

# **ATTACHMENT**

**BOILER INSPECTION REPORTS  
AF1222**

**FORT BENNING VISIT NO. 1  
DECEMBER 28-31, 2003**

**January 28, 2004**

# BOILER OR PRESSURE VESSEL INSPECTION REPORT

1. TYPE OF INSPECTION	
Internal and External	<input checked="" type="checkbox"/> BA <input type="checkbox"/> VA
Internal/External with Hydrostatic Test (same day)	<input type="checkbox"/> BB <input type="checkbox"/> VB
External Under Operation	<input type="checkbox"/> BC <input type="checkbox"/> VC
External Under Hydrostatic Test	<input type="checkbox"/> BD <input type="checkbox"/> VD
Expansion/Receiver Tank or Internal with UT	<input type="checkbox"/> BE <input type="checkbox"/> VE

HSBCT CONTRACT NUMBER		2A. CITY	3. STATE	4. ZIP CODE	5. PLANT OR BLDG.
2. INSTALLATION <i>FT. BENNING</i>			<i>GA</i>	<i>31905</i>	<i>397</i>

8. DATE OF INSPECTION <i>12/29/03</i>	7. DATE OF LAST INSPECTION <i>6/16/03</i>	8. DELIVERY ORDER NO.	9. CONTRACT NO.
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10. OBJECT <input type="checkbox"/> Fire Tube <input type="checkbox"/> Cast Iron <input checked="" type="checkbox"/> Water Tube <input type="checkbox"/> Expansion Tank <input type="checkbox"/> Pressure Vessel	11. PLANT <input type="checkbox"/> Manned <input checked="" type="checkbox"/> Unmanned
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11A. PRESSURE PREVIOUS INSPECTION <i>0</i>	11B. PRESSURE THIS INSPECTION <i>0</i>	12A. YEAR BUILT <i>1980</i>	12B. YEAR INSTALLED <i>1980</i>
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13A. PRIMARY FUEL (Boiler) <i>NAT. GAS</i>	13B. SECONDARY FUEL (Boiler) <i>N/A</i>	14. DESIGN WORKING PRESSURE OR TEMPERATURE <i>125</i>
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15. MANUFACTURER <i>PARKER</i>	16. MANUFACTURER'S RATING MBTU / LBS. / HR <i>4,830,000 BTU/HR</i>	17. NATIONAL BOARD NUMBER <i>NB 23939</i>	18. USAF NUMBER <i>#1</i>
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19. USE <input type="checkbox"/> Power <input checked="" type="checkbox"/> Steam Heating <input type="checkbox"/> Process <input type="checkbox"/> Storage <input type="checkbox"/> HTHW Heating <input type="checkbox"/> Heat Exchange <input type="checkbox"/> Other (Specify)
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20. METHOD OF FIRING (Boilers) <i>AUTO BURNER</i>	21. SAFETY/RELIEF VALVES SETTING <i>50 PSI</i>	22. EXPLAIN IF PRESSURE CHANGED <i>---</i>	23. PRESSURE GAGE TESTED <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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24. PURPOSE OF HYDROSTATIC TEST <input type="checkbox"/> New <input type="checkbox"/> Retest <input type="checkbox"/> Repair	25. LAST HYDROSTATIC TEST Date: <i>UNK</i> PSI: <i>UNK</i>	26. HYDROSTATIC TEST <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Date: <i>---</i> PSI: <i>---</i>
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### STATEMENT OF BASE CIVIL ENGINEER

27. REPAIRS MADE SINCE LAST INSPECTION <input type="checkbox"/> None <input checked="" type="checkbox"/> Other (Specify)
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*2 Tube bundles replaced*

### INTERNAL INSPECTION

28. DESCRIBE INSPECTION FULLY (State location of any damage or deposits, i.e., scale, grease, oil, etc.; any corrosion, pitting, grooving, cracking or lamination; any evidence of overheating, broken or loose items, etc.)

*FURNACE REFRACTORY CRACKED AND FALLING AWAY.  
2 Tube bundles NOT installed.  
GAGE GLASS AND LUCO NOT installed*

### EXTERNAL INSPECTION

29. CONDITION OF BOILERS, VESSELS AND PLANT (Describe fully and state location of any corrosion, leakages, evidence of overheating, soot or other destructive accumulations, or safety or ASME/NB violations, etc.)

*Blowdown piping NOT connected*

### 30. SETTINGS, LININGS, SUPPORTS AND BAFFLES

*SATISFACTORY EXCEPT REFRACTORY*

### INSPECTION OF SAFETY DEVICE

31. SAFETY/RELIEF VALVES	32. SIZE Number: <i>2-1 1/2"</i>	33. TOTAL CAPACITY CFM: <i>---</i> BTU/HR: <i>---</i> LB/HR: <i>5344</i>	34. CONDITION AND HOW TESTED <i>Not tested, boiler idle</i>
35. PRESSURE GAGES	36. CORRECTION TAKEN (if none give reason) <i>UNSAT. REQUIRES CALIBRATION. 10 psi with boiler idle</i>		
37. OTHER APPLIANCES	38. CONDITION <i>Not installed</i>		
39. REGULATORS AND CONTROLS	40. CONDITION <i>Not installed</i>		

### 41. ASME CODES

Does plant comply with code, welding, materials, configuration, etc?  Yes  No (Explain)

INSPECTOR STATEMENT

42. WAS BOILER OR VESSEL PREPARED FOR THOROUGH EXAMINATION (If NO, state what was not and why in Remarks and Recommendations of Inspector.)

Yes  No

43. WAS BOILER OR VESSEL ENTERED FOR THE INSPECTION (If NO, state what was not and why in Remarks and Recommendations of Inspector.)

Yes  No

REMARKS AND RECOMMENDATIONS OF THE INSPECTOR

44. LIST ALL DEFICIENCIES TO BE CORRECTED OR REPAIRED (Use a continuation sheet if necessary.)

This boiler must be re-assembled, including the 2 Tube bundles, gage glass assembly, controls and piping systems. The furnace refractory must be repaired. The boiler must be hydrostatically tested following repairs. The safety valves should be calibrated and bench tested or replaced with ASME approved valves of the same size and capacity.

45. TYPE OR PRINT NAME OF INSPECTOR

Fred Lawrence

45A. SIGNATURE OF INSPECTOR

Fred Lawrence

45B. DATE OF SIGNATURE

12/29/03

45C. INSPECTOR'S NATIONAL BOARD NO.

NB11658

46. PRINT NAME AND TITLE OF REPRESENTATIVE ACCOMPANYING INSPECTOR

46A. SIGNATURE

46B. DATE OF SIGNATURE

46C. REPRESENTATIVE'S TELEPHONE NUMBER

ACTION TAKEN ON RECOMMENDATIONS

47. DATE AND ACTION TAKEN OR TO BE TAKEN

48. TYPE OR PRINT NAME, TITLE AND GRADE OF OFFICER IN CHARGE

James Riley Boiler Plant Foreman

49. SIGNATURE OF OFFICER IN CHARGE

James Riley

50. DATE OF SIGNATURE

12-30-03

# BOILER OR PRESSURE VESSEL INSPECTION REPORT

1. TYPE OF INSPECTION	
Internal and External	<input checked="" type="checkbox"/> BA <input type="checkbox"/> VA
Internal/External with Hydrostatic Test (same day)	<input type="checkbox"/> BB <input type="checkbox"/> VB
External Under Operation	<input type="checkbox"/> BC <input type="checkbox"/> VC
External Under Hydrostatic Test	<input type="checkbox"/> BD <input type="checkbox"/> VD
Expansion/Receiver Tank or Internal with UT	<input type="checkbox"/> BE <input type="checkbox"/> VE

HSBCT CONTRACT NUMBER		2A. CITY	3. STATE	4. ZIP CODE	5. PLANT OR BLDG.
			GA	31905	397

2. INSTALLATION <i>FT. BENNING</i>	6. DATE OF INSPECTION <i>12/29/03</i>	7. DATE OF LAST INSPECTION <i>6/16/03</i>	8. DELIVERY ORDER NO.	9. CONTRACT NO.
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10. OBJECT <input type="checkbox"/> Fire Tube <input type="checkbox"/> Cast Iron <input checked="" type="checkbox"/> Water Tube <input type="checkbox"/> Expansion Tank <input type="checkbox"/> Pressure Vessel			11. PLANT <input type="checkbox"/> Manned <input checked="" type="checkbox"/> Unmanned	
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11A. PRESSURE PREVIOUS INSPECTION <i>0</i>	11B. PRESSURE THIS INSPECTION <i>0</i>	12A. YEAR BUILT <i>1980</i>	12B. YEAR INSTALLED <i>1980</i>
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13A. PRIMARY FUEL (Boiler) <i>NAT. GAS</i>	13B. SECONDARY FUEL (Boiler) <i>N/A</i>	14. DESIGN WORKING PRESSURE OR TEMPERATURE <i>125</i>
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15. MANUFACTURER <i>PARKER</i>	16. MANUFACTURER'S RATING MBTU./LBS. / HR <i>4,830,000 BTU/HR</i>	17. NATIONAL BOARD NUMBER <i>NB23936</i>	18. USAF NUMBER <i>#2</i>
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19. USE <input type="checkbox"/> Power <input checked="" type="checkbox"/> Steam Heating <input type="checkbox"/> Process <input type="checkbox"/> Storage <input type="checkbox"/> HTHW Heating <input type="checkbox"/> Heat Exchange <input type="checkbox"/> Other (Specify)				
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20. METHOD OF FIRING (Boilers) <i>AUTO BURNER</i>	21. SAFETY/RELIEF VALVES SETTING <i>50</i>	22. EXPLAIN IF PRESSURE CHANGED	23. PRESSURE GAGE TESTED <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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24. PURPOSE OF HYDROSTATIC TEST <input type="checkbox"/> New <input type="checkbox"/> Retest <input type="checkbox"/> Repair	25. LAST HYDROSTATIC TEST Date: PSI: <i>UNK</i>	26. HYDROSTATIC TEST <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Date: PSI:
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### STATEMENT OF BASE CIVIL ENGINEER

27. REPAIRS MADE SINCE LAST INSPECTION <input type="checkbox"/> None <input checked="" type="checkbox"/> Other (Specify)
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*REFRACTORY REPAIR AND REPAIRED SEVERAL LEAKS*

### INTERNAL INSPECTION

28. DESCRIBE INSPECTION FULLY (State location of any damage or deposits, i.e., scale, grease, oil, etc.; any corrosion, pitting, grooving, cracking or lamination; any evidence of overheating, broken or loose items, etc.)
<i>No ADVERSE CONDITIONS NOTED</i>

### EXTERNAL INSPECTION

29. CONDITION OF BOILERS, VESSELS AND PLANT (Describe fully and state location of any corrosion, leakages, evidence of overheating, soot or other destructive accumulations, or safety or ASME/NB violations, etc.)
<i>THE BURNER ASSEMBLY AND LINKAGES ARE DISCONNECTED</i>

30. SETTINGS, LININGS, SUPPORTS AND BAFFLES
<i>SATISFACTORY</i>

### INSPECTION OF SAFETY DEVICE

31. SAFETY/RELIEF VALVES	32. SIZE Number: <i>2-1/2</i>	33. TOTAL CAPACITY CFM: BTU/HR: LB/HR: <i>5,344</i>	34. CONDITION AND HOW TESTED <i>VISUALLY SAT, NOT TESTED</i>
35. PRESSURE GAGES	36. CORRECTION TAKEN (if none give reason) <i>REQUIRES CALIBRATION</i>		
37. OTHER APPLIANCES	38. CONDITION <i>CLEAN &amp; CLEAR</i>		
38. REGULATORS AND CONTROLS	40. CONDITION <i>VISUALLY SAT, NOT TESTED, boiler idle</i>		

41. ASME CODES	Does plant comply with code, welding, materials, configuration, etc? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Explain)
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INSPECTOR STATEMENT

42. WAS BOILER OR VESSEL PREPARED FOR THOROUGH EXAMINATION (If NO, state what was not and why in Remarks and Recommendations of Inspector.)

Yes  No

43. WAS BOILER OR VESSEL ENTERED FOR THE INSPECTION (If NO, state what was not and why in Remarks and Recommendations of Inspector.)

Yes  No

REMARKS AND RECOMMENDATIONS OF THE INSPECTOR

44. LIST ALL DEFICIENCIES TO BE CORRECTED OR REPAIRED (Use a continuation sheet if necessary.)

*This boiler is AWAITING A NEW BURNER ASSEMBLY. ONCE INSTALLED, OPERATIONAL TESTS SHOULD BE PERFORMED ON ALL CONTROLS AND SAFETY DEVICES.*

45. TYPE OR PRINT NAME OF INSPECTOR

*Fred LAWRENCE*

45A. SIGNATURE OF INSPECTOR

*Fred Lawrence*

45B. DATE OF SIGNATURE

*12/29/03*

45C. INSPECTOR'S NATIONAL BOARD NO.

*NB 11658*

46. PRINT NAME AND TITLE OF REPRESENTATIVE ACCOMPANYING INSPECTOR

46A. SIGNATURE

46B. DATE OF SIGNATURE

46C. REPRESENTATIVE'S TELEPHONE NUMBER

ACTION TAKEN ON RECOMMENDATIONS

47. DATE AND ACTION TAKEN OR TO BE TAKEN

48. TYPE OR PRINT NAME, TITLE AND GRADE OF OFFICER IN CHARGE

*Jesse Riley Boiler Plant Foreman*

49. SIGNATURE OF OFFICER IN CHARGE

*Jesse Riley*

50. DATE OF SIGNATURE

*12-30-03*

# BOILER OR PRESSURE VESSEL INSPECTION REPORT

1. TYPE OF INSPECTION	
Internal and External	<input type="checkbox"/> BA <input type="checkbox"/> VA
Internal/External with Hydrostatic Test (same day)	<input type="checkbox"/> BB <input type="checkbox"/> VB
External Under Operation	<input checked="" type="checkbox"/> BC <input type="checkbox"/> VC
External Under Hydrostatic Test	<input type="checkbox"/> BD <input type="checkbox"/> VD
Expansion/Receiver Tank or Internal with UT	<input type="checkbox"/> BE <input type="checkbox"/> VE

HSBCT CONTRACT NUMBER \_\_\_\_\_

2. INSTALLATION FT. BENNING 2A. CITY \_\_\_\_\_ 3. STATE GA 4. ZIP CODE 31905 5. PLANT OR BLDG. 973

6. DATE OF INSPECTION 12/29/03 7. DATE OF LAST INSPECTION 1ST INSPECTION 8. DELIVERY ORDER NO. \_\_\_\_\_ 9. CONTRACT NO. \_\_\_\_\_

10. OBJECT  
 Fire Tube  Cast Iron  Water Tube  Expansion Tank  Pressure Vessel  
 11. PLANT  
 Manned  Unmanned

11A. PRESSURE PREVIOUS INSPECTION N/A 11B. PRESSURE THIS INSPECTION 7 12A. YEAR BUILT 2003 12B. YEAR INSTALLED 2003

13A. PRIMARY FUEL (Boiler) NAT. GAS 13B. SECONDARY FUEL (Boiler) N/A 14. DESIGN WORKING PRESSURE OR TEMPERATURE 15

15. MANUFACTURER Smith 16. MANUFACTURER'S RATING MBTU / LBS. / HR 1,733 MBH 17. NATIONAL BOARD NUMBER N/A 18. USAF NUMBER #1

19. USE  
 Power  Steam Heating  Process  Storage  HTHW Heating  Heat Exchange  Other (Specify) \_\_\_\_\_

20. METHOD OF FIRING (Boilers) AUTO BURNER 21. SAFETY/RELIEF VALVES SETTING 15 22. EXPLAIN IF PRESSURE CHANGED N/A 23. PRESSURE GAGE TESTED  
 Yes  No

24. PURPOSE OF HYDROSTATIC TEST  
 New  Retest  Repair  
 25. LAST HYDROSTATIC TEST  
 Date: \_\_\_\_\_ PSI: N/A  
 26. HYDROSTATIC TEST  
 Yes  No Date: \_\_\_\_\_ PSI: \_\_\_\_\_

### STATEMENT OF BASE CIVIL ENGINEER

27. REPAIRS MADE SINCE LAST INSPECTION  
 None  Other (Specify) \_\_\_\_\_

### INTERNAL INSPECTION

28. DESCRIBE INSPECTION FULLY (State location of any damage or deposits, i.e., scale, grease, oil, etc.; any corrosion, pitting, grooving, cracking or lamination; any evidence of overheating, broken or loose items, etc.)

