

ATTACHMENT

**BOILER INSPECTION REPORTS
AF1222**

**MILAN ARMY AMMUNITION PLANT VISIT NO. 1
NOVEMBER 3-4, 2003**

DECEMBER 10, 2003

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>MILAN ARMY AMMO. PLANT</i>		2A. CITY <i>MILAN</i>		3. STATE <i>TN</i>	4. ZIP CODE <i>38358</i>	5. PLANT OR BLDG. <i>Bldg. A-15</i>	
3. DATE OF INSPECTION <i>11-3-03</i>		7. DATE OF LAST INSPECTION <i>5-1-03</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>0</i>		11B. PRESSURE THIS INSPECTION <i>90</i>		12A. YEAR BUILT <i>1971</i>		12B. YEAR INSTALLED <i>1971</i>	
13A. PRIMARY FUEL (Boiler) <i>oil</i>		13B. SECONDARY FUEL (Boiler) <i>N/A</i>		14. DESIGN WORKING PRESSURE OR TEMPERATURE <i>150 PSI</i>			
15. MANUFACTURER <i>Cleaver Brooks</i>		16. MANUFACTURER'S RATING MBTU (LBS./HR./SQ. FT.) <i>4046 16/HR 8370 18/HR</i>		17. NATIONAL BOARD NUMBER <i>NB24694</i>		18. USAF NUMBER <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) <i>Auto Burner</i>		21. SAFETY/RELIEF VALVES SETTING <i>150 psi</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: <i>unk</i> PSI:		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>1-2", 1-1/2"</i>	33. TOTAL CAPACITY CFM: BTU/HR: LB/HR: <i>13,394</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 & Clear</i>		
39. REGULATORS AND CONTROLS	40. CONDITION <i>LWCO & 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

45B. DATE OF SIGNATURE

45C. INSPECTOR'S NATIONAL BOARD NO.

Fred Lawrence

11-3-03

NB11658

46. PRINT NAME AND TITLE OF REPRESENTATIVE ACCOMPANYING INSPECTOR

46A. SIGNATURE

46B. DATE OF SIGNATURE

46C. REPRESENTATIVE'S TELEPHONE NUMBER

Robby Cole

11-3-03

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

49. SIGNATURE OF OFFICER IN CHARGE

50. DATE OF SIGNATURE

Randy Meek

11/04/03

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>MILAN ARMY AMMO. PLANT</i>		2A. CITY <i>MILAN</i>	3. STATE <i>TN</i>	4. ZIP CODE <i>38358</i>	5. PLANT OR BLDG. <i>Bldg. A-15</i>
6. DATE OF INSPECTION <i>11-3-03</i>		7. DATE OF LAST INSPECTION <i>5-1-03</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>85</i>	11B. PRESSURE THIS INSPECTION <i>0</i>	12A. YEAR BUILT <i>1971</i>	12B. YEAR INSTALLED <i>1971</i>		
13A. PRIMARY FUEL (Boiler) <i>oil</i>	13B. SECONDARY FUEL (Boiler) <i>N/A</i>	14. DESIGN WORKING PRESSURE OR TEMPERATURE <i>150 PSI</i>			
15. MANUFACTURER <i>Cleaver Brooks</i>	16. MANUFACTURER'S RATING MBTU (LBS. / HR) / SQ. FT. <i>1,046 1/2 HR 8370 1/2 HR</i>	17. NATIONAL BOARD NUMBER <i>NB24567</i>	18. USAF NUMBER <i>#2</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>145 PSI</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: <i>UNK</i> PSI: <i>'</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>1-2" 1-1/2"</i>	33. TOTAL CAPACITY CFM: _____ BTU/HR: _____ LB/HR: <i>10,874</i>	34. CONDITION AND HOW TESTED <i>USUALLY SAT, NOT TESTED</i>
35. PRESSURE GAGES	38. CORRECTION TAKEN (if none give reason) <i>SAT</i>		
37. OTHER APPLIANCES	38. CONDITION <i>Clean & 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

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

Yes No

13. 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

14. 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

11-3-03

45C. INSPECTOR'S NATIONAL BOARD NO.

