

# ANIMAL CREMATORY



## COMPLIANCE INSPECTION CHECKLIST

**INSPECTION TYPE:** ANNUAL (INS1, INS2)  COMPLAINT/DISCOVERY (CI)   
 RE-INSPECTION (FUI)  ARMS COMPLAINT NO:

**AIRS ID#:** 1010492 **DATE:** 11/4/2009 **ARRIVE:** 12:22 **DEPART:** 1415

**FACILITY NAME:** FAITHFUL FRIENDS ANIMAL CREMATORY

**FACILITY LOCATION:** 5221 8TH STREET  
ZEPHYRHILLS 33542-5028

**OWNER/AUTHORIZED REPRESENTATIVE:** MICHAEL HODGES **PHONE:** (352)424-1184

**CONTACT NAME:** Rachel Dowbing/Damon LeBlanc **PHONE:** (813)788-306

**ENTITLEMENT PERIOD:** 7/29/2007 / 7/29/2012  
(effective date) (end date)

ARMS UPDATED  
8/23/10

**PART I: INSPECTION COMPLIANCE STATUS** (check  only one box)

IN COMPLIANCE     MINOR Non-COMPLIANCE     SIGNIFICANT Non-COMPLIANCE

**PART II: TESTING/RECORDKEEPING REQUIREMENTS – Rule 62-296.401, F.A.C.**  
(check  appropriate box(es))

1. Were there any objectionable odor(s) detected?-----  Yes  No
2. Was a visible emissions test conducted during this site visit according to EPA Method 9 (Ref.: Chapter 62-297, F.A.C.)?-----  Yes  No
3. In order to demonstrate individual source compliance, was an annual visible emissions test conducted 60 days prior to the AGP Notification form submission, and within 60 days prior to each anniversary date? (Rule 62-296.401(6)(j), F.A.C.)-----  Yes  No
4. In order to demonstrate individual source compliance were the remaining applicable standards testing completed within 60 days prior to the AGP Notification form submission? (Rule 62-210.300(4), F.A.C.)  Yes  No
  - a) Carbon Monoxide (CO) emissions equal to or below the requirements of 100 parts per million by volume, dry basis, corrected to 7% O<sub>2</sub> on an hourly average basis and tested according to EPA Method 10 (Ref.: Chapter 62-297, F.A.C.)?-----  Yes  No
  - b) Oxygen test performed according to EPA Method 3 (Ref.: Chapter 62-297, F.A.C.)?-----  Yes  No
  - c) Particulate matter emissions test with results equal to or below the requirements of 0.080 grains per dry standard cubic foot (ft<sup>3</sup>) of flue gas, corrected to 7% O<sub>2</sub> and tested according to EPA Method 5 (Ref.: Chapter 62-297, F.A.C.)?-----  Yes  No
5. Was all emissions testing conducted with the source operating at the manufacturers recommended capacity?-----  Yes  No
6. Was CO & PM compliance demonstrated by submission of a test report for an identical crematory unit?  Yes  No
7. Was the Department notified at least 15 days prior to the date of the last formal compliance test?-----  Yes  No
8. Was the required test report filed with the Department as soon as practical, but no longer than 45 days after the test was completed?-----  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 accordance with the manufacturer's instructions?-----  Yes  No
  - a) Do temperature probes seem to be properly placed?-----  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)-----  Yes  No
    - 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-----  Yes  No
    - 6) Adjustments-----  Yes  No
    - 7) Preventive maintenance performed on systems/devices-----  Yes  No
    - 8) Corrective maintenance performed on systems/devices-----  Yes  No
2. Was this crematory unit constructed: (check only one  box)
  - a)  **BEFORE** August 30, 1989? (If this box checked, continue on to #3 and skip #4)
  - b)  **ON** or **AFTER** August 30, 1989? (If this box checked, skip #3 and continue on to #4)
3. If constructed **BEFORE** 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?-----  Yes  No
  - c) cremation in the primary chamber begun after the secondary chamber combustion zone temperature is equal to or greater than **1400°F**?-----  Yes  No
  - d) required monitoring equipment installed and operational, and providing continuous monitoring to 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 **ON** or **AFTER** 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**?-----  Yes  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?-----  Yes  No
  - c) secondary chamber combustion zone temperature equal to or greater than **1600°F** before the cremation process begins in the primary chamber?-----  Yes  No
5. Are appropriate leak-proof containers containing no more than 0.5 % (percent) by weight chlorinated plastics used during the cremation of dead animals?-----  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?-----  Yes  No
  - b) If plastic bags are used for the cremation of animals are they non-chlorinated and no less than 3 mils thick?-----  Yes  No
  - c) Are dead animals, which have been used for medical or commercial experimentation, or other materials, including biomedical wastes (Rule 62-210.200, F.A.C.), incinerated at this location?-----  Yes  No
6. During this review period, was the largest batch load cremated 500 pounds per hour or less?-----  Yes  No
7. Have all crematory operators been trained and certified by a Department-approved training program?---  Yes  No
  - a) Are copies of the training certificates all crematory operators kept on file at the facility for the duration of the operator's employment & for an additional two years after termination of employment?-----  Yes  No

