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WBS TEST & ACCEPTANCE CRITERIA

Issue No: 1
Date of issue: February 1998

TEST CODE SHEET

Sheet 1 of 1

1. TYPE OF TEST(S)

Corrosion protection.

2. BYELAW REQUIREMENT FOR FITTINGS

Byelaw 51

No water fitting which conveys water supplied by the undertakers for domestic purposes shall; (a) be made wholly or partially of, or incorporate, or (b) be lined or coated with, any material or substance which contaminates, such water by altering its colour, odour, taste or composition.

Byelaw 52

Every water fitting shall be constructed of materials, the nature, the strength and thickness of which (including any internal lining or external coating) will prevent, so far as is reasonably practicable, damage from
(c) corrosion.

Byelaw 94

Every pressure relief valve, expansion valve, temperature relief valve or combined temperature and pressure relief valve connected to any boiler or hot water cylinder or storage tank or pipe shall;..... (c) be resistant to corrosion.

3. BRITISH STANDARDS OR WATER SPECIFICATION, DEEMED TO SATISFY BYELAW REQUIREMENTS

3.1 Fittings with 'Kitemarks' which are deemed to satisfy the requirements of byelaws are listed in the directory.

4. TEST PROCEDURE

Note: Unless otherwise stated the temperature of the test fluid shall be 20 ± 10°C.

4.1 Tests applicable to the following fittings:-

- SAFETY VALVES** - Pressure relief valves.
 - Expansion relief valves.
 - Temperature relief valves.
 - Combined temperature & pressure relief valves.
 - Pressure reducing & limiting valves.

THIS TEST CODE SHEET DOES NOT APPLY TO 'SAFETY VALVES' USED IN PRIMARY SYSTEMS.

(A) SAFETY VALVES

TEST METHOD

Visually examine the materials of construction used for the 'wetted parts' of the safety valve and compare with those declared by the manufacturer.

These components shall be constructed of materials resistant and immune to corrosion, which may include gunmetal or dezincification resistant (DZR) brass.

5. ACCEPTANCE CRITERIA

All safety valves as defined above, shall be constructed of materials resistant and immune to corrosion. Where this is by way of DZR brass, the valve shall be marked 'CR'.