TYPE "C" INSPECTION

### EXTERNAL INSPECTION

29. CONDITION OF BOILERS, VESSELS AND PLANT (Describe fully and state location of any corrosion, leakages, evidence of overheating, soot or other destructive accumulations, or safety or ASME/NB violations, etc.)

GAS REGULATOR NOT VENTED PROPERLY

30. SETTINGS, LININGS, SUPPORTS AND BAFFLES

SAT

### INSPECTION OF SAFETY DEVICE

31. SAFETY/RELIEF VALVES	32. SIZE Number: <u>1-3"</u>	33. TOTAL CAPACITY CFM: _____ BTU/HR: _____ LB/HR: <u>3180</u>	34. CONDITION AND HOW TESTED <u>TEST SAT BY HAND</u>
35. PRESSURE GAGES	36. CORRECTION TAKEN (if none give reason) <u>SAT</u>		
37. OTHER APPLIANCES	38. CONDITION <u>CLEAR &amp; CLEAR</u>		
38. REGULATORS AND CONTROLS	40. CONDITION <u>LWCO AND FLAME SENSOR TEST SAT.</u>		

41. ASME CODES

Does plant comply with code, welding, materials, configuration, etc?  Yes  No (Explain)

INSPECTOR STATEMENT

42. WAS BOILER OR VESSEL PREPARED FOR THOROUGH EXAMINATION (If NO, state what was not and why in Remarks and Recommendations of Inspector.)

Yes  No

43. WAS BOILER OR VESSEL ENTERED FOR THE INSPECTION (If NO, state what was not and why in Remarks and Recommendations of Inspector.)

Yes  No

REMARKS AND RECOMMENDATIONS OF THE INSPECTOR

44. LIST ALL DEFICIENCIES TO BE CORRECTED OR REPAIRED (Use a continuation sheet if necessary.)

gas regulator must be vented outside the boiler room as required by ASME CSD-1.

45. TYPE OR PRINT NAME OF INSPECTOR

Fred LAWRENCE

45A. SIGNATURE OF INSPECTOR

*Fred Lawrence*

45B. DATE OF SIGNATURE

12/29/03

45C. INSPECTOR'S NATIONAL BOARD NO.

NB11658

46. PRINT NAME AND TITLE OF REPRESENTATIVE ACCOMPANYING INSPECTOR

46A. SIGNATURE

46B. DATE OF SIGNATURE

46C. REPRESENTATIVE'S TELEPHONE NUMBER

ACTION TAKEN ON RECOMMENDATIONS

47. DATE AND ACTION TAKEN OR TO BE TAKEN

48. TYPE OR PRINT NAME, TITLE AND GRADE OF OFFICER IN CHARGE

Jesse Riley - Boiler Plant Foreman

49. SIGNATURE OF OFFICER IN CHARGE

*Jesse Riley*

50. DATE OF SIGNATURE

12-30-03

# BOILER OR PRESSURE VESSEL INSPECTION REPORT

1. TYPE OF INSPECTION	
Internal and External	<input type="checkbox"/> BA <input type="checkbox"/> VA
Internal/External with Hydrostatic Test (same day)	<input type="checkbox"/> BB <input type="checkbox"/> VB
External Under Operation	<input checked="" type="checkbox"/> BC <input type="checkbox"/> VC
External Under Hydrostatic Test	<input type="checkbox"/> BD <input type="checkbox"/> VD
Expansion/Receiver Tank or Internal with UT	<input type="checkbox"/> BE <input type="checkbox"/> VE

HSBCT CONTRACT NUMBER: \_\_\_\_\_

2. INSTALLATION <b>FT. BENNING</b>	2A. CITY	3. STATE <b>GA</b>	4. ZIP CODE <b>31905</b>	5. PLANT OR BLDG. <b>973</b>
6. DATE OF INSPECTION <b>12/29/03</b>	7. DATE OF LAST INSPECTION <b>4/23/03</b>	8. DELIVERY ORDER NO.	9. CONTRACT NO.	

10. OBJECT <input checked="" type="checkbox"/> Fire Tube <input type="checkbox"/> Cast Iron <input type="checkbox"/> Water Tube <input type="checkbox"/> Expansion Tank <input type="checkbox"/> Pressure Vessel		11. PLANT <input type="checkbox"/> Manned <input checked="" type="checkbox"/> Unmanned	
11A. PRESSURE PREVIOUS INSPECTION <b>10</b>	11B. PRESSURE THIS INSPECTION <b>0</b>	12A. YEAR BUILT <b>1982</b>	12B. YEAR INSTALLED <b>1982</b>
13A. PRIMARY FUEL (Boiler) <b>NAT. GAS</b>	13B. SECONDARY FUEL (Boiler) <b>N/A</b>	14. DESIGN WORKING PRESSURE OR TEMPERATURE <b>150</b>	
15. MANUFACTURER <b>INDUSTRIAL Boiler</b>	16. MANUFACTURER'S RATING MBTU / LBS. / HR <b>2070 16/hr</b>	17. NATIONAL BOARD NUMBER <b>NB 2760</b>	18. USAF NUMBER <b>#2</b>

19. USE <input type="checkbox"/> Power <input checked="" type="checkbox"/> Steam Heating <input type="checkbox"/> Process <input type="checkbox"/> Storage <input type="checkbox"/> HTHW Heating <input type="checkbox"/> Heat Exchange <input type="checkbox"/> Other (Specify)			
20. METHOD OF FIRING (Boilers) <b>AUTO BURNER</b>	21. SAFETY/RELIEF VALVES SETTING <b>85</b>	22. EXPLAIN IF PRESSURE CHANGED <b>-</b>	23. PRESSURE GAGE TESTED <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
24. PURPOSE OF HYDROSTATIC TEST <input type="checkbox"/> New <input type="checkbox"/> Retest <input type="checkbox"/> Repair	25. LAST HYDROSTATIC TEST Date: _____ PSI: <b>UNK</b>	26. HYDROSTATIC TEST <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Date: _____ PSI: _____	

## STATEMENT OF BASE CIVIL ENGINEER

27. REPAIRS MADE SINCE LAST INSPECTION  
 None  Other (Specify)

## INTERNAL INSPECTION

28. DESCRIBE INSPECTION FULLY (State location of any damage or deposits, i.e., scale, grease, oil, etc.; any corrosion, pitting, grooving, cracking or lamination; any evidence of overheating, broken or loose items, etc.)  
**TYPE "C" INSPECTION**

## EXTERNAL INSPECTION

29. CONDITION OF BOILERS, VESSELS AND PLANT (Describe fully and state location of any corrosion, leakages, evidence of overheating, soot or other destructive accumulations, or safety or ASME/NB violations, etc.)  
**1. SEVERE CORROSION AND LEAKAGE AT BOTTOM HAND HOLE PLUG.  
2. SEVERE CORROSION ON ALL SUPPORT LEGS. 3. BOTTOM BLOWDOWN PIPING DETERIORATED.  
4. EVIDENCE OF WATER LEAKING INTO ELECTRICAL CONTROL JUNCTION BOX.**

30. SETTINGS, LININGS, SUPPORTS AND BAFFLES  
**Corroded**

## INSPECTION OF SAFETY DEVICE

31. SAFETY/RELIEF VALVES	32. SIZE Number: <b>2"</b>	33. TOTAL CAPACITY CFM: _____ BTU/HR: _____ LB/HR: <b>4,800</b>	34. CONDITION AND HOW TESTED <b>Usually SAT, Not tested</b>
35. PRESSURE GAGES	38. CORRECTION TAKEN (if none give reason) <b>SAT</b>		
37. OTHER APPLIANCES	38. CONDITION <b>SAT</b>		
39. REGULATORS AND CONTROLS	40. CONDITION <b>Not tested, boiler idle</b>		

41. ASME CODES

Does plant comply with code, welding, materials, configuration, etc?  Yes  No (Explain)

**INSPECTOR STATEMENT**

42. WAS BOILER OR VESSEL PREPARED FOR THOROUGH EXAMINATION (If NO, state what was not and why in Remarks and Recommendations of Inspector.)

Yes  No

43. WAS BOILER OR VESSEL ENTERED FOR THE INSPECTION (If NO, state what was not and why in Remarks and Recommendations of Inspector.)

Yes  No

**REMARKS AND RECOMMENDATIONS OF THE INSPECTOR**

44. LIST ALL DEFICIENCIES TO BE CORRECTED OR REPAIRED (Use a continuation sheet if necessary.)

During the last inspection, it was recommended that this boiler be removed from service until the integrity of the metal around the bottom handhole is demonstrated. This recommendation is considered valid. This boiler should not be operated in its present condition.

- The boiler's shell thickness must be verified.
- The blowdown piping must be replaced.
- The corroded support legs must be repaired/re-enforced.
- The electrical controls must be cleaned and demonstrated.
- All external leaks must be repaired to prevent further damage.

45. TYPE OR PRINT NAME OF INSPECTOR

*Fred Lawrence*

45A. SIGNATURE OF INSPECTOR

*Fred Lawrence*

45B. DATE OF SIGNATURE

*12/29/03*

45C. INSPECTOR'S NATIONAL BOARD NO.

*NB11658*

46. PRINT NAME AND TITLE OF REPRESENTATIVE ACCOMPANYING INSPECTOR

48A. SIGNATURE

48B. DATE OF SIGNATURE

46C. REPRESENTATIVE'S TELEPHONE NUMBER

**ACTION TAKEN ON RECOMMENDATIONS**

47. DATE AND ACTION TAKEN OR TO BE TAKEN

48. TYPE OR PRINT NAME, TITLE AND GRADE OF OFFICER IN CHARGE

*Jesse Riley - Boiler Plant Foreman*

49. SIGNATURE OF OFFICER IN CHARGE

*Jesse Riley*

50. DATE OF SIGNATURE

*12-30-03*

# BOILER OR PRESSURE VESSEL INSPECTION REPORT

1. TYPE OF INSPECTION	
Internal and External	<input checked="" type="checkbox"/> BA <input type="checkbox"/> VA
Internal/External with Hydrostatic Test (same day)	<input type="checkbox"/> BB <input type="checkbox"/> VB
External Under Operation	<input type="checkbox"/> BC <input type="checkbox"/> VC
External Under Hydrostatic Test	<input type="checkbox"/> BD <input type="checkbox"/> VD
Expansion/Receiver Tank or Internal with UT	<input type="checkbox"/> BE <input type="checkbox"/> VE

HSBCT CONTRACT NUMBER

2. INSTALLATION <i>FT. BENNING</i>		2A. CITY	3. STATE <i>GA</i>	4. ZIP CODE <i>31905</i>	5. PLANT OR BLDG. <i>2491</i>
6. DATE OF INSPECTION <i>12/29/03</i>	7. DATE OF LAST INSPECTION <i>4/23/03</i>	8. DELIVERY ORDER NO.		9. CONTRACT NO.	
10. OBJECT <input checked="" type="checkbox"/> Fire Tube <input type="checkbox"/> Cast Iron <input type="checkbox"/> Water Tube <input type="checkbox"/> Expansion Tank <input type="checkbox"/> Pressure Vessel			11. PLANT <input type="checkbox"/> Manned <input checked="" type="checkbox"/> Unmanned		
11A. PRESSURE PREVIOUS INSPECTION <i>10</i>	11B. PRESSURE THIS INSPECTION <i>0</i>	12A. YEAR BUILT <i>1985</i>	12B. YEAR INSTALLED <i>1985</i>		
13A. PRIMARY FUEL (Boiler) <i>NAT. GAS</i>	13B. SECONDARY FUEL (Boiler) <i>oil</i>	14. DESIGN WORKING PRESSURE OR TEMPERATURE <i>150</i>			
15. MANUFACTURER <i>SPENCER</i>	16. MANUFACTURER'S RATING MBTU / LBS. / HR <i>Could not be determined</i>	17. NATIONAL BOARD NUMBER <i>UNKNOWN</i>	18. USAF NUMBER <i>#1</i>		
19. USE <input type="checkbox"/> Power <input checked="" type="checkbox"/> Steam Heating <input type="checkbox"/> Process <input type="checkbox"/> Storage <input type="checkbox"/> HTHW Heating <input type="checkbox"/> Heat Exchange <input type="checkbox"/> Other (Specify)					
20. METHOD OF FIRING (Boilers) <i>AUTO BURNER</i>	21. SAFETY/RELIEF VALVES SETTING <i>150</i>	22. EXPLAIN IF PRESSURE CHANGED		23. PRESSURE GAGE TESTED <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
24. PURPOSE OF HYDROSTATIC TEST <input type="checkbox"/> New <input type="checkbox"/> Retest <input type="checkbox"/> Repair		25. LAST HYDROSTATIC TEST Date: PSI: <i>UNK</i>		26. HYDROSTATIC TEST <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Date: PSI:	

## STATEMENT OF BASE CIVIL ENGINEER

27. REPAIRS MADE SINCE LAST INSPECTION  
 None  Other (Specify)

## INTERNAL INSPECTION

28. DESCRIBE INSPECTION FULLY (State location of any damage or deposits, i.e., scale, grease, oil, etc.; any corrosion, pitting, grooving, cracking or lamination; any evidence of overheating, broken or loose items, etc.)  
*HEAVY SCALE ON ALL WATERSIDE SURFACES.*

## EXTERNAL INSPECTION

29. CONDITION OF BOILERS, VESSELS AND PLANT (Describe fully and state location of any corrosion, leakages, evidence of overheating, soot or other destructive accumulations, or safety or ASME/NB violations, etc.)