**PART IV: SPECIAL CONDITIONS AND PROCEDURES – Rule 62-296.401, F.A.C.**

**A. New or Modified Process Equipment**

1. Since the last inspection has there been
  - a) installation of any new process equipment?-----  Yes  No
  - b) alterations to existing process equipment without replacement?-----  Yes  No
  - c) replacement of existing equipment substantially different than that noted on the most recent notification form?-----  Yes  No
  - d) If you answered **YES** to any of the above, did the owner submit a new and complete notification form and appropriate fee (Rule 62-4.050, F.A.C.) to the appropriate DEP or local program office?-----  Yes  No
2. If a crematory unit has been modified to the extent that a Department air construction permit was required, have all operators been retrained to operate the modified unit?-----  Yes  No
3. In the case of new or modified equipment, where a Department air construction permit was required, has the owner submitted copies of all operator training certificates?-----  Yes  No
  - a) submitted within the 15 day required window following the training?-----  Yes  No

Joseph V Panetta

11/4/2009

Inspector's Name (Please Print)

Date of Inspection

Inspector's Signature

Approximate Date of Next Inspection

**COMMENTS:**

11/4/2009 Visited facility to perform a routine inspection, and a crematory initiative inspection. Charts from 1/01/09 through 11/30/09 and from 01-02-08 through 12/29/08 were checked for correct documentation. A Field Warning Notice (FWN) was left for the "chart documentation difficult to read". Mr. LeBlanc described his documentation meant. Mr. Leblanc agreed to clarify the documentation that was difficult to read and understand and will better document the charts for a re-inspection.

On 12/3/2009 a re-inspection was performed along with a VE audit. Charts were more clearly documented and a new FWN was left to Mr. Leblanc for clarifying that documentation. The FWN also stated corrections were made that were addressed from the FWN left on 11/04/2009.

Charts from 01/02/2008 through 11/30/2009 were checked and the documentation was clarified.

Using this checklist the facility seems to be in compliance at time of inspection on 12/3/2009. The crematory initiative inspection may or may not prove that the thermocouple(s) are properly placed. That will be addressed after the measurements are reviewed by Department Staff.



# Florida Department of Environmental Protection

Southwest District Office

## FIELD WARNING NOTICE

Name / Owner / Operator: Michael Hodges / Faithful Friends Animal Crematory

Address: 5201 8th Street

Location / Source: Zephyrhills 33542-5028

Permit Number: 1010492 Permit Exp. Date: 7/29/2012 Date and Time: 11/4/09

The purpose of this notice is to advise you of possible violations of law for which you may be responsible, and to seek your cooperation in resolving the matter. Florida Department of Environmental Protection (DEP) personnel conducted a field inspection on the date listed above at the location described above. Florida DEP personnel observed the following, which indicates that a violation of Florida Statutes and Rules may exist at the above described facility: (For example, Where was the activity observed? How was it discovered? Who provided information to the inspector?)

