

**Source Test Report
for
Particulate, Visible and CO Emissions**

EPA Methods 1-5, 9 and 10

Report 2982-S

March 03 and 04, 2010

prepared for

**Guiding Light Cremations LLC
Unit 1
Facility ID 0112701**



Arlington Environmental Services, Inc.

Post Office Box 657 ~ Okeechobee, Florida 34973 ~ Telephone 863.467.0555

2.0 Certification of Test Results

Facility Tested: Guiding Light Cremations LLC
2431 SW 56th Terrace
West Park, FL 33325

Type Process - Human Crematory

Abatement Device - Afterburner

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Run Numbers 1, 2 and 3

Actual Particulate Emissions - 0.0201 gr/dscf (corrected to 7% O₂)

Allowable Particulate Emissions - 0.0800 gr./dscf (corrected to 7% O₂)

Actual Carbon Monoxide Emissions - 10.37 ppm (corrected to 7% O₂)

Allowable Carbon Monoxide Emissions - 100 ppm (corrected to 7% O₂)

Actual Visible Emissions - 0.0%

Allowable Visible Emissions - 5% with 15% allowed for a six minute period in one hour

All testing and analysis were performed in accordance with the Florida Department of Environmental Protection Human Crematory Rule 62-296.401(5), Florida Administrative Code.

I hereby certify that to my knowledge, all information and data submitted in this report is true and correct.



William D. Arlington
Project Director

5.0 Summary of Results
 Guiding Light Crenations, LLC
 Unit #1
 Report 2982-S

	Run 1	Run 2	Run 3	Average
Date	3/3/2010	3/3/2010	3/3/2010	Average
Start Time	10:10	11:45	14:30	
Stop Time	11:15	12:49	15:37	
Process Rate (lbs)	175	175	175	175
Particulate Emission Rate (gr./dscf @ 7% O ₂)	0.0191	0.0147	0.0265	0.0201
Allowable Particulate Emission Rate (gr./dscf @ 7% O ₂)	0.080	0.080	0.080	0.080
Carbon Monoxide Emission Rate (ppm @ 7% O ₂)	24.20	3.12	3.78	10.37
Allowable Carbon Monoxide Emission Rate (ppm @ 7% O ₂)	100	100	100	100
Date				3/4/10
Visible Emission Rate (%) (highest six minute average)				0.00
Allowable Visible Emission Rate (%) (with up to 15% for 6 min. per hour)				5



Arlington Environmental Services, Inc.
(863) 467-0555

VISIBLE EMISSION TEST

Method Used (Circle One)
Method 9 203A 203B Report 2982-S

Company Name Everglades Cremations
Facility Name 2431 SW56 Terrace AIRS 0112701
Street Address 2431 SW56 Terrace
City West Park FL Zip 33023
Phone No. (954) 381-8888

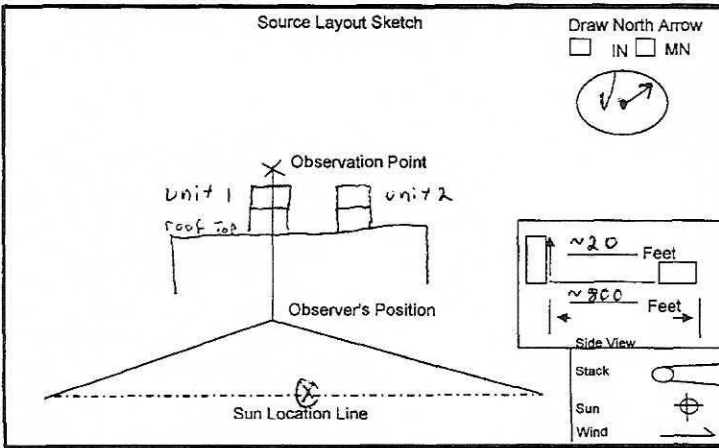
Process Human Cremation Unit # 1 Operating Mode N 170 lbs
Control Equipment After burners Operating Mode N 1700°C

Describe Emission Point
Rectangular stack
Ht of Emis Pt ~20' Ht Rel to Observer ~15'
Distance to Emis. Pt ~800' Direction to Emis. Pt (Degrees) ~336°

Verticle Angle to Obs. <18° Direction to Obs. Pt. (Degrees) ~338°
Distance and Direction to Obs. Pt from Emission Pt
N 1' above

Describe Emissions
None
Emission Color Clear Water Droplet Plume
Attached Detached None X

Describe Plume Background
SKY
Background Color Blue & White Sky Conditions Scattered
Wind Speed ~12-15 MPH Wind Direction NW
Ambient Temp. ~58°F Wet Bulb Temp. — % RH —



Latitude Longitude Declination

Comments

Observation Date					Start Time					Stop Time				
3-4-10					0930					1030				
Min	0	15	30	45	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					

Number of Readings Above % were
Average Opacity for Highest 6 Min Period 0
Range of opacity Readings
Min 0 Max 0
Average Opacity for 2nd Highest 6 Min Period 0

Observers Name (Print) Steve Webb
Observer's Signature Stephen L. Webb Date 3-4-10
Organization Arlington Environmental Services, Inc.
Certified By Whitlow Enterprises Date 1/15/10