NB 11658

46. PRINT NAME AND TITLE OF REPRESENTATIVE ACCOMPANYING INSPECTOR

46A. SIGNATURE

Baldy Cole

46B. DATE OF SIGNATURE

11-3-03

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

49. SIGNATURE OF OFFICER IN CHARGE

Raymond

50. DATE OF SIGNATURE

11/04/03

BOILER OR PRESSURE VESSEL INSPECTION REPORT

HSBCT CONTRACT NUMBER

1. TYPE OF INSPECTION

- Internal and External BA VA
 Internal/External with Hydrostatic Test (same day) BB VB
 External Under Operation BC VC
 External Under Hydrostatic Test BD VD
 Expansion/Receiver Tank or Internal with UT BE VE

INSTALLATION: MILAN ARMY AMMO. PLANT 2A. CITY: MILAN 3. STATE: TN 4. ZIP CODE: 38358 5. PLANT OR BLDG.: Bldg. B-21

DATE OF INSPECTION: 11-3-03 7. DATE OF LAST INSPECTION: 5-1-03 8. DELIVERY ORDER NO. 9. CONTRACT NO.

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

1A. PRESSURE PREVIOUS INSPECTION: 0 11B. PRESSURE THIS INSPECTION: 92 12A. YEAR BUILT: 1965 12B. YEAR INSTALLED: 1965

3A. PRIMARY FUEL (Boiler): Oil 13B. SECONDARY FUEL (Boiler): N/A 14. DESIGN WORKING PRESSURE OR TEMPERATURE: 150 PSI

5. MANUFACTURER: Cleaver Brooks 16. MANUFACTURER'S RATING MBTU / LBS. / HR: 8,375 lb/hr 17. NATIONAL BOARD NUMBER: A1B14183 18. USAF NUMBER: #1

9. USE: Power Steam Heating Process Storage HTHW Heating Heat Exchange Other (Specify)

3. METHOD OF FIRING (Boilers): Auto Burner 21. SAFETY/RELIEF VALVES SETTING: 150 22. EXPLAIN IF PRESSURE CHANGED 23. PRESSURE GAGE TESTED: Yes No

4. PURPOSE OF HYDROSTATIC TEST: New Retest Repair 25. LAST HYDROSTATIC TEST Date: unk PSI: 26. HYDROSTATIC TEST: Yes No Date: PSI:

STATEMENT OF BASE CIVIL ENGINEER

7. REPAIRS MADE SINCE LAST INSPECTION

None Other (Specify)

INTERNAL INSPECTION

8. 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

9. 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

10. SETTINGS, LININGS, SUPPORTS AND BAFFLES

Good

INSPECTION OF SAFETY DEVICE

11. SAFETY/RELIEF VALVES 32. SIZE: Number: 1-1/2, 1-1/4 33. TOTAL CAPACITY: CFM: BTU/HR: LB/HR: 9,337 34. CONDITION AND HOW TESTED: Test SAT, by hand

15. PRESSURE GAGES 36. CORRECTION TAKEN (if none give reason): SAT

17. OTHER APPLIANCES 38. CONDITION: Clean & Clear

19. REGULATORS AND CONTROLS 40. CONDITION: LUXCO & FLAME SENSOR Test SAT, No MANUAL RESET ON LUXCO

21. ASME CODES

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

INSPECTOR STATEMENT

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

Yes No

3. 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

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

ASME CSD-1, CW140 REQUIRES A MANUAL RESET ON THE LUCO.

45. TYPE OR PRINT NAME OF INSPECTOR

Fred Lawrence

45A. SIGNATURE OF INSPECTOR

Fred Lawrence

45B. DATE OF SIGNATURE

11-3-03

45C. INSPECTOR'S NATIONAL BOARD NO.

