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WBS TEST & ACCEPTANCE CRITERIA PD.

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Sheet 1 of 1

TEST CODE SHEET

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

Impact.

2. **BYELAW REQUIREMENT FOR FITTINGS**

Byelaw 52

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

THE COVER OF A ONE PIECE GLASS FIBRE REINFORCED PLASTICS CISTERNS FOR COLD WATER STORAGE UP TO & INCLUDING 25000 LITRES

(A) **ONE PIECE GLASS FIBRE REINFORCED PLASTICS CISTERNS** (Derived from BS 7491: Part 1 & 2)

TEST METHOD

Place and support the cover of the cistern on a flat, level base. Strike the cover with a 25mm (± 1mm) diameter hemispherically ended striker of mass 1.0kg (± 0.1kg) falling freely from a height of 0.5m (±0.01m). The striker shall be so arranged as to hit the cover at its mid-point. Make three other impacts as close to the edges or corners as is practical. The shape of the striker shall be such that only the surface of the specified hemisphere comes into contact with the cover. Observe and record if the panel suffers any cracking.

NOTE For cisterns below 500 litres, repeat the above test on the side and base of the cistern.

5. **ACCEPTANCE CISTERN**

There shall be no visible indication of damage i.e. cracking to the test area as a result of the above test.