

GENERAL SERVICES ADMINISTRATION PUBLIC BUILDINGS SERVICE		INSPECTION REPORT OF BOILER <i>(Make separate report for each boiler)</i>	
CITY AND STATE		BUILDING	
REGION NUMBER	HEADQUARTERS	DATE OF INSPECTION	
1. NUMBER OF BOILERS IN BUILDING SUBJECT TO INSPECTION		2. PLANT BOILER NUMBER	
3. MANUFACTURER'S NAME		3A. MANUFACTURER'S NUMBER	
4. TYPE OF BOILER <div style="display: flex; justify-content: space-between; font-size: small;"> <div><input type="checkbox"/> STEAM</div> <div><input type="checkbox"/> WATER TUBE</div> <div><input type="checkbox"/> SCOTCH</div> <div><input type="checkbox"/> FIRE TUBE H. R. T.</div> <div><input type="checkbox"/> FIRETUBE FIREBOX</div> </div> <div style="display: flex; justify-content: space-between; font-size: small;"> <div><input type="checkbox"/> HOT WATER</div> <div><input type="checkbox"/> PACKAGE TYPE</div> <div><input type="checkbox"/> C. I. SECTIONAL</div> <div><input type="checkbox"/> OTHER (Specify type)</div> </div>			
5. *TYPE OF SETTING			
6. *DATE MANUFACTURED	6A. *DATE INSTALLED THIS LOCATION	7. *STATE SERVICE (Lighting, pumping, heating, power, etc.)	
8. MANUFACTURER'S RATING <div style="display: flex; justify-content: space-between; font-size: x-small;"> <div>CAPACITY</div> <div>(B.H.P., SQ. FT., STEAM OR H.W., MBH, E.D.R. OR LB/HR)</div> </div> <div style="display: flex; justify-content: space-between; font-size: x-small;"> <div>MAXIMUM ALLOWABLE WORKING PRESSURE</div> <div>LBS./SQ. IN.</div> </div>			
9. MAXIMUM STEAM PRESSURE UNDER WHICH BOILER IS OPERATED <div style="text-align: right; font-size: x-small;">LBS./SQ. IN.</div>			
9A. HOT WATER SUPPLY TEMPERATURE <div style="text-align: center; font-size: x-small;">°F</div>		9B. RETURN TEMPERATURE <div style="text-align: center; font-size: x-small;">°F (Minimum)</div>	
10. HAS WORKING PRESSURE BEEN REDUCED, BASED ON AN OFFICIAL RECOMMENDATION? <input type="checkbox"/> YES <input type="checkbox"/> NO			
10A. IF SO, STATE DETAILS			
11. DATE OF LAST INSPECTION		12. NAME AND TITLE OF LAST INSPECTOR	
13. FUEL USED <input type="checkbox"/> COAL <input type="checkbox"/> OIL <input type="checkbox"/> GAS			
14. *NUMBER AND LENGTH OF GENERATING TUBES		15. *DIAMETER OF TUBES (O.D.)	
16. *MATERIAL AND GAUGE OF TUBES			
17. *GIVE SIMILAR DATA ON WATER WALL TUBES IF FITTED			
18. *NUMBER AND SIZE OF SECTIONS FOR C.I. BOILER			
19. GENERAL CONDITION OF SETTING <div style="display: flex; justify-content: space-around; font-size: x-small;"> <div>INSIDE</div> <div>OUTSIDE</div> </div>			
20. DOES BOILER CONTAIN GREASE? <input type="checkbox"/> YES <input type="checkbox"/> NO		20A. DOES BOILER CONTAIN SCALE? <input type="checkbox"/> YES <input type="checkbox"/> NO	
20B. IF SO, IS QUANTITY OF GREASE OR SCALE CONSIDERED SERIOUS? <input type="checkbox"/> YES <input type="checkbox"/> NO			
21. WAS EMBRITTLEMENT, GROOVING, PITTING, OR CORROSION APPARENT? <input type="checkbox"/> YES <input type="checkbox"/> NO			
21A. IF SO, TO WHAT EXTENT OF EACH?			
22. DOES BOILER SHOW SIGNS OF BAGS OR BLISTERS? <input type="checkbox"/> YES <input type="checkbox"/> NO			