Observations: 2 YEARS of CHARTS Available. CHART documentation for the most PART contained proper documentation. Some CHART documentation was difficult to read when cremation began in primary chamber. MR. LeBlanc explained the difficult to read CHARTS and will better document the CHARTS for a re-inspection. MR. LeBlanc will call according to statements below \*\* than a re-inspection will occur.

	Rule or Statute Relevant to Observations	Permit Condition No.
<input checked="" type="checkbox"/>	<b>Unconfined Particulate Matter.</b> Rule 62-296.320(4)(c)1, Florida Administrative Code (F.A.C.), provides that no person shall cause, let, permit, suffer or allow the emission of unconfined particulate matter from any activity, without taking reasonable precautions to prevent such emissions.	
<input type="checkbox"/>	<b>Operating Without a Permit.</b> Rule 62-210.300, F.A.C., provides that, unless exempted from permitting or unless specifically authorized, the owner or operator of any facility or emissions unit which emits or can reasonably be expected to emit any air pollutant shall obtain an appropriate permit from the Department.	
<input type="checkbox"/>	<b>Violation of Permit Condition(s).</b> Rule 62-4.160(1), F.A.C., The terms, conditions, requirements, limitations and restrictions set forth in this permit, are "permit conditions" and are binding and enforceable pursuant to Sections 403.141, 403.727, or 403.859 through 403.861, F.S.	
<input type="checkbox"/>	<b>Objectionable Odor.</b> Rule 62-296.320(2), F.A.C., provides that no person shall cause, suffer, allow or permit the discharge of air pollutants which cause or contribute to an objectionable odor.	
<input type="checkbox"/>	<b>Excessive Visible Emissions.</b> Rule 62-296.320(4)(b)1., F.A.C., provides that no person shall cause, let, permit, suffer or allow to be discharged into the atmosphere the emissions of air pollutants from any activity, the density of which is equal to or greater than 20 percent opacity.	
<input type="checkbox"/>	<b>Open Burning.</b> With few exceptions, Rule 62-296.320(3), F.A.C., prohibits open burning in connection with industrial, commercial, or municipal operations.	
<input type="checkbox"/>	<b>Constructing Without a Permit.</b> Rule 62-4.210, F.A.C., provides that no person shall construct any installation or facility which will reasonably be expected to be a source of air or water pollution without first applying for and receiving a construction permit from the Department.	
<input type="checkbox"/>	<b>Other.</b>	

The activities observed during the Department's field inspection and any other activities at your facility that may be contributing to violations of the above-described statutes or rules should be ceased. The operation of a facility in violation of state statutes or rules may result in liability for damages and restoration, and the administrative imposition of penalties up to \$10,000.00 pursuant to Section 403.121, Florida Statutes (F.S.), or the judicial imposition of civil penalties up to \$10,000.00 per violation per day pursuant to Sections 403.141 and 403.161, F.S.

You are requested to contact Joe Panetta at the address or telephone number below within fifteen (15) days of receipt of this Field Warning Notice. Please be advised that this Field Warning Notice is part of an agency investigation, preliminary to agency action in accordance with Section 120.57(5), F.S. We look forward to your cooperation in completing the investigation and resolution of this matter.

Received by: Damon P LeBlanc Issued / Posted by: Joseph V. Panetta

Print: Damon P LeBlanc Print: Joseph V. Panetta

Title: Crematory Operator.