NB11658

46. PRINT NAME AND TITLE OF REPRESENTATIVE ACCOMPANYING INSPECTOR

46A. SIGNATURE

Baldy Cole

46B. DATE OF SIGNATURE

11-3-03

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

49. SIGNATURE OF OFFICER IN CHARGE

Ray Wes

50. DATE OF SIGNATURE

11/04/03

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>MILAN ARMY AMMO PLANT</i>		2A. CITY <i>MILAN</i>	3. STATE <i>TN</i>	4. ZIP CODE <i>38358</i>	5. PLANT OR BLDG. <i>Bldg. B-21</i>
6. DATE OF INSPECTION <i>11-3-03</i>	7. DATE OF LAST INSPECTION <i>5-1-03</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>85</i>	11B. PRESSURE THIS INSPECTION <i>0</i>	12A. YEAR BUILT <i>1965</i>	12B. YEAR INSTALLED <i>1965</i>		
13A. PRIMARY FUEL (Boiler) <i>Oil</i>	13B. SECONDARY FUEL (Boiler) <i>N/A</i>	14. DESIGN WORKING PRESSURE OR TEMPERATURE <i>150 psi</i>			
15. MANUFACTURER <i>Cleaver Brooks</i>	16. MANUFACTURER'S RATING MBTU / LBS. / HR <i>8,375 lb/hr</i>	17. NATIONAL BOARD NUMBER <i>NB14513</i>	18. USAF NUMBER <i>#2</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>145/150 PSI</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: <i>unk</i> PSI:	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.)
EVIDENCE OF LEAKAGE AT 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 Number: <i>1-1/4", 1-1/4"</i>	33. TOTAL CAPACITY CFM: BTU/HR: LB/HR: <i>19680</i>	34. CONDITION AND HOW TESTED <i>New, Not Tested</i>
35. PRESSURE GAGES	36. CORRECTION TAKEN (if none give reason) <i>SAT</i>		
37. OTHER APPLIANCES	38. CONDITION <i>Clean & 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

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

Yes No

2. 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

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

The boiler should be hydrostatically tested, All leaking tube should be re-rolled.

5. TYPE OR PRINT NAME OF INSPECTOR

Fred LAWRENCE

5A. SIGNATURE OF INSPECTOR

Fred Lawrence

45B. DATE OF SIGNATURE

11-3-03

45C. INSPECTOR'S NATIONAL BOARD NO.

NB 11658

6. PRINT NAME AND TITLE OF REPRESENTATIVE ACCOMPANYING INSPECTOR

8A. SIGNATURE

Bobby Cole

46B. DATE OF SIGNATURE

11-3-03

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

49. SIGNATURE OF OFFICER IN CHARGE

Raymond

50. DATE OF SIGNATURE

11/04/03

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>MILAN Army Ammo. Plant</i>		2A. CITY <i>MILAN</i>	3. STATE <i>TX</i>	4. ZIP CODE <i>78358</i>	5. PLANT OR BLDG. <i>Bldg X-21</i>
6. DATE OF INSPECTION <i>11-4-03</i>	7. DATE OF LAST INSPECTION <i>5-2-03</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					
11A. PRESSURE PREVIOUS INSPECTION <i>88</i>			11B. PRESSURE THIS INSPECTION <i>0</i>		
12A. YEAR BUILT <i>1966</i>		12B. YEAR INSTALLED <i>1966</i>			
13A. PRIMARY FUEL (Boiler) <i>oil</i>		13B. SECONDARY FUEL (Boiler) <i>N/A</i>		14. DESIGN WORKING PRESSURE OR TEMPERATURE <i>150 psi</i>	
15. MANUFACTURER <i>Cleaver Brooks</i>		16. MANUFACTURER'S RATING MBTU / LBS. HR <i>6695 lb/hr</i>		17. NATIONAL BOARD NUMBER <i>NB14182</i>	
18. USAF NUMBER <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) <i>Auto Burner</i>		21. SAFETY/RELIEF VALVES SETTING <i>150 psi</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: <i>UNK</i> PSI:		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 Noted