**To be recorded at first inspection only*

22A. IF SO, TO WHAT EXTENT?
23. WAS HAMMER TEST MADE OF STAYS, RIVETS, ETC.? <input type="checkbox"/> YES <input type="checkbox"/> NO
23A. IF SO, STATE RESULTS
24. HAS BOILER BEEN RECEIVING FEED WATER TREATMENT? <input type="checkbox"/> YES <input type="checkbox"/> NO
24A. IF SO, WHAT TYPE AND TO WHAT EXTENT?
25. CONDITION OF TUBES
26. ARE THERE ANY WARPED TUBES? <input type="checkbox"/> YES <input type="checkbox"/> NO
27. CONDITION OF THE NIPPLES
28. HYDROSTATIC PRESSURE OF <div style="text-align: right;">LBS./SQ. IN. WAS APPLIED</div>
29. DID BOILER SHOW DEFECTS UNDER ABOVE PRESSURE? <input type="checkbox"/> YES <input type="checkbox"/> NO
29A. IF SO, WHERE, AND TO WHAT EXTENT?
30. WAS TEST PRESSURE $\frac{1}{2}$ TIMES THE MAXIMUM ALLOWABLE WORKING PRESSURE AS RATED BY MANUFACTURER? <input type="checkbox"/> YES <input type="checkbox"/> NO
30A. IF NOT, WHY WAS MAXIMUM PRESSURE NOT APPLIED?
31. RECOMMENDED MAXIMUM SAFE WORKING PRESSURE AS A RESULT OF THIS TEST <div style="text-align: right;">LBS./SQ. IN. GAGE</div>
32. *SAFETY VALVES <div style="display: flex; justify-content: space-between; font-size: small; margin-top: 5px;"> NUMBER TYPE SIZE </div>
33. CONDITION OF SAFETY VALVES
34. EACH SAFETY VALVE SET TO OPEN AT <div style="text-align: right;">LBS. WATER PRESSURE</div>
35. WAS PRESSURE TEST MADE OF SAFETY VALVES? <input type="checkbox"/> YES <input type="checkbox"/> NO
35A. RESULT OF PRESSURE TEST, EACH VALVE OPEN
35B. RESULT OF PRESSURE TEST, EACH VALVE CLOSED
36. WERE SAFETY VALVES RESET? <input type="checkbox"/> YES <input type="checkbox"/> NO
36A. IF SO, FOR WHAT PRESSURE? <div style="text-align: right;">LBS./SQ. IN.</div>
37. CONDITION OF BOILER GAUGE
38. WHAT VARIATION IN PRESSURE EXISTED BETWEEN PRESSURE VESSEL GAUGE AND INSPECTOR'S TEST GAUGE AT WORKING PRESSURE?

**To be recorded at first inspection only*

39. WAS GAUGE CORRECTED? <input type="checkbox"/> YES <input type="checkbox"/> NO	40. WERE FUSIBLE PLUGS RENEWED? <input type="checkbox"/> YES <input type="checkbox"/> NO
41. CONDITION OF FUSIBLE PLUGS	
42. CONDITION OF GAUGE GLASS, WATER COLUMN AND TRY COCKS	
43. CONDITION OF BOTTOM BLOW-OFF VALVES, AND LINE	
44. CONDITION OF SURFACE BLOW AND/OR CONTINUOUS BLOW IF FITTED	
45. WHAT TYPE OF BOILER FEEDING APPARATUS IS USED (<i>Pump, injector, return trap, gravity, etc.</i>)	
45A. DESCRIBE SAME	
46. CONDITION OF BOILER FEEDING APPARATUS	
47. GENERAL INTERNAL CONDITION OF BOILER	
47A. GENERAL EXTERNAL CONDITION OF BOILER	
48. CONDITION OF THE BAFFLES	
49. CONDITION OF THE CALKING BETWEEN TUBE HEADERS	
50. GENERAL CONDITION OF THE MOUNTINGS, ATTACHMENTS, SETTINGS, BREECHING, BAROMETRIC DAMPER, STACK, ETC.	
51. IF COAL IS USED FOR FUEL, HOW IS BOILER FIRED? <input type="checkbox"/> HAND <input type="checkbox"/> STOKER	
52. IF STOKER, DESCRIBE SAME: GIVE CONDITION, INCLUDING SAFETY CONTROLS	
53. IF OIL OR GAS IS USED FOR FUEL, DESCRIBE SAME: GIVE CONDITION, INCLUDING SAFETY CONTROLS	
53A. FIRING EFFICIENCY	53B. FLUE GAS TEMPERATURE
% CO ₂	
54. IF HAND FIRED, GIVE TYPE, SIZE AND CONDITION OF GRATES	
55. WHAT REPAIRS OR ALTERATIONS HAVE BEEN MADE SINCE LAST INSPECTION AND WHY WERE THEY MADE?	
56. HAS ADEQUATE PROVISIONS BEEN MADE FOR FIRE FIGHTING?	
57. HOW DO PERSONNEL IN CHARGE OF THIS EQUIPMENT GRADE? <input type="checkbox"/> COMPETENT <input type="checkbox"/> DOUBTFUL <input type="checkbox"/> INCOMPETENT GIVE RECOMMENDATIONS REGARDING PERSONNEL	

58. IN YOUR OPINION IS THIS BOILER IN A SAFE CONDITION TO BE OPERATED?

☐ YES

☐ NO

58A. IF ANSWER TO QUESTION 58 IS NO, THE INSPECTOR WILL NOTIFY THE CUSTODIAN, OR BUILDING SUPERINTENDENT, IMMEDIATELY IN WRITING, NOT TO USE SAME, AND GIVE COMPLETE DETAILS TO REGIONAL OFFICE BY WIRE

59. RECOMMENDATIONS AND REMARKS BY THE INSPECTOR *(Include alterations, additions or repairs considered necessary)*

59A. SIGNATURE OF INSPECTOR

59B. TITLE OF INSPECTOR

60. RECOMMENDATIONS AND REMARKS BY LOCAL OFFICER OR ENGINEER IN CHARGE

60A. SIGNATURE OF OFFICER IN CHARGE

60B. OFFICIAL TITLE OF OFFICER IN CHARGE

NOTE: Use additional sheets, if necessary, to supplement the above remarks