Inspection list for Crematories

Facility Name:

Faithful Friends

*J. W. Paul*

Facility ID No: 1010492

11/4/09

Crematory Unit Number

001

<b>Crematory Unit Information:</b>	
Emission Unit No.	001
Specifications:	<del>Horizontal Partlow</del> model: 1E43-PP11 SA: 0270204
Thermocouple Location:	Diagram/Description: Front View Side View
Afterburner Location:	Diagram/Description: Rear View/Side View

Inspection list for Crematories

Facility Name: **Faithful Friends**  
 Facility ID No: **1010492**

<b>Chart and Digital Logic Controller:</b>	
Chart Make & Model:	<b>PARLOW Model MRC 5000 SN: 1077315-0007</b>
Digital Logic Controller Make & Model:	<b>PARLOW 1160+ model P6102 SN: 084575 020 016</b>
Chart Specifications:	<b>115 VAC 1/8 HP OR 250VA 230 VAC 100-240 VAC</b>
Digital Logic Controller Specifications:	<b>PARLOW 1160+ model P6102 SN: 085436 002 004</b>
Check for agreement between Chart & Digital Logic Controller	Agreement: YES Agreement: <b>NO</b> If NO, provide comments: <p align="center"><b>Not Operating</b></p>
Chart Calibration:	Date of Last Calibration:  Calibration Performed by:  Results of Calibration:
Digital Logic Controller Calibration:	Date of Last Calibration:  Calibration Performed by:  Results of Calibration:
Digital Logic Controller Bias	Details of Bias: <p align="center"><b>N/A</b></p> Chart Recorder reading at Bias determination:

Inspection list for Crematories

Facility Name:

Faithful Ex. Co.

Facility ID No:

1010492

	<p>Comparison:</p> <p>If bias is found, request information of previous calibrations to determine when it was put in and by whom.</p> <p>Obtain copies of the recorder charts, during and after the check.</p>
Chart Recorder	Scan in 2 years of temperature charts
<b>Unit Maintenance</b>	
Date of Last Service	
Name of Company Servicing Unit:	Name/ Address/Phone #/email and/or fax #
Description of repairs/adjustments:	
Maintenance Log:	<input checked="" type="radio"/> YES                      NO
Maintained Routinely:	<input checked="" type="radio"/> YES                      NO
	If NO, provide comments.

Inspection list for Crematories

Facility Name:

Facts for Facts

Facility ID No:

1010492

Repair Records 62-296.401(5&6)(e), FAC:	2 years of records on-site: YES NO If NO, provide comments.
<b>62-210.310 (3), FAC - General Conditions:</b>	
Permit	Issuance Date: Expiration Date:
Owner:	Same as permit: YES NO If NO, provide current owner information:
<b>62-296.401(5&amp;6), FAC - Specific Conditions Human and Animal Crematories</b>	
Visible Emissions	
Particulate Matter Emissions	
Carbon Monoxide (CO) Emissions	



Inspection list for Crematories

Facility Name: Fateful Furnace  
Facility ID No: 1010492

Operating Temperatures	<u>Not Operating</u>
Allowed Material	<u>MSDS Sheets Available</u>
Operating Procedures for start-up, shutdown and malfunction	<u>In owners manual</u>
Air-to-Fuel Ration	<u>Natural Gas 7 inches w.c. ✓ Propane 11 inches w.c.</u>

Retention Time Calculations and Thermocouple Location:

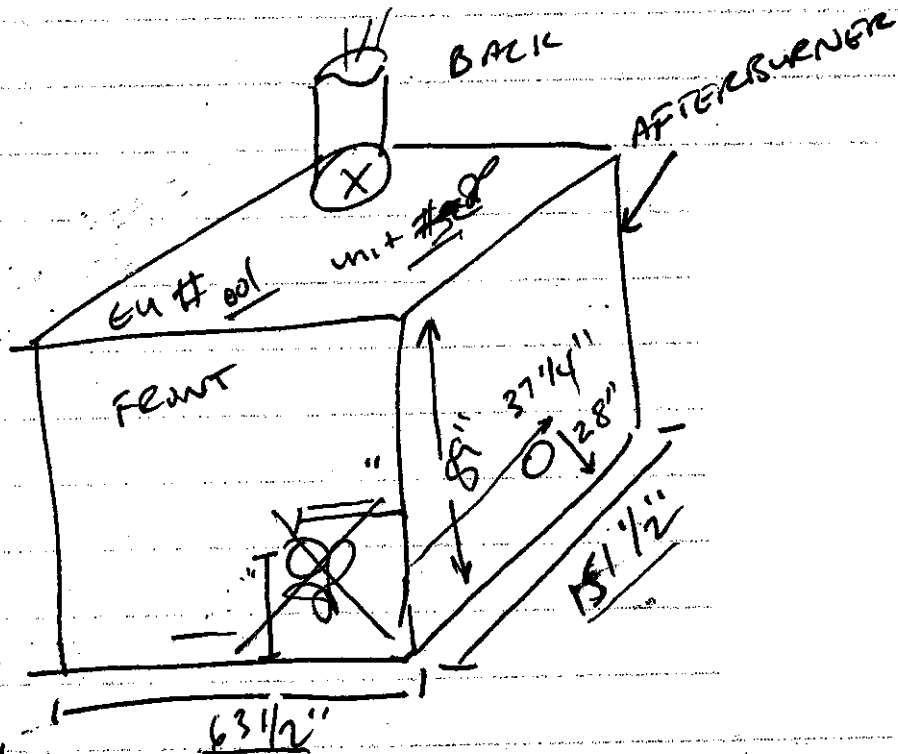
*NOTE If the temperatures cannot be met at the point or beyond where 1.0 second gas residence time is obtained in the secondary chamber combustion zone, then both the closer thermocouple location and bias would compensate for it.*

Faithful Friends

11-4-09

1010492

Joseph Paul



$5\frac{5}{16}"$  from charge door to front

$11\frac{14}{16}"$  from wall/secondary chamber to front

VISIBLE EMISSIONS EVALUATION

COMPANY <b>Faithful Friends</b>	
UNIT <b>5221 6th Street (Ewood)</b>	
ADDRESS <b>Zephyr hills 33542</b>	
PERMIT NO. <b>10/0492</b>	COMPLIANCE YES - <input checked="" type="checkbox"/> NO - <input type="checkbox"/>
AIRS NO. <b>10/0492</b>	EU NO. <b>001</b>
PROCESS RATE <b>150 lbs/hr</b>	PERMITTED RATE <b>150 lbs/hr</b>
PROCESS EQUIPMENT <b>AFTER Burner / Chemistry</b>	
CONTROL EQUIPMENT <b>AFTER Burner</b>	
OPERATING MODE <b>Normal</b>	AMBIENT TEMP (°F) START <b>69°</b> STOP <b>69°</b>
HEIGHT ABOVE GROUND LEVEL START <b>220'</b> STOP <b>220'</b>	HEIGHT RELATIVE TO OBSERVER START <b>15'</b> STOP
DISTANCE FROM OBSERVER START <b>200'</b> STOP	DIRECTION FROM OBSERVER START <b>WSW @ 255°</b>
EMISSION COLOR <b>None</b>	PLUME TYPE CONTIN. - INTERMITTENT - <b>NA</b>
WATER DROPLETS PRESENT? NO <input checked="" type="checkbox"/> YES - <input type="checkbox"/>	IS WATER DROPLET PLUME ATTACHED - <b>NA</b> DETACHED -
POINT IN PLUME AT WHICH OPACITY WAS DETERMINED START <b>Stack Exit</b> STOP	
DESCRIBE BACKGROUND START <b>Tree leaves</b> STOP	
BACKGROUND COLOR START <b>Green</b> STOP	SKY CONDITIONS START <b>Overcast</b> STOP
WIND SPEED (MPH) START <b>0</b> STOP	WIND DIRECTION START <b>NA</b> STOP
AVERAGE OPACITY FOR HIGHEST PERIOD	RANGE OF OPACITY READINGS MIN. MAX.
SOURCE LAYOUT SKETCH <p>The sketch shows an 'Emission Point' at the top, connected by a vertical line to the 'Observer's Position' below it. A horizontal line to the right indicates 'Wind' direction. A dashed line at the bottom indicates the 'Sun Location Line' at a 140-degree angle. A legend shows 'Sun' as a star and 'Wind' as an arrow. A north arrow is also present.</p>	
COMMENTS <b>Relative Humidity 90%</b>	
<b>1678°F</b>	