*ENTIRE boiler outer casing covered with SHEET METAL. All piping systems including; Feed and blowdown have been removed in preparation for removing the boiler.*

30. SETTINGS, LININGS, SUPPORTS AND BAFFLES

*SAT*

## INSPECTION OF SAFETY DEVICE

31. SAFETY/RELIEF VALVES	32. SIZE Number: <i>1-2"</i>	33. TOTAL CAPACITY CFM: BTU/HR: LB/HR: <i>4260</i>	34. CONDITION AND HOW TESTED <i>Not tested</i>
35. PRESSURE GAGES	36. CORRECTION TAKEN (if none give reason) <i>Not installed</i>		
37. OTHER APPLIANCES	38. CONDITION <i>Not installed</i>		
39. REGULATORS AND CONTROLS	40. CONDITION <i>Not installed</i>		

41. ASME CODES

Does plant comply with code, welding, materials, configuration, etc?  Yes  No (Explain)

INSPECTOR STATEMENT

42. WAS BOILER OR VESSEL PREPARED FOR THOROUGH EXAMINATION (If NO, state what was not and why in Remarks and Recommendations of Inspector.)

Yes  No

43. WAS BOILER OR VESSEL ENTERED FOR THE INSPECTION (If NO, state what was not and why in Remarks and Recommendations of Inspector.)

Yes  No

REMARKS AND RECOMMENDATIONS OF THE INSPECTOR

44. LIST ALL DEFICIENCIES TO BE CORRECTED OR REPAIRED (Use a continuation sheet if necessary.)

*This boiler is being removed AND scrapped. No recommendations for repair are appropriate.*

45. TYPE OR PRINT NAME OF INSPECTOR

*Fred LAWRENCE*

45A. SIGNATURE OF INSPECTOR

*Fred Lawrence*

45B. DATE OF SIGNATURE

*12/29/03*

45C. INSPECTOR'S NATIONAL BOARD NO.

*NB11658*

46. PRINT NAME AND TITLE OF REPRESENTATIVE ACCOMPANYING INSPECTOR

46A. SIGNATURE

46B. DATE OF SIGNATURE

46C. REPRESENTATIVE'S TELEPHONE NUMBER

ACTION TAKEN ON RECOMMENDATIONS

47. DATE AND ACTION TAKEN OR TO BE TAKEN

48. TYPE OR PRINT NAME, TITLE AND GRADE OF OFFICER IN CHARGE

*Jesse Riley Boiler Plant Foreman*

49. SIGNATURE OF OFFICER IN CHARGE

*Jesse Riley*

50. DATE OF SIGNATURE

*12-30-03*

# BOILER OR PRESSURE VESSEL INSPECTION REPORT

1. TYPE OF INSPECTION	
Internal and External	<input type="checkbox"/> BA <input type="checkbox"/> VA
Internal/External with Hydrostatic Test (same day)	<input type="checkbox"/> BB <input type="checkbox"/> VB
External Under Operation	<input checked="" type="checkbox"/> BC <input type="checkbox"/> VC
External Under Hydrostatic Test	<input type="checkbox"/> BD <input type="checkbox"/> VD
Expansion/Receiver Tank or Internal with UT	<input type="checkbox"/> BE <input type="checkbox"/> VE

HSBCT CONTRACT NUMBER

2. INSTALLATION <i>FT. BENNING</i>	2A. CITY	3. STATE <i>GA</i>	4. ZIP CODE <i>31905</i>	5. PLANT OR BLDG. <i>2491</i>
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6. DATE OF INSPECTION <i>12/29/03</i>	7. DATE OF LAST INSPECTION <i>4/23/03</i>	8. DELIVERY ORDER NO.	9. CONTRACT NO.
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10. OBJECT <input checked="" type="checkbox"/> Fire Tube <input type="checkbox"/> Cast Iron <input type="checkbox"/> Water Tube <input type="checkbox"/> Expansion Tank <input type="checkbox"/> Pressure Vessel	11. PLANT <input type="checkbox"/> Manned <input checked="" type="checkbox"/> Unmanned
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11A. PRESSURE PREVIOUS INSPECTION <i>10</i>	11B. PRESSURE THIS INSPECTION <i>15</i>	12A. YEAR BUILT <i>1985</i>	12B. YEAR INSTALLED <i>1985</i>
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13A. PRIMARY FUEL (Boiler) <i>NAT. GAS</i>	13B. SECONDARY FUEL (Boiler) <i>oil</i>	14. DESIGN WORKING PRESSURE OR TEMPERATURE <i>150</i>
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15. MANUFACTURER <i>SPENCER</i>	16. MANUFACTURER'S RATING MBTU / LBS. / HR <i>Could not be determined</i>	17. NATIONAL BOARD NUMBER <i>NB13878</i>	18. USAF NUMBER <i>#2</i>
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19. USE <input type="checkbox"/> Power <input checked="" type="checkbox"/> Steam Heating <input type="checkbox"/> Process <input type="checkbox"/> Storage <input type="checkbox"/> HTHW Heating <input type="checkbox"/> Heat Exchange <input type="checkbox"/> Other (Specify)
---

20. METHOD OF FIRING (Boilers) <i>Auto Burner</i>	21. SAFETY/RELIEF VALVES SETTING <i>150</i>	22. EXPLAIN IF PRESSURE CHANGED	23. PRESSURE GAGE TESTED <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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24. PURPOSE OF HYDROSTATIC TEST <input type="checkbox"/> New <input type="checkbox"/> Retest <input type="checkbox"/> Repair	25. LAST HYDROSTATIC TEST Date: PSI: <i>UNK</i>	26. HYDROSTATIC TEST <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Date: PSI:
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### STATEMENT OF BASE CIVIL ENGINEER

27. REPAIRS MADE SINCE LAST INSPECTION <input checked="" type="checkbox"/> None <input type="checkbox"/> Other (Specify)
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### INTERNAL INSPECTION

28. DESCRIBE INSPECTION FULLY (State location of any damage or deposits, i.e., scale, grease, oil, etc.; any corrosion, pitting, grooving, cracking or lamination; any evidence of overheating, broken or loose items, etc.)  
*TYPE "C" INSPECTION*

### EXTERNAL INSPECTION

29. CONDITION OF BOILERS, VESSELS AND PLANT (Describe fully and state location of any corrosion, leakages, evidence of overheating, soot or other destructive accumulations, or safety or ASME/NB violations, etc.)  
*handhole plugs covered with sheet metal. Dirty gauge glass, 1 missing and 1 leaking tri-cock valve. Gas regulator not vented properly. Blowdown piping obstructed.*

30. SETTINGS, LININGS, SUPPORTS AND BAFFLES  
*SAT*

### INSPECTION OF SAFETY DEVICE

31. SAFETY/RELIEF VALVES	32. SIZE Number: <i>1-2"</i>	33. TOTAL CAPACITY CFM: BTU/HR: LB/HR: <i>4260</i>	34. CONDITION AND HOW TESTED <i>Test SAT by hand</i>
35. PRESSURE GAGES	36. CORRECTION TAKEN (If none give reason) <i>SAT</i>		
37. OTHER APPLIANCES	38. CONDITION <i>DIRTY</i>		
39. REGULATORS AND CONTROLS	40. CONDITION <i>LUCK failed to shut the boiler down</i>		

41. ASME CODES  
Does plant comply with code, welding, materials, configuration, etc?  Yes  No (Explain)

**INSPECTOR STATEMENT**

42. WAS BOILER OR VESSEL PREPARED FOR THOROUGH EXAMINATION (If NO, state what was not and why in Remarks and Recommendations of Inspector.)

Yes     No

43. WAS BOILER OR VESSEL ENTERED FOR THE INSPECTION (If NO, state what was not and why in Remarks and Recommendations of Inspector.)

Yes     No

**REMARKS AND RECOMMENDATIONS OF THE INSPECTOR**

44. LIST ALL DEFICIENCIES TO BE CORRECTED OR REPAIRED (Use a continuation sheet if necessary.)

- openings should be cut into the sheet metal around all the handhole plugs to allow for inspection.
- The gage glass must be cleaned or replaced so the water level can be observed.
- The TRI-COCK VALVE must be kept in good working condition. Both tri-cock valves must be replaced.
- This boiler should be removed from service until the LOW WATER FUEL CUTOFF DEVICE is repaired or replaced.

45. TYPE OR PRINT NAME OF INSPECTOR

*Fred Lawrence*

45A. SIGNATURE OF INSPECTOR

*Fred Lawrence*

45B. DATE OF SIGNATURE

*12/29/03*

45C. INSPECTOR'S NATIONAL BOARD NO.

*NB11658*

46. PRINT NAME AND TITLE OF REPRESENTATIVE ACCOMPANYING INSPECTOR

46A. SIGNATURE

46B. DATE OF SIGNATURE

46C. REPRESENTATIVE'S TELEPHONE NUMBER

**ACTION TAKEN ON RECOMMENDATIONS**

47. DATE AND ACTION TAKEN OR TO BE TAKEN

48. TYPE OR PRINT NAME, TITLE AND GRADE OF OFFICER IN CHARGE

*Jesse Riley Boiler Plant Foreman*

49. SIGNATURE OF OFFICER IN CHARGE

*Jesse Riley*

50. DATE OF SIGNATURE

*12-30-03*

# BOILER OR PRESSURE VESSEL INSPECTION REPORT

1. TYPE OF INSPECTION	
Internal and External	<input checked="" type="checkbox"/> BA <input type="checkbox"/> VA
Internal/External with Hydrostatic Test (same day)	<input type="checkbox"/> BB <input type="checkbox"/> VB
External Under Operation	<input type="checkbox"/> BC <input type="checkbox"/> VC
External Under Hydrostatic Test	<input type="checkbox"/> BD <input type="checkbox"/> VD
Expansion/Receiver Tank or Internal with UT	<input type="checkbox"/> BE <input type="checkbox"/> VE

2. INSTALLATION <i>FT. BENNING</i>		2A. CITY	3. STATE <i>GA</i>	4. ZIP CODE <i>31905</i>	5. PLANT OR BLDG. <i>3020</i>
HSBCT CONTRACT NUMBER					

6. DATE OF INSPECTION <i>12/30/03</i>	7. DATE OF LAST INSPECTION <i>1<sup>ST</sup> INSPECTION</i>	8. DELIVERY ORDER NO.	9. CONTRACT NO.
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10. OBJECT <input checked="" type="checkbox"/> Fire Tube <input type="checkbox"/> Cast Iron <input type="checkbox"/> Water Tube <input type="checkbox"/> Expansion Tank <input type="checkbox"/> Pressure Vessel	11. PLANT <input type="checkbox"/> Manned <input checked="" type="checkbox"/> Unmanned
---	---

11A. PRESSURE PREVIOUS INSPECTION <i>N/A</i>	11B. PRESSURE THIS INSPECTION <i>0</i>	12A. YEAR BUILT <i>2000</i>	12B. YEAR INSTALLED <i>2000</i>
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13A. PRIMARY FUEL (Boiler) <i>NAT. GAS</i>	13B. SECONDARY FUEL (Boiler) <i>N/A</i>	14. DESIGN WORKING PRESSURE OR TEMPERATURE <i>150</i>
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15. MANUFACTURER <i>HURST</i>	16. MANUFACTURER'S RATING MBTU /LBS. / HR <i>1,035 lb/hr</i>	17. NATIONAL BOARD NUMBER <i>NB8247</i>	18. USAF NUMBER <i>#1</i>
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19. USE <input type="checkbox"/> Power <input checked="" type="checkbox"/> Steam Heating <input type="checkbox"/> Process <input type="checkbox"/> Storage <input type="checkbox"/> HTHW Heating <input type="checkbox"/> Heat Exchange <input type="checkbox"/> Other (Specify)
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20. METHOD OF FIRING (Boilers) <i>Auto Burner</i>	21. SAFETY/RELIEF VALVES SETTING <i>150</i>	22. EXPLAIN IF PRESSURE CHANGED	23. PRESSURE GAGE TESTED <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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24. PURPOSE OF HYDROSTATIC TEST <input type="checkbox"/> New <input type="checkbox"/> Retest <input type="checkbox"/> Repair	25. LAST HYDROSTATIC TEST Date: PSI: <i>N/A</i>	26. HYDROSTATIC TEST <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Date: PSI:
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### STATEMENT OF BASE CIVIL ENGINEER

27. REPAIRS MADE SINCE LAST INSPECTION <input checked="" type="checkbox"/> None <input type="checkbox"/> Other (Specify)
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### INTERNAL INSPECTION

28. DESCRIBE INSPECTION FULLY (State location of any damage or deposits, i.e., scale, grease, oil, etc.; any corrosion, pitting, grooving, cracking or lamination; any evidence of overheating, broken or loose items, etc.) <i>SURFACES HEAVY SCALE ACCUMULATION ON ALL WATERSIDE</i>
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### EXTERNAL INSPECTION

29. CONDITION OF BOILERS, VESSELS AND PLANT (Describe fully and state location of any corrosion, leakages, evidence of overheating, soot or other destructive accumulations, or safety or ASME/NB violations, etc.) <i>No Adverse Conditions</i>
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30. SETTINGS, LININGS, SUPPORTS AND BAFFLES <i>Good</i>
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### INSPECTION OF SAFETY DEVICE

31. SAFETY/RELIEF VALVES	32. SIZE Number: <i>1-3/4"</i>	33. TOTAL CAPACITY CFM: BTU/HR: LB/HR: <i>1,651</i>	34. CONDITION AND HOW TESTED <i>Visually SAT, Not tested</i>
35. PRESSURE GAGES	36. CORRECTION TAKEN (if none give reason) <i>SAT.</i>		
37. OTHER APPLIANCES	38. CONDITION <i>Clean &amp; Clear</i>		
39. REGULATORS AND CONTROLS	40. CONDITION <i>Usually SAT, not tested, boiler idle</i>		
41. ASME CODES			

Does plant comply with code, welding, materials, configuration, etc?  Yes  No (Explain)

INSPECTOR STATEMENT

42. WAS BOILER OR VESSEL PREPARED FOR THOROUGH EXAMINATION (If NO, state what was not and why in Remarks and Recommendations of Inspector.)

Yes  No

43. WAS BOILER OR VESSEL ENTERED FOR THE INSPECTION (If NO, state what was not and why in Remarks and Recommendations of Inspector.)

Yes  No

REMARKS AND RECOMMENDATIONS OF THE INSPECTOR

44. LIST ALL DEFICIENCIES TO BE CORRECTED OR REPAIRED (Use a continuation sheet if necessary.)

*No Recommendations*

*PROPER CHEMICAL TREATMENT AND BLOWDOWNS MUST BE ADMINISTERED TO CONTROL SCALE AND OXYGEN A.G.P. per ENR 1/24/04*

45. TYPE OR PRINT NAME OF INSPECTOR

*Fred Lawrence*

45A. SIGNATURE OF INSPECTOR

*Fred Lawrence*

45B. DATE OF SIGNATURE

*12/30/03*

45C. INSPECTOR'S NATIONAL BOARD NO.