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>1-1/2, 1-1/4</i>	33. TOTAL CAPACITY CFM: BTU/HR: LB/HR: <i>10,968</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 & 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

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

Yes No

3. 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

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

No Recommendations

15. TYPE OR PRINT NAME OF INSPECTOR

Fred LAWRENCE

15A. SIGNATURE OF INSPECTOR

Fred Lawrence

45B. DATE OF SIGNATURE

11-4-03

45C. INSPECTOR'S NATIONAL BOARD NO.

NB11658

16. PRINT NAME AND TITLE OF REPRESENTATIVE ACCOMPANYING INSPECTOR

16A. SIGNATURE

Bobby Cole

46B. DATE OF SIGNATURE

11-3-03

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

49. SIGNATURE OF OFFICER IN CHARGE

Ray News

50. DATE OF SIGNATURE

11/04/03

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

1. INSTALLATION <i>MILAN ARMY ARMORY PLANT</i>	2A. CITY <i>MILAN</i>	3. STATE <i>TN</i>	4. ZIP CODE <i>38358</i>	5. PLANT OR BLDG. <i>Bldg. X-21</i>
6. DATE OF INSPECTION <i>11-4-03</i>	7. DATE OF LAST INSPECTION <i>5-2-03</i>	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 <i>0</i>	11B. PRESSURE THIS INSPECTION <i>90</i>	12A. YEAR BUILT <i>1989</i>	12B. YEAR INSTALLED <i>1989</i>
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13A. PRIMARY FUEL (Boiler) <i>oil</i>	13B. SECONDARY FUEL (Boiler) <i>N/A</i>	14. DESIGN WORKING PRESSURE OR TEMPERATURE <i>150 PSI</i>
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15. MANUFACTURER <i>CLEVER BROOKS</i>	16. MANUFACTURER'S RATING MBTU/LBS. <i>1255 16/HR. 10045 16/HR</i>	17. NATIONAL BOARD NUMBER <i>NB 68364</i>	18. USAF NUMBER <i>#2</i>
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19. USE
 Power Steam Heating Process Storage HTHW Heating Heat Exchange Other (Specify)

20. METHOD OF FIRING (Boilers) <i>Auto Burner</i>	21. SAFETY/RELIEF VALVES SETTING <i>150 PSI</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: <i>UNK</i> PSI:	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
 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 Noted

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>1-1/2", 1-1/4"</i>	33. TOTAL CAPACITY CFM: BTU/HR: LB/HR: <i>16,420</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 & CLEAR</i>		
39. REGULATORS AND CONTROLS	40. CONDITION <i>LWCO & FLAME SENSOR TEST SAT.</i>		

41. ASME CODES

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

INSPECTOR STATEMENT

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

Yes No

3. 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

4. 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

11-4-03

45C. INSPECTOR'S NATIONAL BOARD NO.

NB11658

46. PRINT NAME AND TITLE OF REPRESENTATIVE ACCOMPANYING INSPECTOR

46A. SIGNATURE

Bobby Calo

46B. DATE OF SIGNATURE

11-2-03

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

49. SIGNATURE OF OFFICER IN CHARGE

[Signature]

50. DATE OF SIGNATURE

11/04/03

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>MILAN ARMY AMMO. PLANT</i>	2A. CITY <i>MILAN</i>	3. STATE <i>TX</i>	4. ZIP CODE <i>38358</i>	5. PLANT OR BLDG. <i>Bldg. X-21</i>
6. DATE OF INSPECTION <i>11-4-03</i>	7. DATE OF LAST INSPECTION <i>5-2-03</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>95</i>	11B. PRESSURE THIS INSPECTION <i>0</i>	12A. YEAR BUILT <i>1989</i>	12B. YEAR INSTALLED <i>1989</i>
13A. PRIMARY FUEL (Boiler) <i>oil</i>	13B. SECONDARY FUEL (Boiler) <i>N/A</i>	14. DESIGN WORKING PRESSURE OR TEMPERATURE <i>150 PSI</i>	
15. MANUFACTURER <i>Cleaver Brooks</i>	16. MANUFACTURER'S RATING MBTU / LB OF FUEL / HR. <i>1,255 15/HR 10,045 15/HR</i>	17. NATIONAL BOARD NUMBER <i>NB 68263</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>150 PSI</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: <i>COOK</i> PSI:	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 noted