OBSERVATION DATE		START TIME				STOP TIME					
<b>12-3-09</b>		<b>8:41</b>				<b>8:52</b>					
SEC	MIN	0	15	30	45	SEC	MIN	1	15	30	45
0		0	0	0	0	30					
1		0	0	0	0	31					
2		0	0	0	0	32					
3		0	0	0	0	33					
4		0	0	0	0	34					
5		0	0	0	0	35					
6		0	0	0	0	36					
7		0	0	0	0	37					
8		0	0	0	0	38					
9		0	0	0	0	39					
10		0	0	0	0	40					
11		0	0	0	0	41					
12						42					
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28						58					
29						59					

Observers Signature: *[Signature]*  
 Date: **12-3-09**  
 Observers Organization: Florida Department of Environmental Protection  
 Observer Name and Certified By:

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.

TAMPA, FL 8/12/2009 375621  
 SCHOOL LOCATION DATE OF SCHOOL CERT NUMBER  
 TMPS09 2/11/2010  
 LAST LECTURE CERTIFICATION EXP DATE BEARER



# Cremation Systems, Inc.

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

## SERVICE ORDER

Job number	<u>89133</u>	Customer	_____
Date Ordered	<u>11/16/09</u>		
Technician	<u>Joe Entory</u>		
Date Started	<u>11/17/09</u>	Faithful Friends	_____
Date Finished	<u>11/17/09</u>	Ms. Carolyn Hodges	_____
Shop Time Out	<u>7:00</u>	5221 8th Street	_____
Job Time In	<u>8:45</u>	Zephyrhills, FL 33542	_____
Job Time Out	<u>13:00</u>	Ph:813-788-3065 Fx:813-788-3005	_____
Shop Time In	_____	Contact	_____

Problem Reported Tune Up 1998 Power Pak II

Worked Performed COMPLETED TUNE-UP. REPLACED PRIMARY THERMOCOUPLE  
INSPECTED SECONDARY CHAMBER - O.K. REMOVED 10 GAL. CLEANED ALL  
IGNITERS + UV SCANNERS. CLEANED + CALIBRATED POLLUTION SYSTEM.  
CALIBRATED TEMPERATURE CONTROLLER + CHART RECORDER.  
TESTED UNIT. ALL IS WORKING PROPERLY.

Parts Used \_\_\_\_\_  
1- 19" COMPLETE THERMOCOUPLE  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

Parts Ordered \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

The above described work has been completed to my satisfaction.

[Signature]  
 Customer's Authorized Signature

11-17-09  
 Date

# B & L Cremation Systems

## Maintenance Inspection Checklist

To be performed by B&L factory personnel every 500 cremations or once a year.

### Faithful Friends

Ms. Carolyn Hodges  
5221 8th Street  
Zephyrhills, FL 33542  
Ph:813-788-3065 Fx:813-783-3005

Date: 11/17/09  
Model#: LEE PPII  
Serial#: 0270204  
S.P.Temp: 1675  
Fuel: LP  
Technician: J. EMBRY

### A. Exterior

1. Inspect roof thimble for leaks: O.K.
2. Inspect all heat surfaces heat damage: O.K.
3. Inspect stack/inducer for rust through or damage: O.K.

### B. Interior

4. Floor condition: O.K.
6. Ceiling: LARGE CRACK
8. Stack wall area: O.K.
10. Secondary chamber: O.K.
12. Arches: O.K.
14. Baffles: O.K.
5. Side Walls: O.K.
7. Burner blocks: MINOR DAMAGE
9. Gas pass area: O.K.
11. Center wall: O.K.
13. Stack lining: O.K.