*NB 11658*

46. PRINT NAME AND TITLE OF REPRESENTATIVE ACCOMPANYING INSPECTOR

46A. SIGNATURE

46B. DATE OF SIGNATURE

46C. REPRESENTATIVE'S TELEPHONE NUMBER

ACTION TAKEN ON RECOMMENDATIONS

47. DATE AND ACTION TAKEN OR TO BE TAKEN

48. TYPE OR PRINT NAME, TITLE AND GRADE OF OFFICER IN CHARGE

*Jimmy J. Strickland - Leadman*

49. SIGNATURE OF OFFICER IN CHARGE

*Jimmy J. Strickland*

50. DATE OF SIGNATURE

*12/30/03*

# BOILER OR PRESSURE VESSEL INSPECTION REPORT

HSBCT CONTRACT NUMBER

1. TYPE OF INSPECTION	
Internal and External	<input type="checkbox"/> BA <input type="checkbox"/> VA
Internal/External with Hydrostatic Test (same day)	<input type="checkbox"/> BB <input type="checkbox"/> VB
External Under Operation	<input checked="" type="checkbox"/> BC <input type="checkbox"/> VC
External Under Hydrostatic Test	<input type="checkbox"/> BD <input type="checkbox"/> VD
Expansion/Receiver Tank or Internal with UT	<input type="checkbox"/> BE <input type="checkbox"/> VE

2. INSTALLATION <i>FT. BENNING</i>		2A. CITY	3. STATE <i>GA</i>	4. ZIP CODE <i>31905</i>	5. PLANT OR BLDG. <i>3025</i>
6. DATE OF INSPECTION <i>12/30/03</i>	7. DATE OF LAST INSPECTION <i>1ST INSPECTION</i>	8. DELIVERY ORDER NO.		9. CONTRACT NO.	
10. OBJECT <input checked="" type="checkbox"/> Fire Tube <input type="checkbox"/> Cast Iron <input type="checkbox"/> Water Tube <input type="checkbox"/> Expansion Tank <input type="checkbox"/> Pressure Vessel			11. PLANT <input type="checkbox"/> Manned <input checked="" type="checkbox"/> Unmanned		
11A. PRESSURE PREVIOUS INSPECTION <i>N/A</i>	11B. PRESSURE THIS INSPECTION <i>23</i>	12A. YEAR BUILT <i>2000</i>	12B. YEAR INSTALLED <i>2000</i>		
13A. PRIMARY FUEL (Boiler) <i>NAT. GAS</i>	13B. SECONDARY FUEL (Boiler) <i>N/A</i>	14. DESIGN WORKING PRESSURE OR TEMPERATURE <i>150</i>			
15. MANUFACTURER <i>HURST</i>	16. MANUFACTURER'S RATING MBTU / LBS. / HR <i>3,450</i>	17. NATIONAL BOARD NUMBER <i>NB8248</i>	18. USAF NUMBER <i>#1</i>		
19. USE <input type="checkbox"/> Power <input checked="" type="checkbox"/> Steam Heating <input type="checkbox"/> Process <input type="checkbox"/> Storage <input type="checkbox"/> HTHW Heating <input type="checkbox"/> Heat Exchange <input type="checkbox"/> Other (Specify)					
20. METHOD OF FIRING (Boilers) <i>Auto Burner</i>	21. SAFETY/RELIEF VALVES SETTING <i>150</i>	22. EXPLAIN IF PRESSURE CHANGED <i>—</i>		23. PRESSURE GAGE TESTED <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
24. PURPOSE OF HYDROSTATIC TEST <input type="checkbox"/> New <input type="checkbox"/> Retest <input type="checkbox"/> Repair	25. LAST HYDROSTATIC TEST Date: <i>N/A</i> PSI: <i>N/A</i>	26. HYDROSTATIC TEST <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Date: <i>N/A</i> PSI: <i>N/A</i>			

### STATEMENT OF BASE CIVIL ENGINEER

27. REPAIRS MADE SINCE LAST INSPECTION  
 None  Other (Specify)

### INTERNAL INSPECTION

28. DESCRIBE INSPECTION FULLY (State location of any damage or deposits, i.e., scale, grease, oil, etc.; any corrosion, pitting, grooving, cracking or lamination; any evidence of overheating, broken or loose items, etc.)  
*TYPE "C" INSPECTION*

### EXTERNAL INSPECTION

29. CONDITION OF BOILERS, VESSELS AND PLANT (Describe fully and state location of any corrosion, leakages, evidence of overheating, soot or other destructive accumulations, or safety or ASME/NB violations, etc.)  
*No Adverse Conditions Noted*

30. SETTINGS, LININGS, SUPPORTS AND BAFFLES  
*Good*

### INSPECTION OF SAFETY DEVICE

31. SAFETY/RELIEF VALVES	32. SIZE Number: <i>1-1/4</i>	33. TOTAL CAPACITY CFM: <i>6,021</i> BTU/HR: <i>6,021</i> LB/HR: <i>6,021</i>	34. CONDITION AND HOW TESTED <i>TEST SAT. BY HAND</i>
35. PRESSURE GAGES	36. CORRECTION TAKEN (if none give reason) <i>SAT.</i>		
37. OTHER APPLIANCES	38. CONDITION <i>CLEAN &amp; CLEAR</i>		
39. REGULATORS AND CONTROLS	40. CONDITION <i>LWCO &amp; FLAME SENSOR TEST SAT</i>		

41. ASME CODES

Does plant comply with code, welding, materials, configuration, etc?  Yes  No (Explain)

INSPECTOR STATEMENT

42. WAS BOILER OR VESSEL PREPARED FOR THOROUGH EXAMINATION (If NO, state what was not and why in Remarks and Recommendations of Inspector.)

Yes.  No

43. WAS BOILER OR VESSEL ENTERED FOR THE INSPECTION (If NO, state what was not and why in Remarks and Recommendations of Inspector.)

Yes  No

REMARKS AND RECOMMENDATIONS OF THE INSPECTOR

44. LIST ALL DEFICIENCIES TO BE CORRECTED OR REPAIRED (Use a continuation sheet if necessary.)

*No Recommendations*

45. TYPE OR PRINT NAME OF INSPECTOR

*Fred Lawrence*

45A. SIGNATURE OF INSPECTOR

*Fred Lawrence*

45B. DATE OF SIGNATURE

*12/30/03*

45C. INSPECTOR'S NATIONAL BOARD NO.

*NB 11658*

46. PRINT NAME AND TITLE OF REPRESENTATIVE ACCOMPANYING INSPECTOR

46A. SIGNATURE

46B. DATE OF SIGNATURE

46C. REPRESENTATIVE'S TELEPHONE NUMBER

ACTION TAKEN ON RECOMMENDATIONS

47. DATE AND ACTION TAKEN OR TO BE TAKEN

48. TYPE OR PRINT NAME, TITLE AND GRADE OF OFFICER IN CHARGE

*Jimmy N Strickland Leadman*

49. SIGNATURE OF OFFICER IN CHARGE

*Jimmy N Strickland*

50. DATE OF SIGNATURE

*12/30/03*

# BOILER OR PRESSURE VESSEL INSPECTION REPORT

1. TYPE OF INSPECTION	
Internal and External	<input checked="" type="checkbox"/> BA <input type="checkbox"/> VA
Internal/External with Hydrostatic Test (same day)	<input type="checkbox"/> BB <input type="checkbox"/> VB
External Under Operation	<input type="checkbox"/> BC <input type="checkbox"/> VC
External Under Hydrostatic Test	<input type="checkbox"/> BD <input type="checkbox"/> VD
Expansion/Receiver Tank or Internal with UT	<input type="checkbox"/> BE <input type="checkbox"/> VE

HSBCT CONTRACT NUMBER

2. INSTALLATION <i>Ft. Benning</i>		2A. CITY	3. STATE <i>GA</i>	4. ZIP CODE <i>31905</i>	5. PLANT OR BLDG. <i>3105</i>
6. DATE OF INSPECTION <i>12/30/03</i>	7. DATE OF LAST INSPECTION <i>1st inspection</i>	8. DELIVERY ORDER NO.		9. CONTRACT NO.	
10. OBJECT <input checked="" type="checkbox"/> Fire Tube <input type="checkbox"/> Cast Iron <input type="checkbox"/> Water Tube <input type="checkbox"/> Expansion Tank <input type="checkbox"/> Pressure Vessel			11. PLANT <input type="checkbox"/> Manned <input checked="" type="checkbox"/> Unmanned		
11A. PRESSURE PREVIOUS INSPECTION <i>N/A</i>	11B. PRESSURE THIS INSPECTION <i>0</i>	12A. YEAR BUILT <i>2000</i>	12B. YEAR INSTALLED <i>2000</i>		
13A. PRIMARY FUEL (Boiler) <i>NAT. GAS</i>	13B. SECONDARY FUEL (Boiler) <i>N/A</i>	14. DESIGN WORKING PRESSURE OR TEMPERATURE <i>150</i>			
15. MANUFACTURER <i>HURST</i>	16. MANUFACTURER'S RATING MBTU/LBS. / HR <i>1380 lb/hr</i>	17. NATIONAL BOARD NUMBER <i>NB7764</i>	18. USAF NUMBER <i>#1</i>		
19. USE <input type="checkbox"/> Power <input checked="" type="checkbox"/> Steam Heating <input type="checkbox"/> Process <input type="checkbox"/> Storage <input type="checkbox"/> HTHW Heating <input type="checkbox"/> Heat Exchange <input type="checkbox"/> Other (Specify)					
20. METHOD OF FIRING (Boilers) <i>Auto Burner</i>	21. SAFETY/RELIEF VALVES SETTING <i>60</i>	22. EXPLAIN IF PRESSURE CHANGED —		23. PRESSURE GAGE TESTED <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
24. PURPOSE OF HYDROSTATIC TEST <input type="checkbox"/> New <input type="checkbox"/> Retest <input type="checkbox"/> Repair	25. LAST HYDROSTATIC TEST Date: PSI: <i>N/A</i>	26. HYDROSTATIC TEST <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Date: PSI:			

### STATEMENT OF BASE CIVIL ENGINEER

27. REPAIRS MADE SINCE LAST INSPECTION  
 None  Other (Specify)

### INTERNAL INSPECTION

28. DESCRIBE INSPECTION FULLY (State location of any damage or deposits, i.e., scale, grease, oil, etc.; any corrosion, pitting, grooving, cracking or lamination; any evidence of overheating, broken or loose items, etc.)  
*No Adverse Conditions*

### EXTERNAL INSPECTION

29. CONDITION OF BOILERS, VESSELS AND PLANT (Describe fully and state location of any corrosion, leakages, evidence of overheating, soot or other destructive accumulations, or safety or ASME/NB violations, etc.)  
*No Adverse Conditions*

### 30. SETTINGS, LININGS, SUPPORTS AND BAFFLES

*Good*

### INSPECTION OF SAFETY DEVICE

31. SAFETY/RELIEF VALVES	32. SIZE Number: <i>1-1 1/4</i>	33. TOTAL CAPACITY CFM: BTU/HR: LB/HR: <i>1949</i>	34. CONDITION AND HOW TESTED <i>Visually SAT</i>
35. PRESSURE GAGES	36. CORRECTION TAKEN (If none give reason) <i>SAT</i>		
37. OTHER APPLIANCES	38. CONDITION <i>Clean &amp; Clear</i>		
39. REGULATORS AND CONTROLS	40. CONDITION <i>Visually SAT, Not tested, boiler TdL</i>		

41. ASME CODES

Does plant comply with code, welding, materials, configuration, etc?  Yes  No (Explain)

INSPECTOR STATEMENT

42. WAS BOILER OR VESSEL PREPARED FOR THOROUGH EXAMINATION (If NO, state what was not and why in Remarks and Recommendations of Inspector.)

Yes  No

43. WAS BOILER OR VESSEL ENTERED FOR THE INSPECTION (If NO, state what was not and why in Remarks and Recommendations of Inspector.)

Yes  No

REMARKS AND RECOMMENDATIONS OF THE INSPECTOR

44. LIST ALL DEFICIENCIES TO BE CORRECTED OR REPAIRED (Use a continuation sheet if necessary.)

*No RECOMMENDATIONS*

45. TYPE OR PRINT NAME OF INSPECTOR

*Fred LAWRENCE*

45A. SIGNATURE OF INSPECTOR

*Fred Lawrence*

45B. DATE OF SIGNATURE

*12/30/03*

45C. INSPECTOR'S NATIONAL BOARD NO.

*NB 11658*

46. PRINT NAME AND TITLE OF REPRESENTATIVE ACCOMPANYING INSPECTOR

46A. SIGNATURE

46B. DATE OF SIGNATURE

46C. REPRESENTATIVE'S TELEPHONE NUMBER

ACTION TAKEN ON RECOMMENDATIONS

47. DATE AND ACTION TAKEN OR TO BE TAKEN

48. TYPE OR PRINT NAME, TITLE AND GRADE OF OFFICER IN CHARGE

*Jimmy W Strickland - Leadman*

49. SIGNATURE OF OFFICER IN CHARGE

*Jimmy W Strickland*

50. DATE OF SIGNATURE

*12/30/03*

# BOILER OR PRESSURE VESSEL INSPECTION REPORT

1. TYPE OF INSPECTION	
Internal and External	<input checked="" type="checkbox"/> BA <input type="checkbox"/> VA
Internal/External with Hydrostatic Test (same day)	<input type="checkbox"/> BB <input type="checkbox"/> VB
External Under Operation	<input type="checkbox"/> BC <input type="checkbox"/> VC
External Under Hydrostatic Test	<input type="checkbox"/> BD <input type="checkbox"/> VD
Expansion/Receiver Tank or Internal with UT	<input type="checkbox"/> BE <input type="checkbox"/> VE

HSBCT CONTRACT NUMBER

2. INSTALLATION <i>Ft. BENNING</i>	2A. CITY	3. STATE <i>GA</i>	4. ZIP CODE <i>31905</i>	6. PLANT OR BLDG. <i>3210</i>
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8. DATE OF INSPECTION <i>12/30/03</i>	7. DATE OF LAST INSPECTION <i>1<sup>ST</sup> INSPECTION</i>	8. DELIVERY ORDER NO.	9. CONTRACT NO.
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10. OBJECT <input checked="" type="checkbox"/> Fire Tube <input type="checkbox"/> Cast Iron <input type="checkbox"/> Water Tube <input type="checkbox"/> Expansion Tank <input type="checkbox"/> Pressure Vessel	11. PLANT <input type="checkbox"/> Manned <input checked="" type="checkbox"/> Unmanned
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11A. PRESSURE PREVIOUS INSPECTION <i>N/A</i>	11B. PRESSURE THIS INSPECTION <i>0</i>	12A. YEAR BUILT <i>2000</i>	12B. YEAR INSTALLED <i>2000</i>
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13A. PRIMARY FUEL (Boiler) <i>NAT. GAS</i>	13B. SECONDARY FUEL (Boiler) <i>N/A</i>	14. DESIGN WORKING PRESSURE OR TEMPERATURE <i>150</i>
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15. MANUFACTURER <i>HURST</i>	16. MANUFACTURER'S RATING MBTU / LBS. / HR <i>1,380</i>	17. NATIONAL BOARD NUMBER <i>NB7766</i>	18. USAF NUMBER <i>#1</i>
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19. USE <input type="checkbox"/> Power <input checked="" type="checkbox"/> Steam Heating <input type="checkbox"/> Process <input type="checkbox"/> Storage <input type="checkbox"/> HTHW Heating <input type="checkbox"/> Heat Exchange <input type="checkbox"/> Other (Specify)
---

