

Test Code Sheet Number	1	4	1	1	1
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WBS TEST & ACCEPTANCE CRITERIA

Issue No: 3
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TEST CODE SHEET

Sheet 1 of 1

1. TYPE OF TEST(S)

Dezincification resistance.

2. BYELAW REQUIREMENT FOR FITTINGSByelaw 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 53

Every water fitting which - (a) is installed below ground; or (b) passes through any wall, footing or foundation; or (c) is embedded in any wall or solid floors; or (d) is enclosed in any chase or duct; or (e) is in any other position which is inaccessible, or to which access is difficult; shall be (iii) except in a closed circuit, resistant to corrosion.

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

BS EN ISO 6509 : 1995 'Corrosion of metals and alloys - determination of dezincification resistance brass'.
AS 2345 : 1992 'Dezincification resistance of copper alloys'.

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

4. TEST PROCEDURE

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.

ALL BACKFLOW PREVENTION DEVICES MANUFACTURED FROM A BRASS ALLOY.**ALL WETTED PARTS OF FITTINGS MANUFACTURED FROM A BRASS ALLOY**

- installed below ground or in an inaccessible position.

The test is **NOT** applicable to:

- Safety valves (as defined above) used in primary systems.
- Brass alloys containing less than 15% zinc.
- CZ132 grade brass.
- Gunmetal and bronze.

(A) FITTINGS AS DETAILED IN 4.1TEST METHOD

This test to be carried out by a NAMAS accredited test laboratory in accordance with the requirements of BS EN ISO 6509.

5. ACCEPTANCE CRITERIA

The fitting shall meet the acceptance criteria of AS 2345 Table 1.