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>1-1/2", 1-1/4"</i>	33. TOTAL CAPACITY CFM: _____ BTU/HR: _____ LB/HR: <i>14,420</i>	34. CONDITION AND HOW TESTED <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 & Clear</i>		
39. REGULATORS AND CONTROLS	40. CONDITION <i>Usually SAT. Not tested, boiler idle</i>		

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

INSPECTOR STATEMENT

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

Yes No

2. 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

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

No Recommendations

4. TYPE OR PRINT NAME OF INSPECTOR

Fred LAWRENCE

5A. SIGNATURE OF INSPECTOR

Fred Lawrence

45B. DATE OF SIGNATURE

11-4-03

45C. INSPECTOR'S NATIONAL BOARD NO.

NB 11658

6. PRINT NAME AND TITLE OF REPRESENTATIVE ACCOMPANYING INSPECTOR

6A. SIGNATURE

Bobby Cole

46B. DATE OF SIGNATURE

11-3-03

46C. REPRESENTATIVE'S TELEPHONE NUMBER

ACTION TAKEN ON RECOMMENDATIONS

7. DATE AND ACTION TAKEN OR TO BE TAKEN

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

49. SIGNATURE OF OFFICER IN CHARGE

Keep

50. DATE OF SIGNATURE

11/04/03

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>MILAN ARMY AMMO. PLANT</i>	2A. CITY <i>MILAN</i>
3. STATE <i>TN</i>	4. ZIP CODE <i>38358</i>
5. PLANT OR BLDG. <i>Bldg. D-88</i>	
6. DATE OF INSPECTION <i>11-3-03</i>	7. DATE OF LAST INSPECTION <i>5-1-03</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>87</i>	11B. PRESSURE THIS INSPECTION <i>0</i>
12A. YEAR BUILT <i>2002</i>	12B. YEAR INSTALLED <i>2002</i>
13A. PRIMARY FUEL (Boiler) <i>oil</i>	13B. SECONDARY FUEL (Boiler) <i>N/A</i>
14. DESIGN WORKING PRESSURE OR TEMPERATURE <i>150 PSI</i>	
15. MANUFACTURER <i>Cleaver Brooks</i>	16. MANUFACTURER'S RATING MBTU /LBS. / HR <i>12,075 lb/hr.</i>
17. NATIONAL BOARD NUMBER <i>NB11727</i>	18. USAF NUMBER <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) <i>AUTO BURNER</i>	21. SAFETY/RELIEF VALVES SETTING <i>150 psi</i>
22. EXPLAIN IF PRESSURE CHANGED	
23. PRESSURE GAGE TESTED	
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
24. PURPOSE OF HYDROSTATIC TEST	25. LAST HYDROSTATIC TEST
<input type="checkbox"/> New <input type="checkbox"/> Retest <input type="checkbox"/> Repair	Date: <i>unk</i> PSI:
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 Noted

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>1-2" 1-1/2"</i>	33. TOTAL CAPACITY CFM: BTU/HR: LB/HR: <i>19,406</i>	34. CONDITION AND HOW TESTED <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 & 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

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

Yes No

3. 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

4. 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

11-3-03

45C. INSPECTOR'S NATIONAL BOARD NO.

NB11658

46. PRINT NAME AND TITLE OF REPRESENTATIVE ACCOMPANYING INSPECTOR

46A. SIGNATURE

Bobby Cole

46B. DATE OF SIGNATURE

11-3-03

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

49. SIGNATURE OF OFFICER IN CHARGE

Ray M...

