HISTORICAL BOILER INSERVICE INSPECTION CHECKLIST
BSB 0600-05 Attachment 5 Rev 2

BOILER INFORMATION

NC NO:	DATE:

Notes from hydro test, Attachment 7"

Notes from this test:

Safety Valve(s) in use at Inspection:

Manufacturer_____ Size_____ Set Pressure_____ Capacity_____

Manufacturer_____ Size_____ Set Pressure_____ Capacity_____

INSPECTION INTERVAL:	**INITIAL** ☐ **INTERVAL 1** ☐
INSPECTOR NAME:	INSPECTOR SIGNATURE:

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	DESCRIPTION	ACC	REJ	REMARKS
#1	**VISUAL INSPECTION OF THE BOILER UNDER PRESSURE** **Comment on any area where leakage is observed.**			
	Leakage on barrel;	☐	☐	
	Leakage on stayed surfaces;	☐	☐	
	Leakage at piping or fittings connected to boiler;	☐	☐	
	Leakage on external piping;	☐	☐	
#2	**WATER LEVEL**			
	Is the water level visible in the gage glass?	☐	☐	
	Have the try cocks operated and verify that the level correlates to the level in the gage glass.	☐	☐	
	Have the upper and lower gage glass shutoff valves operated.	☐	☐	
	Have the gage glass blow down valve operated.	☐	☐	
	Does the water feed system work properly at pressure?	☐	☐	
	Two independent means of boiler feed water delivery systems shall be demonstrated to the inspector. During the demonstration of the feed water systems, the boiler pressure must be at least 90% of the safety valve set pressure. If the boiler is equipped with two feedwater tanks each feedwater device must be able to take water from either tank. Pumped feedwater must be preheated prior to entering the boiler.	☐	☐	
#3	**PRESSURE GAGE**			
	Is the pressure gage visible from the operating station?	☐	☐	
	Does the pressure gage read the correct pressure?	☐	☐	
	Is the siphon installed properly under the gage?	☐	☐	

#4	**SAFETY VALVE**			
	DESCRIPTION	**YES**	**NO**	**REMARKS**
	Is the Safety Valve NB / ASME stamped?	☐	☐	
	Are the SV seals intact?	☐	☐	
	Has the safety valve been repaired?	☐	☐	
	Is the safety valve properly supported?	☐	☐	
	Have the operator raise the boiler pressure. Pop pressure = Blow down pressure =	☐	☐	

PG-72.1 Pressure relief valves shall be designed and constructed to operate without chattering, with a minimum blowdown of 2 psi (15 kPa) or 2% of the set pressure, whichever is greater, and to attain full lift at a pressure not greater than 3% above their set pressure.