

Southern Environmental Sciences, Inc.

1204 North Wheeler Street □ Plant City, Florida 33563 □ (813) 752-5014 □ Fax: (813) 752-2475

November 4, 2010

Ms. Wanda Parker-Garvin
FLORIDA DEPARTMENT OF
ENVIRONMENTAL PROTECTION
Central District Air Section
3319 Maguire Blvd, Suite 232
Orlando, Florida 32803
Via email: Wanda.Parker@dep.state.fl.us

Re: Owner/Company: DeGusipe Funeral Home
Site Name: DeGusipe Funeral Home – Human Crematory
Location: 9001 S Hwy 17-92, Maitland, Florida 32751
Permit No.: 1170406-001-AG

Ms. Garvin:

Enclosed is a copy of the visible emissions evaluation performed on the above referenced source on October 20, 2010. Also enclosed is a copy of the temperature recording chart. Results of the testing were well within the allowable limits established by the client's permit.

Please feel free to call if you have any questions concerning the results.

Regards,

SOUTHERN ENVIRONMENTAL
SCIENCES, INC.



Dale A. Wingler
Environmental Specialist

Enclosures

cc: Mr. Todd DeGusipe, DeGusipe Funeral Home

Southern Environmental Sciences, Inc.

1204 North Wheeler Street □ Plant City, Florida 33563 □ (813) 752-5014, Fax (813) 752-2475

VISIBLE EMISSIONS EVALUATION

COMPANY <i>Debusize Funeral Home</i>	
UNIT <i>Human Crematory Incinerator</i>	
ADDRESS <i>9001 N. Orlando Ave Maitland, FL 32751</i>	
PERMIT NO. <i>1170406-001-A6</i>	COMPLIANCE? YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>
AIRS NO. <i>1170406</i>	EU NO. <i>001</i>
PROCESS RATE <i>~180 LB</i>	PERMITTED RATE <i>Adult size Body</i>
PROCESS EQUIPMENT <i>BTL N20AA Crematory Incinerator</i>	
CONTROL EQUIPMENT <i>Affected Burner (1600° F)</i>	
OPERATING MODE <i>Natural Gas Fired</i>	AMBIENT TEMP. (°F) START <i>72°</i> STOP <i>74°</i>
HEIGHT ABOVE GROUND LEVEL START <i>~37'</i> STOP <i>same</i>	HEIGHT RELATIVE TO OBSERVER START <i>~37'</i> STOP <i>same</i>
DISTANCE FROM OBSERVER START <i>~120'</i> STOP <i>same</i>	DIRECTION FROM OBSERVER START <i>310°</i> STOP <i>same</i>
EMISSION COLOR <i>Grey/Black</i>	PLUME TYPE CONTIN. <input type="checkbox"/> INTERMITTENT <input checked="" type="checkbox"/>
WATER DROPLETS PRESENT? NO <input checked="" type="checkbox"/> YES <input type="checkbox"/>	IS WATER DROPLET PLUME ATTACHED <input type="checkbox"/> DETACHED <input type="checkbox"/> <i>NA</i>
POINT IN PLUME AT WHICH OPACITY WAS DETERMINED START <i>stack exit</i> STOP <i>same</i>	
DESCRIBE BACKGROUND START <i>sky</i> STOP <i>stop</i>	
BACKGROUND COLOR START <i>Blue</i> STOP <i>same</i>	SKY CONDITIONS START <i>Clear</i> STOP <i>same</i>
WIND SPEED (MPH) START <i>2-5</i> STOP <i>same</i>	WIND DIRECTION START <i>NW</i> STOP <i>same</i>
AVERAGE OPACITY FOR HIGHEST PERIOD <i>1.3%</i>	RANGE OF OPACITY READINGS MIN. <i>0</i> MAX. <i>30%</i>

OBSERVATION DATE <i>10-20-10</i>					START TIME <i>0925</i>					STOP TIME <i>1024</i>				
MIN	SEC				MIN	SEC				MIN	SEC			
	0	15	30	45		0	15	30	45		0	15	30	45
0	0	0	0	0	30	0	0	0	0	0	0	0	0	
1	0	0	0	0	31	0	0	0	0	0	0	0	0	
2	0	0	0	0	32	0	0	0	0	0	0	0	0	
3	0	0	0	0	33	0	0	0	0	0	0	0	0	
4	0	0	0	0	34	0	0	0	0	0	0	0	0	
5	0	0	0	0	35	0	0	0	0	0	0	0	0	
6	0	0	0	0	36	0	0	0	0	0	0	0	0	
7	0	0	0	0	37	0	0	0	0	0	0	0	0	
8	0	0	0	0	38	0	0	0	0	0	0	0	0	
9	0	0	0	0	39	0	0	0	0	0	0	0	0	
10	0	30	0	0	40	0	0	0	0	0	0	0	0	
11	0	0	0	0	41	0	0	0	0	0	0	0	0	
12	0	0	0	0	42	0	0	0	0	0	0	0	0	
13	0	0	0	0	43	0	0	0	0	0	0	0	0	
14	0	0	0	0	44	0	0	0	0	0	0	0	0	
15	0	0	0	0	45	0	0	0	0	0	0	0	0	
16	0	0	0	0	46	0	0	0	0	0	0	0	0	
17	0	0	0	0	47	0	0	0	0	0	0	0	0	
18	0	0	0	0	48	0	0	0	0	0	0	0	0	
19	0	0	0	0	49	0	0	0	0	0	0	0	0	
20	0	0	0	0	50	0	0	0	0	0	0	0	0	
21	0	0	0	0	51	0	0	0	0	0	0	0	0	
22	0	0	0	0	52	0	0	0	0	0	0	0	0	
23	0	0	0	0	53	0	0	0	0	0	0	0	0	
24	0	0	0	0	54	0	0	0	0	0	0	0	0	
25	0	0	0	0	55	0	0	0	0	0	0	0	0	
26	0	0	0	0	56	0	0	0	0	0	0	0	0	
27	0	0	0	0	57	0	0	0	0	0	0	0	0	
28	0	0	0	0	58	0	0	0	0	0	0	0	0	
29	0	0	0	0	59	0	0	0	0	0	0	0	0	

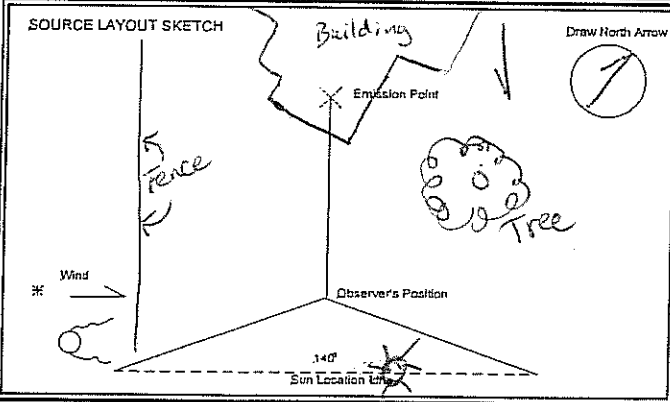
AEROMET ENGINEERING INC. CERTIFIES THAT

Todd Clark

has qualified as a **CERTIFIED VISIBLE EMISSIONS READER**
per Title 40 Part 60 Appendix A USEPA Method 9

Issued: 8/3/10 Expires: 2/3/11

Todd Clark
Questions? Call 573.636.6393



Comments *0935 started cremation*

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

Signature: *Todd M. Clark* Title: *Reader*

