



# Crematory Repair Specialists

5356 81st Street North #14

Saint Petersburg, FL 33709-2274

Phone: (727) 437-8615 Fax: (727) 399-7508

E-mail: CRS@ij.net

## Crematory Inspection Report

Customer: ICS CREMATIONS SOC

Address: \_\_\_\_\_

Phone: \_\_\_\_\_

Contact: \_\_\_\_\_

Date: MAY 23, 2011

Manufacturer: BFL

Model #: N20AA

Serial #: 511-294-99

Cust. Machine I.D.: \_\_\_\_\_

Technician: VERNON

### Exterior of machine

- 1 Check for hot spots:
- 2 Movement/anchoring:
- 3 Check for leaks around thimble:
- \* 4 Check for any rust damage:

### Thermocouples

Length / Condition

- |              |           |
|--------------|-----------|
| 5 Primary:   | N/A       |
| 6 Secondary: | 18" / NEW |
| 7 Emissions: | N/A       |
| 8 Other:     | N/A       |

### Refractory condition (loading chamber)

- 9 Floor: OK
- 10 Ceiling: OK
- 11 Side walls: OK
- 12 Burner blocks: OK
- 13 Back wall area: OK
- 14 Hearth air ports: OK

### (Secondary chamber and stack)

- 15 Floor: OK
- \* 16 Center wall: GONE
- \* 17 Arches: GONE
- 18 Baffles: N/A
- 19 Stack lining: OK
- 20 Stack inducer: OK

### #1 Cremation burner: TJ 50

- 21 Mixing cone and nozzles: OK
- 22 Igniter type/condition: P5023/OK
- 23 Scanner type/condition: R6009/OK
- \* 24 Ignition wiring: OK
- 25 Adjust plt, ign, & crem flames:
- 26 Veriflame voltage: 98VDC
- 27 Air pressure: 1.1 WC
- 28 Gas pressure: 5.9 PSI

### #2 Cremation burner:

- 29 Mixing cone and nozzles: \_\_\_\_\_
- 30 Igniter type/condition: \_\_\_\_\_
- 31 Scanner type/condition: \_\_\_\_\_
- 32 Ignition wiring: \_\_\_\_\_
- 33 Adjust plt, ign, & crem flames: \_\_\_\_\_
- 34 Veriflame voltage: \_\_\_\_\_
- 35 Air pressure: \_\_\_\_\_
- 36 Gas pressure: \_\_\_\_\_

### Afterburner: TJ 150

- 37 Mixing cone and nozzles: OK
- 38 Igniter type: P5023/OK
- \* 39 Scanner type: R6009/NEW
- 40 Ignition wiring: OK
- 41 Adjust pilot & flame:
- 42 Veriflame voltage: 9.9
- 43 Air pressure: 3.0 WC
- 44 Gas pressure: TIME = 20-25 mins

### Emissions burner:

- 45 Mixing cone and nozzles: \_\_\_\_\_
- 46 Igniter type: \_\_\_\_\_
- 47 Scanner type: \_\_\_\_\_
- 48 Ignition wiring: \_\_\_\_\_
- 49 Adjust pilot & flame: \_\_\_\_\_
- 50 Veriflame voltage: \_\_\_\_\_
- 51 Air pressure: \_\_\_\_\_
- 52 Gas pressure: \_\_\_\_\_



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## SERVICE ORDER / INVOICE

Technician: Vernon Keene  
Date Started: May 25, 2011  
Date Finished: \_\_\_\_\_  
Job Time In: \_\_\_\_\_  
Job Time Out: \_\_\_\_\_

Customer: ICS Cremation Society  
Address: 2620 Highlands Rd.  
Punta Gorda, FL 33983  
Phone: 800-862-9602  
Fax: \_\_\_\_\_  
Contact: Tony Lewis

Problem Reported: Cremation Burner Failure / Needs Tune-up.

Work Performed: Re-soldered connection on Veri-Flame Circuit Card (Emergency Service).  
Cleaned Secondary Chamber. Adjusted Air and Gas on Cremation and After-burner.  
Installed new tank O-ring on hydraulic pump. Calibrated Controller and Chart Recorder.  
Vacuumed Top of Machine. Checked for gas leaks. Repaired one small gas leak.  
Changed two MY4 Relays. Cleaned and calibrated Opacity System. Cleaned Igniters  
and Flame Rods. Replaced one Flame Rod. Cleaned hearth air ports and adjusted  
air flow. Cleaned Air Intake Grid on Blower. Updated schematics and corrected wiring  
for Door Switch. Replaced both Air Switches. Checked all safety interlocks,  
Dampers and Actuators for proper operation.

## INVOICE

\$175.00	Emergency Service Special Rate 4/17/2011
65.00	Additional Hour 4/17/2011
695.00	Tune-up
78.00	2-Antunes Air Switches @ \$39.00 Each.
47.20	1-R6009 Flame Rod
24.00	2-MY4 Relays @ \$12.00 Each

Sub Total: 1084.20  
Sales Tax: 75.89  
Total Amount Due: \$1,160.09

*1084.20*  
*139.00 TIMER*  
*51223.20*  
*85.63*  
*1308.83*

Accepted by: \_\_\_\_\_

Date: \_\_\_\_\_

*3/24/11*  
*RL*