20. METHOD OF FIRING (Boilers) <i>AUTO BURNER</i>	21. SAFETY/RELIEF VALVES SETTING <i>60</i>	22. EXPLAIN IF PRESSURE CHANGED <i>-</i>	23. PRESSURE GAGE TESTED <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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24. PURPOSE OF HYDROSTATIC TEST <input type="checkbox"/> New <input type="checkbox"/> Retest <input type="checkbox"/> Repair	25. LAST HYDROSTATIC TEST Date: <i>N/A</i> PSI: <i>N/A</i>	26. HYDROSTATIC TEST <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Date: <i>N/A</i> PSI: <i>N/A</i>
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### STATEMENT OF BASE CIVIL ENGINEER

27. REPAIRS MADE SINCE LAST INSPECTION <input checked="" type="checkbox"/> None <input type="checkbox"/> Other (Specify)
---

### INTERNAL INSPECTION

28. DESCRIBE INSPECTION FULLY (State location of any damage or deposits, i.e., scale, grease, oil, etc.; any corrosion, pitting, grooving, cracking or lamination; any evidence of overheating, broken or loose items, etc.) <i>No Adverse conditions</i>
--

### EXTERNAL INSPECTION

29. CONDITION OF BOILERS, VESSELS AND PLANT (Describe fully and state location of any corrosion, leakages, evidence of overheating, soot or other destructive accumulations, or safety or ASME/NB violations, etc.) <i>Lower left hand hole plug gasket leaking</i>
--

30. SETTINGS, LININGS, SUPPORTS AND BAFFLES <i>Good</i>
--

### INSPECTION OF SAFETY DEVICE

31. SAFETY/RELIEF VALVES	32. SIZE Number: <i>1-1/4</i>	33. TOTAL CAPACITY CFM: <i>1919</i> BTU/HR: <i>1919</i> LB/HR: <i>1919</i>	34. CONDITION AND HOW TESTED <i>Visually SAT, Not tested</i>
35. PRESSURE GAGES	36. CORRECTION TAKEN (if none give reason) <i>SAT.</i>		
37. OTHER APPLIANCES	38. CONDITION <i>CLEAN &amp; CLEAR</i>		
39. REGULATORS AND CONTROLS	40. CONDITION <i>Visually SAT, Not tested, boiler idle</i>		

41. ASME CODES	Does plant comply with code, welding, materials, configuration, etc? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Explain)
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INSPECTOR STATEMENT

42. WAS BOILER OR VESSEL PREPARED FOR THOROUGH EXAMINATION (If NO, state what was not and why in Remarks and Recommendations of Inspector.)

Yes  No

43. WAS BOILER OR VESSEL ENTERED FOR THE INSPECTION (If NO, state what was not and why in Remarks and Recommendations of Inspector.)

Yes  No

REMARKS AND RECOMMENDATIONS OF THE INSPECTOR

44. LIST ALL DEFICIENCIES TO BE CORRECTED OR REPAIRED (Use a continuation sheet if necessary.)

The lower left hand hole plug gasket must be replaced to prevent external corrosion

45. TYPE OR PRINT NAME OF INSPECTOR

Fred LAWRENCE

45A. SIGNATURE OF INSPECTOR

*Fred Lawrence*

45B. DATE OF SIGNATURE

12/30/03

45C. INSPECTOR'S NATIONAL BOARD NO.

NB 11658

46. PRINT NAME AND TITLE OF REPRESENTATIVE ACCOMPANYING INSPECTOR

46A. SIGNATURE

46B. DATE OF SIGNATURE

46C. REPRESENTATIVE'S TELEPHONE NUMBER

ACTION TAKEN ON RECOMMENDATIONS

47. DATE AND ACTION TAKEN OR TO BE TAKEN

48. TYPE OR PRINT NAME, TITLE AND GRADE OF OFFICER IN CHARGE

Jimmy N Strickland - Captain

49. SIGNATURE OF OFFICER IN CHARGE

*Jimmy N Strickland*

50. DATE OF SIGNATURE

12-30-03

# BOILER OR PRESSURE VESSEL INSPECTION REPORT

1. TYPE OF INSPECTION	
Internal and External	<input type="checkbox"/> BA <input type="checkbox"/> VA
Internal/External with Hydrostatic Test (same day)	<input type="checkbox"/> BB <input type="checkbox"/> VB
External Under Operation	<input checked="" type="checkbox"/> BC <input type="checkbox"/> VC
External Under Hydrostatic Test	<input type="checkbox"/> BD <input type="checkbox"/> VD
Expansion/Receiver Tank or Internal with UT	<input type="checkbox"/> BE <input type="checkbox"/> VE

HSBCT CONTRACT NUMBER

2. INSTALLATION <i>FL. BENNING</i>		2A. CITY	3. STATE <i>GA</i>	4. ZIP CODE <i>31905</i>	5. PLANT OR BLDG. <i>3240</i>
6. DATE OF INSPECTION <i>12/30/03</i>	7. DATE OF LAST INSPECTION <i>1<sup>ST</sup> INSPECTION</i>	8. DELIVERY ORDER NO.		9. CONTRACT NO.	
10. OBJECT <input checked="" type="checkbox"/> Fire Tube <input type="checkbox"/> Cast Iron <input type="checkbox"/> Water Tube <input type="checkbox"/> Expansion Tank <input type="checkbox"/> Pressure Vessel			11. PLANT <input type="checkbox"/> Manned <input checked="" type="checkbox"/> Unmanned		
11A. PRESSURE PREVIOUS INSPECTION <i>N/A</i>	11B. PRESSURE THIS INSPECTION <i>22</i>	12A. YEAR BUILT <i>2000</i>	12B. YEAR INSTALLED <i>2000</i>		
13A. PRIMARY FUEL (Boiler) <i>NAT. GAS</i>	13B. SECONDARY FUEL (Boiler) <i>N/A</i>	14. DESIGN WORKING PRESSURE OR TEMPERATURE <i>150</i>			
15. MANUFACTURER <i>HURST</i>	16. MANUFACTURER'S RATING MBTU /LBS. / HR <i>1,380</i>	17. NATIONAL BOARD NUMBER <i>NB7770</i>	18. USAF NUMBER <i>#1</i>		
19. USE <input type="checkbox"/> Power <input checked="" type="checkbox"/> Steam Heating <input type="checkbox"/> Process <input type="checkbox"/> Storage <input type="checkbox"/> HTHW Heating <input type="checkbox"/> Heat Exchange <input type="checkbox"/> Other (Specify)					
20. METHOD OF FIRING (Boilers) <i>AUTO BURNER</i>	21. SAFETY/RELIEF VALVES SETTING <i>60</i>	22. EXPLAIN IF PRESSURE CHANGED		23. PRESSURE GAGE TESTED <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
24. PURPOSE OF HYDROSTATIC TEST <input type="checkbox"/> New <input type="checkbox"/> Retest <input type="checkbox"/> Repair	25. LAST HYDROSTATIC TEST Date: PSI: <i>N/A</i>	26. HYDROSTATIC TEST <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Date: PSI:			

### STATEMENT OF BASE CIVIL ENGINEER

27. REPAIRS MADE SINCE LAST INSPECTION  
 None  Other (Specify)

### INTERNAL INSPECTION

28. DESCRIBE INSPECTION FULLY (State location of any damage or deposits, i.e., scale, grease, oil, etc.; any corrosion, pitting, grooving, cracking or lamination; any evidence of overheating, broken or loose items, etc.)  
*TYPE "C" INSPECTION*

### EXTERNAL INSPECTION

29. CONDITION OF BOILERS, VESSELS AND PLANT (Describe fully and state location of any corrosion, leakages, evidence of overheating, soot or other destructive accumulations, or safety or ASME/NB violations, etc.)  
*NO ADVERSE CONDITIONS*

30. SETTINGS, LININGS, SUPPORTS AND BAFFLES  
*Good*

### INSPECTION OF SAFETY DEVICE

31. SAFETY/RELIEF VALVES	32. SIZE Number: <i>1-1/4</i>	33. TOTAL CAPACITY CFM: BTU/HR: LB/HR: <i>1,919</i>	34. CONDITION AND HOW TESTED <i>TEST SAT, BY HAND</i>
35. PRESSURE GAGES	38. CORRECTION TAKEN (if none give reason) <i>SAT.</i>		
37. OTHER APPLIANCES	38. CONDITION <i>CLEAN &amp; CLEAR</i>		
39. REGULATORS AND CONTROLS	40. CONDITION <i>LWCO &amp; FLAME SENSOR TEST SAT.</i>		

41. ASME CODES  
Does plant comply with code, welding, materials, configuration, etc?  Yes  No (Explain)

INSPECTOR STATEMENT

42. WAS BOILER OR VESSEL PREPARED FOR THOROUGH EXAMINATION (If NO, state what was not and why in Remarks and Recommendations of Inspector.)

Yes  No

43. WAS BOILER OR VESSEL ENTERED FOR THE INSPECTION (If NO, state what was not and why in Remarks and Recommendations of Inspector.)

Yes  No

REMARKS AND RECOMMENDATIONS OF THE INSPECTOR

44. LIST ALL DEFICIENCIES TO BE CORRECTED OR REPAIRED (Use a continuation sheet if necessary.)

No RECOMMENDATIONS

45. TYPE OR PRINT NAME OF INSPECTOR

Fred LAWRENCE

45A. SIGNATURE OF INSPECTOR

*Fred Lawrence*

45B. DATE OF SIGNATURE

12/30/03

45C. INSPECTOR'S NATIONAL BOARD NO.

NB 11658

46. PRINT NAME AND TITLE OF REPRESENTATIVE ACCOMPANYING INSPECTOR

48A. SIGNATURE

48B. DATE OF SIGNATURE

48C. REPRESENTATIVE'S TELEPHONE NUMBER

ACTION TAKEN ON RECOMMENDATIONS

47. DATE AND ACTION TAKEN OR TO BE TAKEN

48. TYPE OR PRINT NAME, TITLE AND GRADE OF OFFICER IN CHARGE

Timothy N. Strickland Leadman

49. SIGNATURE OF OFFICER IN CHARGE

*Timothy N. Strickland*

50. DATE OF SIGNATURE

12/30/03

# BOILER OR PRESSURE VESSEL INSPECTION REPORT

<b>1. TYPE OF INSPECTION</b>				
Internal and External		<input type="checkbox"/> BA	<input type="checkbox"/> VA	
Internal/External with Hydrostatic Test (same day)		<input type="checkbox"/> BB	<input type="checkbox"/> VB	
External Under Operation		<input checked="" type="checkbox"/> BC	<input type="checkbox"/> VC	
External Under Hydrostatic Test		<input type="checkbox"/> BD	<input type="checkbox"/> VD	
Expansion/Receiver Tank or Internal with UT		<input type="checkbox"/> BE	<input type="checkbox"/> VE	
2. INSTALLATION <i>FT. BENNING</i>		2A. CITY	3. STATE <i>GA</i>	4. ZIP CODE <i>31905</i>
6. DATE OF INSPECTION <i>12/30/03</i>		7. DATE OF LAST INSPECTION <i>1ST INSPECTION</i>	8. DELIVERY ORDER NO.	9. CONTRACT NO. <i>3245</i>
10. OBJECT <input checked="" type="checkbox"/> Fire Tube <input type="checkbox"/> Cast Iron <input type="checkbox"/> Water Tube <input type="checkbox"/> Expansion Tank <input type="checkbox"/> Pressure Vessel		11. PLANT <input type="checkbox"/> Manned <input checked="" type="checkbox"/> Unmanned		
11A. PRESSURE PREVIOUS INSPECTION <i>N/A</i>	11B. PRESSURE THIS INSPECTION <i>22</i>	12A. YEAR BUILT <i>2000</i>	12B. YEAR INSTALLED <i>2000</i>	
13A. PRIMARY FUEL (Boiler) <i>NAT. GAS</i>	13B. SECONDARY FUEL (Boiler) <i>N/A</i>	14. DESIGN WORKING PRESSURE OR TEMPERATURE <i>150</i>		
15. MANUFACTURER <i>HURST</i>	16. MANUFACTURER'S RATING MBTU / LBS. / HR <i>1,380</i>	17. NATIONAL BOARD NUMBER <i>NB 7769</i>	18. USAF NUMBER <i>#1</i>	
19. USE <input type="checkbox"/> Power <input checked="" type="checkbox"/> Steam Heating <input type="checkbox"/> Process <input type="checkbox"/> Storage <input type="checkbox"/> HTHW Heating <input type="checkbox"/> Heat Exchange <input type="checkbox"/> Other (Specify)				
20. METHOD OF FIRING (Boilers) <i>AUTO BURNER</i>	21. SAFETY/RELIEF VALVES SETTING <i>60</i>	22. EXPLAIN IF PRESSURE CHANGED <i>-</i>		23. PRESSURE GAGE TESTED <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
24. PURPOSE OF HYDROSTATIC TEST <input type="checkbox"/> New <input type="checkbox"/> Retest <input type="checkbox"/> Repair	25. LAST HYDROSTATIC TEST Date: <i>N/A</i> PSI: <i>N/A</i>	26. HYDROSTATIC TEST <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Date: <i>-</i> PSI: <i>-</i>		

## STATEMENT OF BASE CIVIL ENGINEER

27. REPAIRS MADE SINCE LAST INSPECTION  
 None  Other (Specify)

## INTERNAL INSPECTION

28. DESCRIBE INSPECTION FULLY (State location of any damage or deposits, i.e., scale, grease, oil, etc.; any corrosion, pitting, grooving, cracking or lamination; any evidence of overheating, broken or loose items, etc.)  
*TYPE "C" INSPECTION*

## EXTERNAL INSPECTION

29. CONDITION OF BOILERS, VESSELS AND PLANT (Describe fully and state location of any corrosion, leakages, evidence of overheating, soot or other destructive accumulations, or safety or ASME/NB violations, etc.)  
*NO ADVERSE CONDITIONS NOTED*

30. SETTINGS, LININGS, SUPPORTS AND BAFFLES  
*Good*

## INSPECTION OF SAFETY DEVICE

31. SAFETY/RELIEF VALVES	32. SIZE Number: <i>1-1/4"</i>	33. TOTAL CAPACITY CFM: <i>BTU/HR: LB/HR: 1,919</i>	34. CONDITION AND HOW TESTED <i>TEST SAT, by HAND</i>
35. PRESSURE GAGES	36. CORRECTION TAKEN (if none give reason) <i>SAT</i>		
37. OTHER APPLIANCES	38. CONDITION <i>CLEAN &amp; CLEAR</i>		
39. REGULATORS AND CONTROLS	40. CONDITION <i>LINED AND FLAME SENSOR TEST SAT.</i>		
41. ASME CODES			

Does plant comply with code, welding, materials, configuration, etc?  Yes  No (Explain)

INSPECTOR STATEMENT

42. WAS BOILER OR VESSEL PREPARED FOR THOROUGH EXAMINATION (If NO, state what was not and why in Remarks and Recommendations of Inspector.)

Yes  No

43. WAS BOILER OR VESSEL ENTERED FOR THE INSPECTION (If NO, state what was not and why in Remarks and Recommendations of Inspector.)

