OAK RUGE 1050 428 Thermo caple Aftabaran Left tide & machine en 4001 2.0 horn charge down 9.0" from wall / secondary charbor to fromt



# Jampe Cremation Systems, Inc.

7205 - 114th Avenue North + Largo, Florida 33773 1-800-622-5411 + 727-541-4666 + Facsimile 727-547-0669 www.blcremationsystems.com

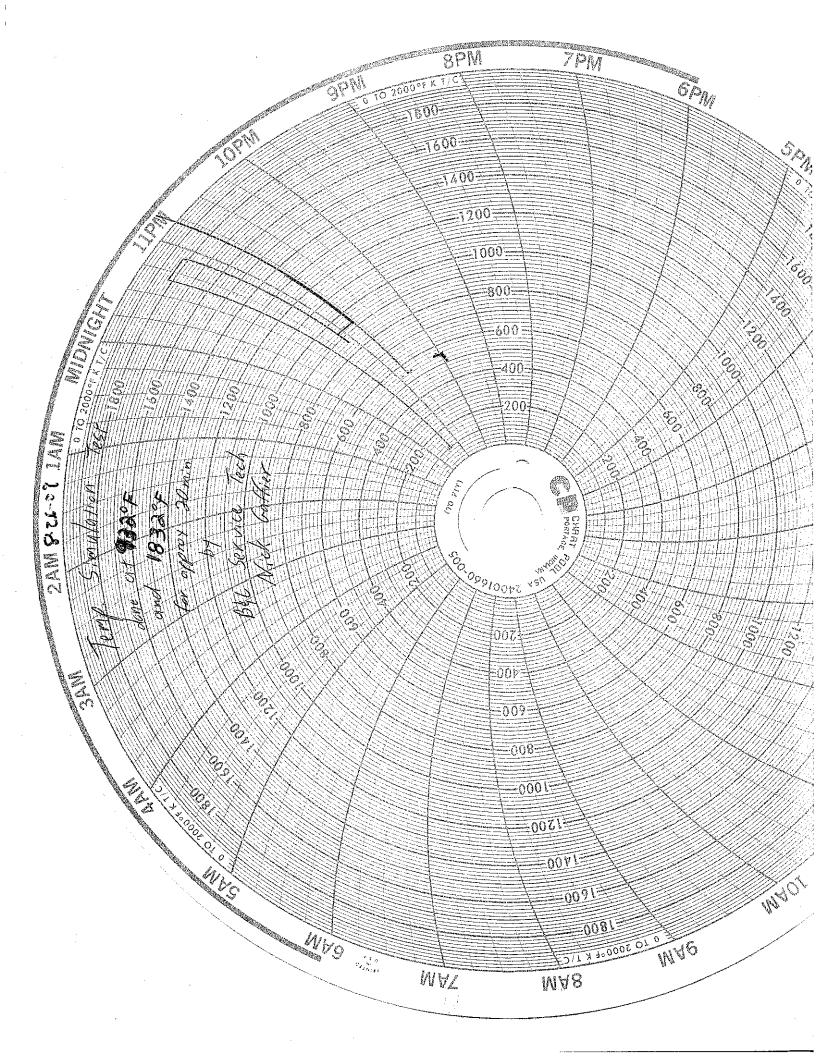
	SERVICE ORDER
Job number	Customer
Technician Date Started Date Finished Shop Time Out Job Time In	OAKRIDGE CREMATION SERVICES.LLC  Alr. Dave Holt 2175-South 30th Street Haines City.FL.33844 Ph:863-422-3933
Job Time Out	Contact
Problem Reported	Jan Jank and the South Book Replaced. Comment to the South South
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E. La JE & Transmission for	Lower to the great the total and the house of the face of the
Parts Used	Parts Ordered
The above described work ha	s been completed to my satisfaction.
Customer's Authorized Signa	ature Date



### Cremation Systems, Inc.

7205 - 114th Avenue North + Largo, Florida 33773 1-800-622-5411 + 727-541-4666 + Facsimile 727-547-0669 www.blcremationsystems.com

Job number	Customer
Date Ordered	
Technician	/ Oak Ridge Funeral Care
Date Started	Mr. Dave Holt
Date Finished	2175-South 30th Street Haines City,FL,33844
Shop Time Out	Ph:863-422-3933
Job Time In	<del>-</del>
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Shop Time In	Contact
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The above described work has been cor	ispieced to my sausiachon.
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Customer's Authorized Signature	Date





## Cremation Systems, Inc.

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Date Ordered		Ad OAKRIDGE CREMATION SERVICES,LLC
Technician		Mr. Dave Holt
Date Started	7 28 709 Vaz 700	2175-South 30th Street Haines City,FL.33844
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Parts Used		Parts Ordered
The above described v	vork has been com	pleted to my satisfaction.
Customer's Author	ized Signature	Date
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### Cremation Systems, Inc.

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Date Finished	<u> </u>		2175-South 30th Street	
Shop Time Out			Haines City.FL.33844 Ph:863-422-3933	
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