### C. Fuel System

15. Inspect for leaks: O.K.
17. Static gas pressure: 12.7"
16. Main Shut off valve: O.K.
18. Dynamic gas pressure: 10.5"

### D. Burners

19. Afterburner type: TJ150
21. Igniter type/condition: I31-2/CLEANED
23. Mixing cone/nozzle condition: O.K.
25. Scanner/Igniter wiring: O.K.
27. Air: 3.2"
29. #1 Cremation burner type: TJ150
31. Igniter type/condition: I31-2/CLEANED
33. Mixing cone/nozzle condition: O.K.
35. Scanner/Igniter wiring: O.K.
37. Air: 1.0
39. #2 Cremation burner type: /
41. Igniter type/condition: /
43. Mixing cone/nozzle condition: /
45. Scanner/Igniter wiring: /
47. Air: /
20. Scanner type/condition: U.V./CLEANED
22. Veriflame model: PURGE
24. D.C. Voltage: 10.0
26. Actuator/Linkage: O.K.
28. Gas: 3.1
30. Scanner type/condition: U.V./CLEANED
32. Veriflame model: PURGE
34. D.C. Voltage: 9.9
36. Damper motor linkage: /
38. Gas: SIGHT
40. Scanner type/condition: /
42. Veriflame model: /
44. D.C. Voltage: /
46. Damper motor linkage: /
48. Gas: /

Maintenance Inspection Checklist (cont...)

49. Emissions burner type: \_\_\_\_\_  
51. Igniter type/condition: \_\_\_\_\_  
53. Mixing cone/nozzle condition: \_\_\_\_\_  
55. Scanner/igniter wiring: \_\_\_\_\_  
57. ^Air: \_\_\_\_\_

50. Scanner type/condition: \_\_\_\_\_  
52. Veriflame model: \_\_\_\_\_  
54. D.C. Voltage: \_\_\_\_\_  
56. Damper motor linkage: \_\_\_\_\_  
58. ^Gas: \_\_\_\_\_

E. Safeties

59. Low temp secondary: /  
61. High temp primary: O.K.  
63. Afterburner air switch: -  
65. Emissions air switch: -  
67. Door safety switch: O.K.  
69. Ambient air switch: -

60. High temp secondary: O.K.  
62. Hi/Lo gas safety: -  
64. Cremation air switch: -  
66. Main air switch: O.K.  
68. Burner thermal switch: -

F. Air Systems

70. #1 Blower amps: 14  
72. Secondary air actuator/linkage: O.K.  
74. Draft system operation: O.K.  
76. Powered air louver/Make up air operation: O.K.

71. #2 Blower amps: -  
73. Hearth damper/linkage: O.K.  
75. Draft @ door: -  
77. Manual valve set screws: O.K.