Yes  No

REMARKS AND RECOMMENDATIONS OF THE INSPECTOR

44. LIST ALL DEFICIENCIES TO BE CORRECTED OR REPAIRED (Use a continuation sheet if necessary.)

No RECOMMENDATIONS

45. TYPE OR PRINT NAME OF INSPECTOR

Fred LAWRENCE

45A. SIGNATURE OF INSPECTOR

*Fred Lawrence*

45B. DATE OF SIGNATURE

12/30/03

45C. INSPECTOR'S NATIONAL BOARD NO.

NB 11658

46. PRINT NAME AND TITLE OF REPRESENTATIVE ACCOMPANYING INSPECTOR

46A. SIGNATURE

46B. DATE OF SIGNATURE

46C. REPRESENTATIVE'S TELEPHONE NUMBER

ACTION TAKEN ON RECOMMENDATIONS

47. DATE AND ACTION TAKEN OR TO BE TAKEN

48. TYPE OR PRINT NAME, TITLE AND GRADE OF OFFICER IN CHARGE

Jimmy N Strickland Leadman

49. SIGNATURE OF OFFICER IN CHARGE

*Jimmy N Strickland*

50. DATE OF SIGNATURE

12/30/03

# BOILER OR PRESSURE VESSEL INSPECTION REPORT

HSBCT CONTRACT NUMBER

1. TYPE OF INSPECTION	
Internal and External	<input checked="" type="checkbox"/> BA <input type="checkbox"/> VA
Internal/External with Hydrostatic Test (same day)	<input type="checkbox"/> BB <input type="checkbox"/> VB
External Under Operation	<input type="checkbox"/> BC <input type="checkbox"/> VC
External Under Hydrostatic Test	<input type="checkbox"/> BD <input type="checkbox"/> VD
Expansion/Receiver Tank or Internal with UT	<input type="checkbox"/> BE <input type="checkbox"/> VE

2. INSTALLATION <i>Ft. Benning</i>	2A. CITY	3. STATE <i>GA</i>	4. ZIP CODE <i>31905</i>	6. PLANT OR BLDG. <i>3305</i>
6. DATE OF INSPECTION <i>12/30/03</i>	7. DATE OF LAST INSPECTION <i>1st inspection</i>	8. DELIVERY ORDER NO.	9. CONTRACT NO.	

10. OBJECT <input checked="" type="checkbox"/> Fire Tube <input type="checkbox"/> Cast Iron <input type="checkbox"/> Water Tube <input type="checkbox"/> Expansion Tank <input type="checkbox"/> Pressure Vessel	11. PLANT <input type="checkbox"/> Manned <input checked="" type="checkbox"/> Unmanned
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11A. PRESSURE PREVIOUS INSPECTION <i>N/A</i>	11B. PRESSURE THIS INSPECTION <i>0</i>	12A. YEAR BUILT <i>2000</i>	12B. YEAR INSTALLED <i>2000</i>
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13A. PRIMARY FUEL (Boiler) <i>NAT. GAS</i>	13B. SECONDARY FUEL (Boiler) <i>N/A</i>	14. DESIGN WORKING PRESSURE OR TEMPERATURE <i>150</i>
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15. MANUFACTURER <i>HURST</i>	16. MANUFACTURER'S RATING MBTU/LBS./HR. <i>1,380</i>	17. NATIONAL BOARD NUMBER <i>NB7768</i>	18. USAF NUMBER <i>#1</i>
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19. USE <input type="checkbox"/> Power <input checked="" type="checkbox"/> Steam Heating <input type="checkbox"/> Process <input type="checkbox"/> Storage <input type="checkbox"/> HTHW Heating <input type="checkbox"/> Heat Exchange <input type="checkbox"/> Other (Specify)
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20. METHOD OF FIRING (Boilers) <i>Auto Burner</i>	21. SAFETY/RELIEF VALVES SETTING <i>60</i>	22. EXPLAIN IF PRESSURE CHANGED	23. PRESSURE GAGE TESTED <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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24. PURPOSE OF HYDROSTATIC TEST <input type="checkbox"/> New <input type="checkbox"/> Retest <input type="checkbox"/> Repair	25. LAST HYDROSTATIC TEST Date: PSI: <i>N/A</i>	26. HYDROSTATIC TEST <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Date: PSI:
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### STATEMENT OF BASE CIVIL ENGINEER

27. REPAIRS MADE SINCE LAST INSPECTION <input checked="" type="checkbox"/> None <input type="checkbox"/> Other (Specify)
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### INTERNAL INSPECTION

28. DESCRIBE INSPECTION FULLY (State location of any damage or deposits, i.e., scale, grease, oil, etc.; any corrosion, pitting, grooving, cracking or lamination; any evidence of overheating, broken or loose items, etc.)  
*No Adverse Conditions*

### EXTERNAL INSPECTION

29. CONDITION OF BOILERS, VESSELS AND PLANT (Describe fully and state location of any corrosion, leakages, evidence of overheating, soot or other destructive accumulations, or safety or ASME/NB violations, etc.)  
*No Adverse Conditions*

### 30. SETTINGS, LININGS, SUPPORTS AND BAFFLES

*Good*

### INSPECTION OF SAFETY DEVICE

31. SAFETY/RELIEF VALVES	32. SIZE Number: <i>1-1/4</i>	33. TOTAL CAPACITY CFM: BTU/HR: LB/HR: <i>1919</i>	34. CONDITION AND HOW TESTED <i>Usually SAT</i>
35. PRESSURE GAGES	36. CORRECTION TAKEN (if none give reason) <i>SAT</i>		
37. OTHER APPLIANCES	38. CONDITION <i>Clean &amp; Clear</i>		
39. REGULATORS AND CONTROLS	40. CONDITION <i>Usually SAT, not tested, boiler idle</i>		

41. ASME CODES	Does plant comply with code, welding, materials, configuration, etc? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Explain)
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INSPECTOR STATEMENT

42. WAS BOILER OR VESSEL PREPARED FOR THOROUGH EXAMINATION (If NO, state what was not and why in Remarks and Recommendations of Inspector.)

Yes  No

43. WAS BOILER OR VESSEL ENTERED FOR THE INSPECTION (If NO, state what was not and why in Remarks and Recommendations of Inspector.)

Yes  No

REMARKS AND RECOMMENDATIONS OF THE INSPECTOR

44. LIST ALL DEFICIENCIES TO BE CORRECTED OR REPAIRED (Use a continuation sheet if necessary.)

*No RECOMMENDATIONS*

45. TYPE OR PRINT NAME OF INSPECTOR

*Fred LAWRENCE*

45A. SIGNATURE OF INSPECTOR

*Fred Lawrence*

45B. DATE OF SIGNATURE

*12/30/03*

45C. INSPECTOR'S NATIONAL BOARD NO.

*NB 11658*

46. PRINT NAME AND TITLE OF REPRESENTATIVE ACCOMPANYING INSPECTOR

46A. SIGNATURE

46B. DATE OF SIGNATURE

46C. REPRESENTATIVE'S TELEPHONE NUMBER

ACTION TAKEN ON RECOMMENDATIONS

47. DATE AND ACTION TAKEN OR TO BE TAKEN

48. TYPE OR PRINT NAME, TITLE AND GRADE OF OFFICER IN CHARGE

*Simon W Strickland Leadman*

49. SIGNATURE OF OFFICER IN CHARGE

*Simon W Strickland*

50. DATE OF SIGNATURE

*12/30/03*

# BOILER OR PRESSURE VESSEL INSPECTION REPORT

1. TYPE OF INSPECTION	
Internal and External	<input checked="" type="checkbox"/> BA <input type="checkbox"/> VA
Internal/External with Hydrostatic Test (same day)	<input type="checkbox"/> BB <input type="checkbox"/> VB
External Under Operation	<input type="checkbox"/> BC <input type="checkbox"/> VC
External Under Hydrostatic Test	<input type="checkbox"/> BD <input type="checkbox"/> VD
Expansion/Receiver Tank or Internal with UT	<input type="checkbox"/> BE <input type="checkbox"/> VE

HSBCT CONTRACT NUMBER

2. INSTALLATION <b>Ft. BENNING</b>	2A. CITY	3. STATE <b>GA</b>	4. ZIP CODE <b>31905</b>	5. PLANT OR BLDG. <b>3335</b>
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6. DATE OF INSPECTION <b>12/30/03</b>	7. DATE OF LAST INSPECTION <b>1<sup>ST</sup> INSPECTION</b>	8. DELIVERY ORDER NO.	9. CONTRACT NO.
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10. OBJECT <input checked="" type="checkbox"/> Fire Tube <input type="checkbox"/> Cast Iron <input type="checkbox"/> Water Tube <input type="checkbox"/> Expansion Tank <input type="checkbox"/> Pressure Vessel	11. PLANT <input type="checkbox"/> Manned <input checked="" type="checkbox"/> Unmanned
---	---

11A. PRESSURE PREVIOUS INSPECTION <b>N/A</b>	11B. PRESSURE THIS INSPECTION <b>0</b>	12A. YEAR BUILT <b>2000</b>	12B. YEAR INSTALLED <b>2000</b>
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13A. PRIMARY FUEL (Boiler) <b>NAT. GAS</b>	13B. SECONDARY FUEL (Boiler) <b>0</b>	14. DESIGN WORKING PRESSURE OR TEMPERATURE <b>150</b>
---	--	--

15. MANUFACTURER <b>HURST</b>	16. MANUFACTURER'S RATING MBTU/LBS. / HR <b>1,380</b>	17. NATIONAL BOARD NUMBER <b>NB 7765</b>	18. USAF NUMBER <b>#1</b>
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19. USE <input type="checkbox"/> Power <input checked="" type="checkbox"/> Steam Heating <input type="checkbox"/> Process <input type="checkbox"/> Storage <input type="checkbox"/> HTHW Heating <input type="checkbox"/> Heat Exchange <input type="checkbox"/> Other (Specify)
---

20. METHOD OF FIRING (Boilers) <b>AUTO BURNER</b>	21. SAFETY/RELIEF VALVES SETTING <b>60</b>	22. EXPLAIN IF PRESSURE CHANGED <b>-</b>	23. PRESSURE GAGE TESTED <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
--	---	---	---

24. PURPOSE OF HYDROSTATIC TEST <input type="checkbox"/> New <input type="checkbox"/> Retest <input type="checkbox"/> Repair	25. LAST HYDROSTATIC TEST Date: PSI: <b>N/A</b>	26. HYDROSTATIC TEST <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Date: PSI:
---	--	--

### STATEMENT OF BASE CIVIL ENGINEER

27. REPAIRS MADE SINCE LAST INSPECTION <input checked="" type="checkbox"/> None <input type="checkbox"/> Other (Specify)
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### INTERNAL INSPECTION

28. DESCRIBE INSPECTION FULLY (State location of any damage or deposits, i.e., scale, grease, oil, etc.; any corrosion, pitting, grooving, cracking or lamination; any evidence of overheating, broken or loose items, etc.)  
**No Adverse Conditions**

### EXTERNAL INSPECTION

29. CONDITION OF BOILERS, VESSELS AND PLANT (Describe fully and state location of any corrosion, leakages, evidence of overheating, soot or other destructive accumulations, or safety or ASME/NB violations, etc.)  
**No Adverse Conditions**

30. SETTINGS, LININGS, SUPPORTS AND BAFFLES  
**Good**

### INSPECTION OF SAFETY DEVICE

31. SAFETY/RELIEF VALVES	32. SIZE Number: <b>1-1/4</b>	33. TOTAL CAPACITY CFM: BTU/HR: LB/HR: <b>1,919</b>	34. CONDITION AND HOW TESTED <b>USUALLY SAT.</b>
35. PRESSURE GAGES	36. CORRECTION TAKEN (If none give reason) <b>SAT</b>		
37. OTHER APPLIANCES	38. CONDITION <b>CLEAN &amp; CLEAR</b>		
39. REGULATORS AND CONTROLS	40. CONDITION <b>USUALLY SAT, NOT TESTED, boiler idle</b>		

41. ASME CODES  
Does plant comply with code, welding, materials, configuration, etc?  Yes  No (Explain)

INSPECTOR STATEMENT

42. WAS BOILER OR VESSEL PREPARED FOR THOROUGH EXAMINATION (If NO, state what was not and why in Remarks and Recommendations of Inspector.)

Yes  No

43. WAS BOILER OR VESSEL ENTERED FOR THE INSPECTION (If NO, state what was not and why in Remarks and Recommendations of Inspector.)

Yes  No

REMARKS AND RECOMMENDATIONS OF THE INSPECTOR

44. LIST ALL DEFICIENCIES TO BE CORRECTED OR REPAIRED (Use a continuation sheet if necessary.)

*No RECOMMENDATIONS*

45. TYPE OR PRINT NAME OF INSPECTOR

*Fred Lawrence*

45A. SIGNATURE OF INSPECTOR

*Fred Lawrence*

45B. DATE OF SIGNATURE

*12/30/03*

45C. INSPECTOR'S NATIONAL BOARD NO.