50. DATE OF SIGNATURE

11/04/03

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		2A. CITY MILAN	3. STATE TN	4. ZIP CODE 38358	5. PLANT OR BLDG. Bldg. D-88
2. INSTALLATION MILAN ARMY AMMO. PLANT		6. DATE OF INSPECTION 11-3-03		7. DATE OF LAST INSPECTION 5-1-03	
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 0	11B. PRESSURE THIS INSPECTION 93	12A. YEAR BUILT 2002	12B. YEAR INSTALLED 2002		
13A. PRIMARY FUEL (Boiler) oil	13B. SECONDARY FUEL (Boiler) N/A	14. DESIGN WORKING PRESSURE OR TEMPERATURE 150 PSI			
15. MANUFACTURER Cleaver Brooks	16. MANUFACTURER'S RATING MBTU / LBS. / HR 12,075 16/hr	17. NATIONAL BOARD NUMBER NB 11728	18. USAF NUMBER #2		
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) AUTO BURNER	21. SAFETY/RELIEF VALVES SETTING 150 PSI	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: UNK PSI:	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)

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: 1-2", 1-1/2"	33. TOTAL CAPACITY CFM: _____ BTU/HR: _____ LB/HR: 19,406	34. CONDITION AND HOW TESTED Test SAT. by HAND
35. PRESSURE GAGES	36. CORRECTION TAKEN (If none give reason) SAT		
37. OTHER APPLIANCES	38. CONDITION Clean & Clear		
39. REGULATORS AND CONTROLS	40. CONDITION LWCO AND FLAME SENSOR Test SAT.		
41. ASME CODES			

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

INSPECTOR STATEMENT

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

3. 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

4. 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

11-3-03

45C. INSPECTOR'S NATIONAL BOARD NO.

NB11658

46. PRINT NAME AND TITLE OF REPRESENTATIVE ACCOMPANYING INSPECTOR

46A. SIGNATURE

Bobby Cole

46B. DATE OF SIGNATURE

11-3-03

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

49. SIGNATURE OF OFFICER IN CHARGE

Rory M...

50. DATE OF SIGNATURE

11/04/03

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>MILAN ARMY AMMO. PLANT</i>		2A. CITY <i>MILAN</i>	3. STATE <i>PA</i>	4. ZIP CODE <i>38385</i>	5. PLANT OR BLDG. <i>Bldg. J-107</i>
5. DATE OF INSPECTION <i>11-3-03</i>		7. DATE OF LAST INSPECTION <i>5-1-03</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>0</i>	11B. PRESSURE THIS INSPECTION <i>87</i>	12A. YEAR BUILT <i>1965</i>	12B. YEAR INSTALLED <i>1991</i>		
13A. PRIMARY FUEL (Boiler) <i>Oil</i>	13B. SECONDARY FUEL (Boiler) <i>N/A</i>	14. DESIGN WORKING PRESSURE OR TEMPERATURE <i>150 PSI</i>			
15. MANUFACTURER <i>Cleaver Brooks</i>	16. MANUFACTURER'S RATING MBTU / LBS. / HR. / SQ. FT. <i>3750 16/HR 6695 16/HR</i>	17. NATIONAL BOARD NUMBER <i>NB14511</i>	18. USAF NUMBER <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) <i>Auto Burner</i>	21. SAFETY/RELIEF VALVES SETTING <i>150 PSI</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: <i>UNK</i> PSI:	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>1-1/2", 1-1/4"</i>	33. TOTAL CAPACITY CFM: BTU/HR: LB/HR: <i>1,838</i>	34. CONDITION AND HOW TESTED <i>Test SAT. by PAWD</i>
35. PRESSURE GAGES	36. CORRECTION TAKEN (if none give reason) <i>SAT</i>		
37. OTHER APPLIANCES	38. CONDITION <i>GAGE GLASS DIRTY & LEAKING</i>		
39. REGULATORS AND CONTROLS	40. CONDITION <i>LWCO & FLAME SENSOR Test SAT</i>		