G. Door Systems

78. Main door operation: O.K.  
80. Sprockets/chains/bearings: O.K.  
82. Cleanout door seal/latch: -

79. Inspect for hydraulic leaks: O.K.  
81. Emergency valve operation: O.K.  
83. Pump amps: 4

H. Opacity System

84. System type: HEAT-TIMER  
86. System operation: O.K.

85. Sensitivity calibration: O.K.  
87. Cleaned/Aligned: O.K.

I. Thermocouples, Length & Condition

88. Primary: 18" / REPLACED.  
90. Secondary: 24" / O.K.

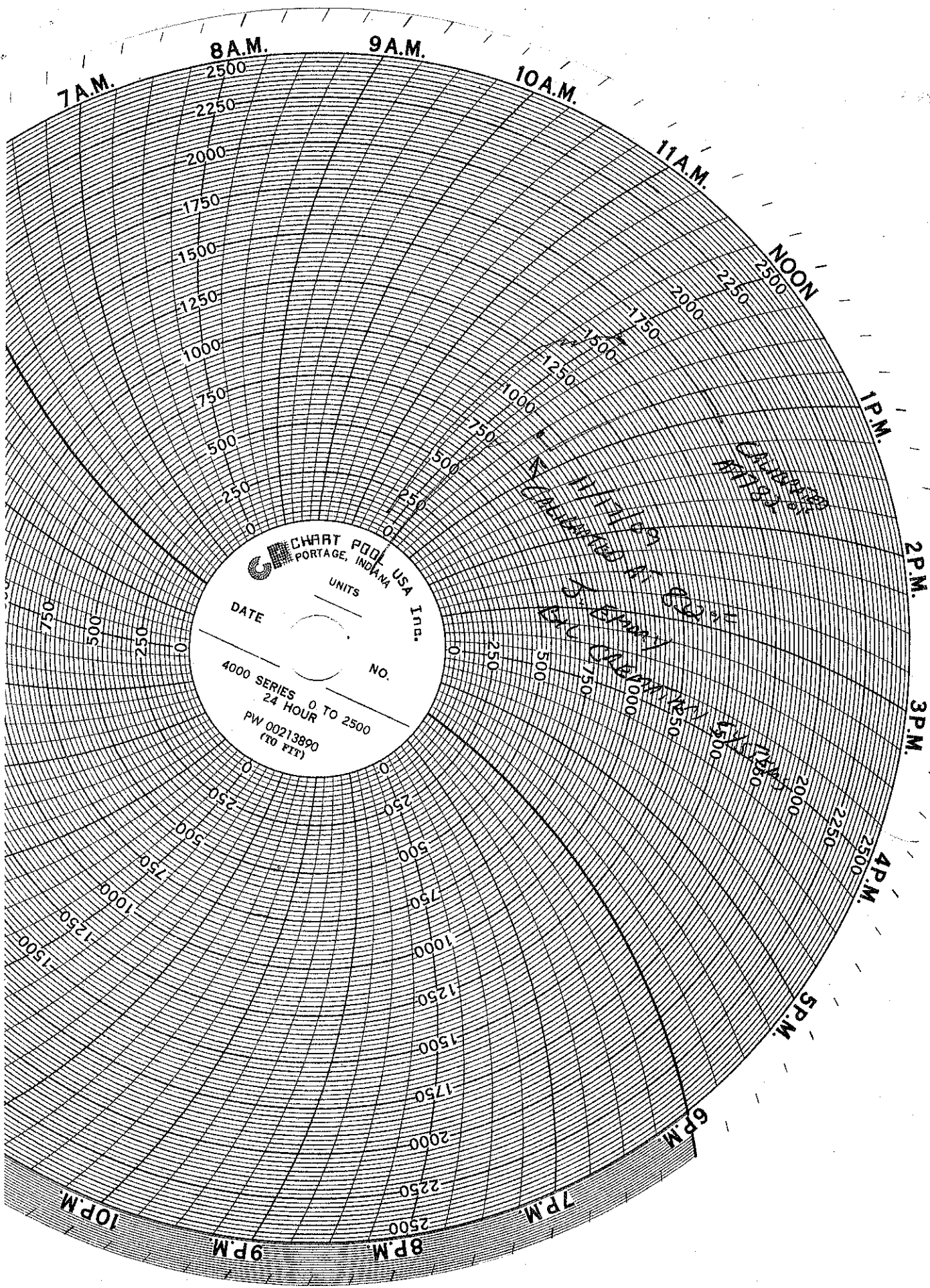
89. Emissions: -

J. Temp. Controllers/Recorders, Calibration & Operation

91. Primary controller, type/operation: PARTLOW 1160+ / O.K.  
92. Secondary controller, type/operation: PARTLOW 1160+ / O.K.  
93. Emissions controller, type/operation: -  
94. Chart recorder, chart type/operation: PARTLOW MRL 5000 / O.K.

K. Overall Condition & Operation of Machine

95. Review procedures with operator: \_\_\_\_\_  
96. Supervise cremation: \_\_\_\_\_  
97. Overall performance/operation: \_\_\_\_\_



**CHART POOL USA Inc.**  
PORTAGE, INDIANA

UNITS

DATE \_\_\_\_\_ NO. \_\_\_\_\_

4000 SERIES 0 TO 2500  
24 HOUR  
PW 00213890  
(10 FT)

CALIBRATION  
11 A.M.

REPAIRS  
1 P.M.