*NB 11658*

46. PRINT NAME AND TITLE OF REPRESENTATIVE ACCOMPANYING INSPECTOR

46A. SIGNATURE

46B. DATE OF SIGNATURE

46C. REPRESENTATIVE'S TELEPHONE NUMBER

ACTION TAKEN ON RECOMMENDATIONS

47. DATE AND ACTION TAKEN OR TO BE TAKEN

48. TYPE OR PRINT NAME, TITLE AND GRADE OF OFFICER IN CHARGE

*Simon A Strickland Leadman*

49. SIGNATURE OF OFFICER IN CHARGE

*Simon A Strickland*

50. DATE OF SIGNATURE

*12/30/03*

# BOILER OR PRESSURE VESSEL INSPECTION REPORT

1. TYPE OF INSPECTION	
Internal and External	<input checked="" type="checkbox"/> BA <input type="checkbox"/> VA
Internal/External with Hydrostatic Test (same day)	<input type="checkbox"/> BB <input type="checkbox"/> VB
External Under Operation	<input type="checkbox"/> BC <input type="checkbox"/> VC
External Under Hydrostatic Test	<input type="checkbox"/> BD <input type="checkbox"/> VD
Expansion/Receiver Tank or Internal with UT	<input type="checkbox"/> BE <input type="checkbox"/> VE

HSBCT CONTRACT NUMBER \_\_\_\_\_

2. INSTALLATION *FT. BENNING* 2A. CITY \_\_\_\_\_ 3. STATE *GA* 4. ZIP CODE *31905* 5. PLANT OR BLDG. *3405*

6. DATE OF INSPECTION *12/30/03* 7. DATE OF LAST INSPECTION *N/A* 8. DELIVERY ORDER NO. \_\_\_\_\_ 9. CONTRACT NO. \_\_\_\_\_

10. OBJECT  Fire Tube  Cast Iron  Water Tube  Expansion Tank  Pressure Vessel 11. PLANT  Manned  Unmanned

11A. PRESSURE PREVIOUS INSPECTION *0* 11B. PRESSURE THIS INSPECTION *0* 12A. YEAR BUILT *2000* 12B. YEAR INSTALLED *2000*

13A. PRIMARY FUEL (Boiler) *NAT. GAS* 13B. SECONDARY FUEL (Boiler) *N/A* 14. DESIGN WORKING PRESSURE OR TEMPERATURE *150*

15. MANUFACTURER *HURST* 16. MANUFACTURER'S RATING MBTU/LBS./HR *1,380* 17. NATIONAL BOARD NUMBER *NB7767* 18. USAF NUMBER *#1*

19. USE  Power  Steam Heating  Process  Storage  HTHW Heating  Heat Exchange  Other (Specify) \_\_\_\_\_

20. METHOD OF FIRING (Boilers) *AUTO BURNER* 21. SAFETY/RELIEF VALVES SETTING *60* 22. EXPLAIN IF PRESSURE CHANGED \_\_\_\_\_ 23. PRESSURE GAGE TESTED  Yes  No

24. PURPOSE OF HYDROSTATIC TEST  New  Retest  Repair 25. LAST HYDROSTATIC TEST Date: \_\_\_\_\_ PSI: *N/A* 26. HYDROSTATIC TEST  Yes  No Date: \_\_\_\_\_ PSI: \_\_\_\_\_

### STATEMENT OF BASE CIVIL ENGINEER

27. REPAIRS MADE SINCE LAST INSPECTION  None  Other (Specify) \_\_\_\_\_

### INTERNAL INSPECTION

28. DESCRIBE INSPECTION FULLY (State location of any damage or deposits, i.e., scale, grease, oil, etc.; any corrosion, pitting, grooving, cracking or lamination; any evidence of overheating, broken or loose items, etc.) *HEAVY SCALE ACCUMULATION ON ALL WATERSIDE SURFACES.*

### EXTERNAL INSPECTION

29. CONDITION OF BOILERS, VESSELS AND PLANT (Describe fully and state location of any corrosion, leakages, evidence of overheating, soot or other destructive accumulations, or safety or ASME/NB violations, etc.) *No Adverse Conditions*

### 30. SETTINGS, LININGS, SUPPORTS AND BAFFLES

*Good*

### INSPECTION OF SAFETY DEVICE

31. SAFETY/RELIEF VALVES	32. SIZE Number: <i>1-1/4"</i>	33. TOTAL CAPACITY CFM: _____ BTU/HR: _____ LB/HR: <i>1,919</i>	34. CONDITION AND HOW TESTED <i>Visually SAT</i>
35. PRESSURE GAGES	36. CORRECTION TAKEN (if none give reason) <i>SAT</i>		
37. OTHER APPLIANCES	38. CONDITION <i>Clean &amp; Clear</i>		
39. REGULATORS AND CONTROLS	40. CONDITION <i>Visually SAT. Not tested, boiler idle</i>		

41. ASME CODES \_\_\_\_\_ Does plant comply with code, welding, materials, configuration, etc?  Yes  No (Explain) \_\_\_\_\_

INSPECTOR STATEMENT

42. WAS BOILER OR VESSEL PREPARED FOR THOROUGH EXAMINATION (If NO, state what was not and why in Remarks and Recommendations of Inspector.)

Yes  No

43. WAS BOILER OR VESSEL ENTERED FOR THE INSPECTION (If NO, state what was not and why in Remarks and Recommendations of Inspector.)

Yes  No

REMARKS AND RECOMMENDATIONS OF THE INSPECTOR

44. LIST ALL DEFICIENCIES TO BE CORRECTED OR REPAIRED (Use a continuation sheet if necessary.)

*PROPER CHEMICAL TREATMENT AND BLOWDOWNS MUST BE ADMINISTERED TO CONTROL SCALE AND OXYGEN.*

45. TYPE OR PRINT NAME OF INSPECTOR

*Fred Lawrence*

45A. SIGNATURE OF INSPECTOR

*Fred Lawrence*

45B. DATE OF SIGNATURE

*12/30/03*

45C. INSPECTOR'S NATIONAL BOARD NO.

*NB11658*

46. PRINT NAME AND TITLE OF REPRESENTATIVE ACCOMPANYING INSPECTOR

46A. SIGNATURE

46B. DATE OF SIGNATURE

46C. REPRESENTATIVE'S TELEPHONE NUMBER

ACTION TAKEN ON RECOMMENDATIONS

47. DATE AND ACTION TAKEN OR TO BE TAKEN

48. TYPE OR PRINT NAME, TITLE AND GRADE OF OFFICER IN CHARGE

*Jimmy R. Strickland, Leadman*

49. SIGNATURE OF OFFICER IN CHARGE

*Jimmy R. Strickland*

50. DATE OF SIGNATURE

*12-30-03*

# BOILER OR PRESSURE VESSEL INSPECTION REPORT

1. TYPE OF INSPECTION	
Internal and External	<input checked="" type="checkbox"/> BA <input type="checkbox"/> VA
Internal/External with Hydrostatic Test (same day)	<input type="checkbox"/> BB <input type="checkbox"/> VB
External Under Operation	<input type="checkbox"/> BC <input type="checkbox"/> VC
External Under Hydrostatic Test	<input type="checkbox"/> BD <input type="checkbox"/> VD
Expansion/Receiver Tank or Internal with UT	<input type="checkbox"/> BE <input type="checkbox"/> VE

HSBCT CONTRACT NUMBER

2. INSTALLATION <i>FF. BENNING</i>	2A. CITY	3. STATE <i>GA</i>	4. ZIP CODE <i>31905</i>	5. PLANT OR BLDG. <i>3425</i>
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6. DATE OF INSPECTION <i>12/30/03</i>	7. DATE OF LAST INSPECTION <i>1ST INSPECTION</i>	8. DELIVERY ORDER NO.	9. CONTRACT NO.
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10. OBJECT <input checked="" type="checkbox"/> Fire Tube <input type="checkbox"/> Cast Iron <input type="checkbox"/> Water Tube <input type="checkbox"/> Expansion Tank <input type="checkbox"/> Pressure Vessel	11. PLANT <input type="checkbox"/> Manned <input checked="" type="checkbox"/> Unmanned
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11A. PRESSURE PREVIOUS INSPECTION <i>N/A</i>	11B. PRESSURE THIS INSPECTION <i>0</i>	12A. YEAR BUILT <i>2000</i>	12B. YEAR INSTALLED <i>2000</i>
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13A. PRIMARY FUEL (Boiler) <i>NAT. GAS</i>	13B. SECONDARY FUEL (Boiler) <i>N/A</i>	14. DESIGN WORKING PRESSURE OR TEMPERATURE <i>150</i>
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15. MANUFACTURER <i>AURUST</i>	16. MANUFACTURER'S RATING MBTU / LBS. / HR <i>1,380</i>	17. NATIONAL BOARD NUMBER <i>NB7771</i>	18. USAF NUMBER <i>#1</i>
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19. USE <input type="checkbox"/> Power <input checked="" type="checkbox"/> Steam Heating <input type="checkbox"/> Process <input type="checkbox"/> Storage <input type="checkbox"/> HTHW Heating <input type="checkbox"/> Heat Exchange <input type="checkbox"/> Other (Specify)
---

20. METHOD OF FIRING (Boilers) <i>Auto Burner</i>	21. SAFETY/RELIEF VALVES SETTING <i>60</i>	22. EXPLAIN IF PRESSURE CHANGED	23. PRESSURE GAGE TESTED <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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24. PURPOSE OF HYDROSTATIC TEST <input type="checkbox"/> New <input type="checkbox"/> Retest <input type="checkbox"/> Repair	25. LAST HYDROSTATIC TEST Date: PSI: <i>N/A</i>	26. HYDROSTATIC TEST <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Date: PSI:
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### STATEMENT OF BASE CIVIL ENGINEER

27. REPAIRS MADE SINCE LAST INSPECTION <input checked="" type="checkbox"/> None <input type="checkbox"/> Other (Specify)
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### INTERNAL INSPECTION

28. DESCRIBE INSPECTION FULLY (State location of any damage or deposits, i.e., scale, grease, oil, etc.; any corrosion, pitting, grooving, cracking or lamination; any evidence of overheating, broken or loose items, etc.)

*LWCO drain piping obstructed*

### EXTERNAL INSPECTION

29. CONDITION OF BOILERS, VESSELS AND PLANT (Describe fully and state location of any corrosion, leakages, evidence of overheating, soot or other destructive accumulations, or safety or ASME/NB violations, etc.)

*No Adverse Conditions*

### 30. SETTINGS, LININGS, SUPPORTS AND BAFFLES

*Good*

### INSPECTION OF SAFETY DEVICE

31. SAFETY/RELIEF VALVES	32. SIZE Number: <i>1-1/4</i>	33. TOTAL CAPACITY CFM: BTU/HR: LB/HR: <i>1,919</i>	34. CONDITION AND HOW TESTED <i>Usually SAT</i>
35. PRESSURE GAGES	36. CORRECTION TAKEN (if none give reason) <i>SAT</i>		
37. OTHER APPLIANCES	38. CONDITION <i>Clean &amp; Clear</i>		
39. REGULATORS AND CONTROLS	40. CONDITION <i>Usually SAT, not tested, boiler idle</i>		

41. ASME CODES

Does plant comply with code, welding, materials, configuration, etc?  Yes  No (Explain)

INSPECTOR STATEMENT

42. WAS BOILER OR VESSEL PREPARED FOR THOROUGH EXAMINATION (If NO, state what was not and why in Remarks and Recommendations of Inspector.)

Yes  No

43. WAS BOILER OR VESSEL ENTERED FOR THE INSPECTION (If NO, state what was not and why in Remarks and Recommendations of Inspector.)

Yes  No

REMARKS AND RECOMMENDATIONS OF THE INSPECTOR

44. LIST ALL DEFICIENCIES TO BE CORRECTED OR REPAIRED (Use a continuation sheet if necessary.)

*LWCO DRAIN piping must be rodded out to clear obstruction. The LWCO must be blown down routinely to insure proper operation.*

45. TYPE OR PRINT NAME OF INSPECTOR

*Fred Lawrence*

45A. SIGNATURE OF INSPECTOR

*Fred Lawrence*

45B. DATE OF SIGNATURE

*12/30/03*

45C. INSPECTOR'S NATIONAL BOARD NO.

*NB 11658*

46. PRINT NAME AND TITLE OF REPRESENTATIVE ACCOMPANYING INSPECTOR

46A. SIGNATURE

46B. DATE OF SIGNATURE

46C. REPRESENTATIVE'S TELEPHONE NUMBER

ACTION TAKEN ON RECOMMENDATIONS

47. DATE AND ACTION TAKEN OR TO BE TAKEN

48. TYPE OR PRINT NAME, TITLE AND GRADE OF OFFICER IN CHARGE

*Jimmy W Strickland Leadman*

49. SIGNATURE OF OFFICER IN CHARGE

*Jimmy Strickland*

50. DATE OF SIGNATURE

*12-30-03*

# BOILER OR PRESSURE VESSEL INSPECTION REPORT

1. TYPE OF INSPECTION	
Internal and External	<input checked="" type="checkbox"/> BA <input type="checkbox"/> VA
Internal/External with Hydrostatic Test (same day)	<input type="checkbox"/> BB <input type="checkbox"/> VB
External Under Operation	<input type="checkbox"/> BC <input type="checkbox"/> VC
External Under Hydrostatic Test	<input type="checkbox"/> BD <input type="checkbox"/> VD
Expansion/Receiver Tank or Internal with UT	<input type="checkbox"/> BE <input type="checkbox"/> VE

  

HSBCT CONTRACT NUMBER		2A. CITY	3. STATE	4. ZIP CODE	5. PLANT OR BLDG.
			GA	31905	9202

  

2. INSTALLATION	6. DATE OF INSPECTION	7. DATE OF LAST INSPECTION	8. DELIVERY ORDER NO.	9. CONTRACT NO.
<i>Ft. BENNING</i>	<i>12/29/03</i>	<i>2/26/03</i>		

  

10. OBJECT		11. PLANT	
<input checked="" type="checkbox"/> Fire Tube <input type="checkbox"/> Cast Iron <input type="checkbox"/> Water Tube <input type="checkbox"/> Expansion Tank <input type="checkbox"/> Pressure Vessel		<input checked="" type="checkbox"/> Manned <input type="checkbox"/> Unmanned	

  

11A. PRESSURE PREVIOUS INSPECTION	11B. PRESSURE THIS INSPECTION	12A. YEAR BUILT	12B. YEAR INSTALLED
<i>0</i>	<i>0</i>	<i>1986</i>	<i>1986</i>

  

13A. PRIMARY FUEL (Boiler)	13B. SECONDARY FUEL (Boiler)	14. DESIGN WORKING PRESSURE OR TEMPERATURE
<i>NAT. GAS</i>	<i>oil</i>	<i>150 psi</i>

  

15. MANUFACTURER	18. MANUFACTURER'S RATING MBTU/LBS. / HR	17. NATIONAL BOARD NUMBER	18. USAF NUMBER
<i>BURNHAM</i>	<i>13,800 16/hr.</i>	<i>NB 19383</i>	<i>#1</i>

  

19. USE			
<input type="checkbox"/> Power	<input type="checkbox"/> Steam Heating	<input checked="" type="checkbox"/> Process	<input type="checkbox"/> Storage <input type="checkbox"/> HTHW Heating <input type="checkbox"/> Heat Exchange <input type="checkbox"/> Other (Specify)

  

20. METHOD OF FIRING (Boilers)	21. SAFETY/RELIEF VALVES SETTING	22. EXPLAIN IF PRESSURE CHANGED	23. PRESSURE GAGE TESTED
<i>AUTO BURNER</i>	<i>150 psi</i>	<i>N/A</i>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

  

24. PURPOSE OF HYDROSTATIC TEST	25. LAST HYDROSTATIC TEST	28. HYDROSTATIC TEST
<input type="checkbox"/> New <input type="checkbox"/> Retest <input type="checkbox"/> Repair	Date: <i>UNK</i> PSI: <i>UNK</i>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Date: <i></i> PSI: <i></i>

**STATEMENT OF BASE CIVIL ENGINEER**

27. REPAIRS MADE SINCE LAST INSPECTION

None  Other (Specify)

**INTERNAL INSPECTION**

28. DESCRIBE INSPECTION FULLY (State location of any damage or deposits, i.e., scale, grease, oil, etc.; any corrosion, pitting, grooving, cracking or lamination; any evidence of overheating, broken or loose items, etc.)

*HEAVY SCALE ACCUMULATION bridged between the boiler shell and the furnace tube. SEVERAL tubes leaking at the rear tubesheet.*

**EXTERNAL INSPECTION**

29. CONDITION OF BOILERS, VESSELS AND PLANT (Describe fully and state location of any corrosion, leakages, evidence of overheating, soot or other destructive accumulations, or safety or ASME/NB violations, etc.)

