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WBS TEST & ACCEPTANCE CRITERIA PD.

Issue No: 4
Date of issue: July 1994

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TEST CODE SHEET

1. **TYPE OF TEST(S)**

Deflection prevention (inspection only)

2. **BYELAW REQUIREMENT FOR FITTINGS**

Byelaw 34

Every float operated valve or other device which controls the inflow of water to a storage cistern shall be - (a) securely and rigidly fixed to that cistern.....

Byelaw 52

Every water fitting shall be constructed of materials, the nature, the strength and thickness of which will prevent, so far as is reasonably practicable, damage from: (a) any external load; (b) vibration, stress

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

(See Water Supply Byelaw Guide)

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-

**CISTERNS, COLD WATER STORAGE
CISTERNS, FEED AND EXPANSION**
- plastics materials

(A) **COLD WATER STORAGE FEED AND EXPANSION CISTERNS (POLYOLEFIN OR OLEFIN COPOLYMER)**
(Derived from BS 4213, Appendix R)

TEST METHOD

When the cistern is provided with a backing plate for supporting the float operated valve, ensure that this plate is free from sharp edges, corners or surface projections, and is corrosion resistant. When the backing plate is supplied loose, it should be fitted to the outside of the cistern with the centre of the hole positioned 60 ± 5 mm from the top of the cistern.

5. **ACCEPTANCE CRITERIA**

The inspection shall show that the requirements outlined have been complied with.

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(B) ALL OTHER TYPES OF STORAGE CISTERNS NOT REFERRED TO IN (A)

TEST METHOD

When the cistern is provided with a backing plate for supporting the float operated valve ensure that this plate is free from sharp edges, corners or surface projections, and is corrosion resistant. When the backing plate is supplied loose, it should be fitted to the outside of the cistern with the centre of the hole positioned $60 \pm 5\text{mm}$ from the cistern tap.

5. ACCEPTANCE CRITERIA

The inspection shall show that the requirements outlined have been complied with.