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

INSPECTOR STATEMENT

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

Yes No

3. 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

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

No Recommendations

GAGE GLASS SHOULD BE REPLACED, R.O.P. per FWH 12/4/03

45. TYPE OR PRINT NAME OF INSPECTOR

Fred LAWRENCE

45A. SIGNATURE OF INSPECTOR

Fred Lawrence

45B. DATE OF SIGNATURE

11-3-03

45C. INSPECTOR'S NATIONAL BOARD NO.

NB 11658

46. PRINT NAME AND TITLE OF REPRESENTATIVE ACCOMPANYING INSPECTOR

46A. SIGNATURE

Bobby Cole

46B. DATE OF SIGNATURE

11-3-03

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

49. SIGNATURE OF OFFICER IN CHARGE

Randy Webb

50. DATE OF SIGNATURE

11/04/03

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

1. INSTALLATION <i>MILAN ARMY AMMO. PLANT</i>	2A. CITY <i>MILAN</i>	3. STATE <i>TN</i>	4. ZIP CODE <i>38358</i>	5. PLANT OR BLDG. <i>Bldg. J-107</i>
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6. DATE OF INSPECTION <i>11-3-03</i>	7. DATE OF LAST INSPECTION <i>5-1-03</i>	8. DELIVERY ORDER NO.	9. CONTRACT NO.
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9. OBJECT

Fire Tube Cast Iron Water Tube Expansion Tank Pressure Vessel

11. PLANT Manned Unmanned

1A. PRESSURE PREVIOUS INSPECTION <i>92</i>	11B. PRESSURE THIS INSPECTION <i>0</i>	12A. YEAR BUILT <i>1965</i>	12B. YEAR INSTALLED <i>1991</i>
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3A. PRIMARY FUEL (Boiler) <i>oil</i>	13B. SECONDARY FUEL (Boiler) <i>N/A</i>	14. DESIGN WORKING PRESSURE OR TEMPERATURE <i>150 PSI</i>
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5. MANUFACTURER <i>Cleaver Brooks</i>	16. MANUFACTURER'S RATING MBTU /LBS. <i>3,750 16/HR 669.5 16/HR</i>	17. NATIONAL BOARD NUMBER <i>NB14512</i>	18. USAF NUMBER <i>#2</i>
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9. USE

Power Steam Heating Process Storage HTHW Heating Heat Exchange Other (Specify)

10. 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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4. 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:	26. HYDROSTATIC TEST <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Date: PSI:
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STATEMENT OF BASE CIVIL ENGINEER

17. REPAIRS MADE SINCE LAST INSPECTION

None Other (Specify)

INTERNAL INSPECTION

18. 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 Noted

EXTERNAL INSPECTION

19. 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

10. SETTINGS, LININGS, SUPPORTS AND BAFFLES

SAT

INSPECTION OF SAFETY DEVICE

31. SAFETY/RELIEF VALVES	32. SIZE Number: <i>1-1/2, 1-1/4</i>	33. TOTAL CAPACITY CFM: BTU/HR: LB/HR: <i>10,852</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 & Clear</i>		
39. REGULATORS AND CONTROLS	40. CONDITION <i>Visually SAT. Not tested, boiler safe</i>		
41. ASME CODES			

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

INSPECTOR STATEMENT

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

Yes No

13. 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

14. 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

11-3-03

45C. INSPECTOR'S NATIONAL BOARD NO.

NB 11658

46. PRINT NAME AND TITLE OF REPRESENTATIVE ACCOMPANYING INSPECTOR

46A. SIGNATURE

Baldy Cole

46B. DATE OF SIGNATURE

11-3-03

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

49. SIGNATURE OF OFFICER IN CHARGE

Ray New

50. DATE OF SIGNATURE

11/04/03