*No Adverse conditions noted*

30. SETTINGS, LININGS, SUPPORTS AND BAFFLES

*Good*

**INSPECTION OF SAFETY DEVICE**

31. SAFETY/RELIEF VALVES	32. SIZE	33. TOTAL CAPACITY	34. CONDITION AND HOW TESTED
	Number: <i>2-2"</i>	CFM: <i></i> BTU/HR: <i></i> LB/HR: <i>19,762</i>	<i>USUALLY SAT, NOT TESTED</i>
35. PRESSURE GAGES	36. CORRECTION TAKEN (if none give reason)		
	<i>SAT.</i>		
37. OTHER APPLIANCES	38. CONDITION		
	<i>Clean &amp; Clear</i>		
39. REGULATORS AND CONTROLS	40. CONDITION		
	<i>USUALLY SAT, NOT TESTED, boiler idle.</i>		

41. ASME CODES

Does plant comply with code, welding, materials, configuration, etc?  Yes  No (Explain)

**INSPECTOR STATEMENT**

42. WAS BOILER OR VESSEL PREPARED FOR THOROUGH EXAMINATION (If NO, state what was not and why in Remarks and Recommendations of Inspector.)

Yes  No

43. WAS BOILER OR VESSEL ENTERED FOR THE INSPECTION (If NO, state what was not and why in Remarks and Recommendations of Inspector.)

Yes  No

**REMARKS AND RECOMMENDATIONS OF THE INSPECTOR**

44. LIST ALL DEFICIENCIES TO BE CORRECTED OR REPAIRED (Use a continuation sheet if necessary.)

HEAVY SCALE ACCUMULATION MUST BE REMOVED TO PREVENT OVERHEATING OF THE FURNACE TUBE.

THE BOILER SHOULD BE HYDROSTATICALLY TESTED FOR TIGHTNESS. ALL LEAKING TUBES SHOULD BE RE-ROLLED OR SEAM WELDED AS OUTLINED IN THE NBIC.

45. TYPE OR PRINT NAME OF INSPECTOR

*Fred Lawrence*

45A. SIGNATURE OF INSPECTOR

*Fred Lawrence*

45B. DATE OF SIGNATURE

*12/29/03*

45C. INSPECTOR'S NATIONAL BOARD NO.

*NB 11658*

46. PRINT NAME AND TITLE OF REPRESENTATIVE ACCOMPANYING INSPECTOR

46A. SIGNATURE

46B. DATE OF SIGNATURE

46C. REPRESENTATIVE'S TELEPHONE NUMBER

**ACTION TAKEN ON RECOMMENDATIONS**

47. DATE AND ACTION TAKEN OR TO BE TAKEN

48. TYPE OR PRINT NAME, TITLE AND GRADE OF OFFICER IN CHARGE

*Jesse Riley Boiler Plant Foreman*

49. SIGNATURE OF OFFICER IN CHARGE

*Jesse Riley*

50. DATE OF SIGNATURE

*12-30-03*

# BOILER OR PRESSURE VESSEL INSPECTION REPORT

1. TYPE OF INSPECTION	
Internal and External	<input type="checkbox"/> BA <input type="checkbox"/> VA
Internal/External with Hydrostatic Test (same day)	<input type="checkbox"/> BB <input type="checkbox"/> VB
External Under Operation	<input checked="" type="checkbox"/> BC <input type="checkbox"/> VC
External Under Hydrostatic Test	<input type="checkbox"/> BD <input type="checkbox"/> VD
Expansion/Receiver Tank or Internal with UT	<input type="checkbox"/> BE <input type="checkbox"/> VE

HSBCT CONTRACT NUMBER

2. INSTALLATION <i>FT. BENNING</i>	2A. CITY	3. STATE <i>GA</i>	4. ZIP CODE <i>31905</i>	5. PLANT OR BLDG. <i>9202</i>
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6. DATE OF INSPECTION <i>12/29/03</i>	7. DATE OF LAST INSPECTION <i>2/26/03</i>	8. DELIVERY ORDER NO.	9. CONTRACT NO.
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10. OBJECT <input checked="" type="checkbox"/> Fire Tube <input type="checkbox"/> Cast Iron <input type="checkbox"/> Water Tube <input type="checkbox"/> Expansion Tank <input type="checkbox"/> Pressure Vessel	11. PLANT <input checked="" type="checkbox"/> Manned <input type="checkbox"/> Unmanned
---	---

11A. PRESSURE PREVIOUS INSPECTION <i>0</i>	11B. PRESSURE THIS INSPECTION <i>120</i>	12A. YEAR BUILT <i>1986</i>	12B. YEAR INSTALLED <i>1986</i>
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13A. PRIMARY FUEL (Boiler) <i>NAT. GAS</i>	13B. SECONDARY FUEL (Boiler) <i>oil</i>	14. DESIGN WORKING PRESSURE OR TEMPERATURE <i>150 PSI</i>
---	--	--

15. MANUFACTURER <i>Burnham</i>	16. MANUFACTURER'S RATING MBTU / LBS. / HR <i>13,800 lb/hr</i>	17. NATIONAL BOARD NUMBER <i>NB 19384</i>	18. USAF NUMBER <i>#2</i>
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19. USE <input type="checkbox"/> Power <input type="checkbox"/> Steam Heating <input checked="" type="checkbox"/> Process <input type="checkbox"/> Storage <input type="checkbox"/> HTHW Heating <input type="checkbox"/> Heat Exchange <input type="checkbox"/> Other (Specify)
---

20. METHOD OF FIRING (Boilers) <i>Auto Burner</i>	21. SAFETY/RELIEF VALVES SETTING <i>150</i>	22. EXPLAIN IF PRESSURE CHANGED <i>N/A</i>	23. PRESSURE GAGE TESTED <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
--	--	---	---

24. PURPOSE OF HYDROSTATIC TEST <input type="checkbox"/> New <input type="checkbox"/> Retest <input type="checkbox"/> Repair	25. LAST HYDROSTATIC TEST Date: PSI: <i>UNK</i>	26. HYDROSTATIC TEST <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Date: PSI:
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### STATEMENT OF BASE CIVIL ENGINEER

27. REPAIRS MADE SINCE LAST INSPECTION <input checked="" type="checkbox"/> None <input type="checkbox"/> Other (Specify)
---

### INTERNAL INSPECTION

28. DESCRIBE INSPECTION FULLY (State location of any damage or deposits, i.e., scale, grease, oil, etc.; any corrosion, pitting, grooving, cracking or lamination; any evidence of overheating, broken or loose items, etc.) <i>TYPE "C" INSPECTION</i>
--

### EXTERNAL INSPECTION

29. CONDITION OF BOILERS, VESSELS AND PLANT (Describe fully and state location of any corrosion, leakages, evidence of overheating, soot or other destructive accumulations, or safety or ASME/NB violations, etc.) <i>No Adverse conditions noted</i>
---

30. SETTINGS, LININGS, SUPPORTS AND BAFFLES <i>Good</i>
--

### INSPECTION OF SAFETY DEVICE

31. SAFETY/RELIEF VALVES	32. SIZE Number: <i>2-2"</i>	33. TOTAL CAPACITY CFM: BTU/HR: LB/HR: <i>20,689</i>	34. CONDITION AND HOW TESTED <i>SAT, by HAND</i>
35. PRESSURE GAGES	36. CORRECTION TAKEN (if none give reason) <i>SAT</i>		
37. OTHER APPLIANCES	38. CONDITION <i>CLEAN &amp; CLEAR</i>		
39. REGULATORS AND CONTROLS	40. CONDITION <i>LWCO failed to put the boiler into lockout</i>		

41. ASME CODES	Does plant comply with code, welding, materials, configuration, etc? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Explain)
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INSPECTOR STATEMENT

42. WAS BOILER OR VESSEL PREPARED FOR THOROUGH EXAMINATION (If NO, state what was not and why in Remarks and Recommendations of Inspector.)

Yes  No

43. WAS BOILER OR VESSEL ENTERED FOR THE INSPECTION (If NO, state what was not and why in Remarks and Recommendations of Inspector.)

Yes  No

REMARKS AND RECOMMENDATIONS OF THE INSPECTOR

44. LIST ALL DEFICIENCIES TO BE CORRECTED OR REPAIRED (Use a continuation sheet if necessary.)

ASME CSD-1 REQUIRES 2 LOW WATER FUEL CUTOFF DEVICES. ONE MUST BE EQUIPPED WITH A MANUAL RESET WHICH PUTS THE BOILER INTO LOCKOUT FOLLOWING A LOW WATER CONDITION.

45. TYPE OR PRINT NAME OF INSPECTOR

Fred Lawrence

45A. SIGNATURE OF INSPECTOR

*Fred Lawrence*

45B. DATE OF SIGNATURE

12/29/03

45C. INSPECTOR'S NATIONAL BOARD NO.

NB 11658

46. PRINT NAME AND TITLE OF REPRESENTATIVE ACCOMPANYING INSPECTOR

46A. SIGNATURE

46B. DATE OF SIGNATURE

46C. REPRESENTATIVE'S TELEPHONE NUMBER

ACTION TAKEN ON RECOMMENDATIONS

47. DATE AND ACTION TAKEN OR TO BE TAKEN

48. TYPE OR PRINT NAME, TITLE AND GRADE OF OFFICER IN CHARGE

Jesse Riley Boiler Plant Foreman

49. SIGNATURE OF OFFICER IN CHARGE

*Jesse Riley*

50. DATE OF SIGNATURE

12-30-03

# BOILER OR PRESSURE VESSEL INSPECTION REPORT

1. TYPE OF INSPECTION	
Internal and External	<input checked="" type="checkbox"/> BA <input type="checkbox"/> VA
Internal/External with Hydrostatic Test (same day)	<input type="checkbox"/> BB <input type="checkbox"/> VB
External Under Operation	<input checked="" type="checkbox"/> BC <input type="checkbox"/> VC
External Under Hydrostatic Test	<input type="checkbox"/> BD <input type="checkbox"/> VD
Expansion/Receiver Tank or Internal with UT	<input type="checkbox"/> BE <input type="checkbox"/> VE

2. INSTALLATION <i>FL BENNING</i>		2A. CITY	3. STATE <i>GA</i>	4. ZIP CODE <i>31905</i>	5. PLANT OR BLDG. <i>9202</i>
6. DATE OF INSPECTION <i>29 Dec. 03</i>	7. DATE OF LAST INSPECTION <i>2/26/03</i>	8. DELIVERY ORDER NO.		9. CONTRACT NO.	
10. OBJECT <input type="checkbox"/> Fire Tube <input type="checkbox"/> Cast Iron <input checked="" type="checkbox"/> Water Tube <input type="checkbox"/> Expansion Tank <input type="checkbox"/> Pressure Vessel			11. PLANT <input checked="" type="checkbox"/> Manned <input type="checkbox"/> Unmanned		
11A. PRESSURE PREVIOUS INSPECTION <i>125</i>	11B. PRESSURE THIS INSPECTION <i>120</i>	12A. YEAR BUILT <i>1993</i>	12B. YEAR INSTALLED <i>1998</i>		
13A. PRIMARY FUEL (Boiler) <i>NAT. GAS</i>	13B. SECONDARY FUEL (Boiler) <i>oil</i>	14. DESIGN WORKING PRESSURE OR TEMPERATURE <i>260</i>			
15. MANUFACTURER <i>Cleaver Brooks</i>	16. MANUFACTURER'S RATING MBTU / LBS. / HR <i>36,125 MBH</i>	17. NATIONAL BOARD NUMBER <i>NB02773</i>	18. USAF NUMBER <i>#3</i>		
19. USE <input type="checkbox"/> Power <input type="checkbox"/> Steam Heating <input checked="" type="checkbox"/> Process <input type="checkbox"/> Storage <input type="checkbox"/> HTHW Heating <input type="checkbox"/> Heat Exchange <input type="checkbox"/> Other (Specify)					
20. METHOD OF FIRING (Boilers) <i>Auto Burner</i>	21. SAFETY/RELIEF VALVES SETTING <i>160</i>	22. EXPLAIN IF PRESSURE CHANGED		23. PRESSURE GAGE TESTED <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
24. PURPOSE OF HYDROSTATIC TEST <input type="checkbox"/> New <input type="checkbox"/> Retest <input type="checkbox"/> Repair		25. LAST HYDROSTATIC TEST Date: PSI: <i>UNK</i>		26. HYDROSTATIC TEST <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Date: PSI:	

## STATEMENT OF BASE CIVIL ENGINEER

27. REPAIRS MADE SINCE LAST INSPECTION  
 None  Other (Specify)

## INTERNAL INSPECTION

28. DESCRIBE INSPECTION FULLY (State location of any damage or deposits, i.e., scale, grease, oil, etc.; any corrosion, pitting, grooving, cracking or lamination; any evidence of overheating, broken or loose items, etc.)  
*TYPE 'C' INSPECTION*

## EXTERNAL INSPECTION

29. CONDITION OF BOILERS, VESSELS AND PLANT (Describe fully and state location of any corrosion, leakages, evidence of overheating, soot or other destructive accumulations, or safety or ASME/NB violations, etc.)  
*No Adverse conditions noted*

## 30. SETTINGS, LININGS, SUPPORTS AND BAFFLES

*Good*

## INSPECTION OF SAFETY DEVICE

31. SAFETY/RELIEF VALVES	32. SIZE Number: <i>1-3", 1-2 1/2"</i>	33. TOTAL CAPACITY CFM: BTU/HR: LB/HR: <i>38,570</i>	34. CONDITION AND HOW TESTED <i>Test by hand, leaking</i>
35. PRESSURE GAGES	36. CORRECTION TAKEN (if none give reason) <i>SAT</i>		
37. OTHER APPLIANCES	38. CONDITION <i>CLEAN &amp; CLEAR</i>		
39. REGULATORS AND CONTROLS	40. CONDITION <i>LWCO AND FLAME SENSOR TEST SAT</i>		

## 41. ASME CODES

Does plant comply with code, welding, materials, configuration, etc?  Yes  No (Explain)

INSPECTOR STATEMENT

42. WAS BOILER OR VESSEL PREPARED FOR THOROUGH EXAMINATION (If NO, state what was not and why in Remarks and Recommendations of Inspector.)

Yes  No

43. WAS BOILER OR VESSEL ENTERED FOR THE INSPECTION (If NO, state what was not and why in Remarks and Recommendations of Inspector.)

Yes  No

REMARKS AND RECOMMENDATIONS OF THE INSPECTOR

44. LIST ALL DEFICIENCIES TO BE CORRECTED OR REPAIRED (Use a continuation sheet if necessary.)

The 3" safety valve is leaking during operation, recommend both valves be removed, bench tested and calibrated.

45. TYPE OR PRINT NAME OF INSPECTOR

Fred Lawrence

45A. SIGNATURE OF INSPECTOR

*Fred Lawrence*

45B. DATE OF SIGNATURE

12/29/03

45C. INSPECTOR'S NATIONAL BOARD NO.

NB 11658

46. PRINT NAME AND TITLE OF REPRESENTATIVE ACCOMPANYING INSPECTOR

46A. SIGNATURE

46B. DATE OF SIGNATURE

46C. REPRESENTATIVE'S TELEPHONE NUMBER

ACTION TAKEN ON RECOMMENDATIONS

47. DATE AND ACTION TAKEN OR TO BE TAKEN

48. TYPE OR PRINT NAME, TITLE AND GRADE OF OFFICER IN CHARGE

Jesse Riley Boiler Plant Foreman

49. SIGNATURE OF OFFICER IN CHARGE

*Jesse Riley*

50. DATE OF SIGNATURE

12-30-03