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WBS TEST & ACCEPTANCE CRITERIA PD.

Issue No: 4
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TEST CODE SHEET

Sheet 1 of 1

1. TYPE OF TEST(S)

Deformation

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.....

Byelaw 80

Every flushing cistern or troughshall be indelibly marked on the inside with a line indicating the water level at which that cistern or trough operates.....

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

Note Unless stated otherwise the temperature of the test fluid shall be $20 \pm 10^{\circ}\text{C}$.

4.1 Tests applicable to the following fittings:-

CISTERNS, WC FLUSHING

- rubber compound and plastics, manual, high and low level (including close coupled)

(A) **WC FLUSHING CISTERNS**, 7.5l max. flush capacity. (Derived from BS 7357:1990, Section 2, Clause 5, Appendix A)

(B) **WC FLUSHING CISTERNS**, nominally 9l flush, or dual flush 4.5 l or 9l. (Derived from BS 1125:1987, Section 2, Clause 5, Appendix A)

TEST METHOD

Distortion Test

Fasten the cistern, complete with its fittings and cover, by its normal fixing devices to a solid background. Fill the cistern with water at ambient temperature to the marked water line.

Dead Load Test

Apply a dead load of 23kg +0 -200g, 6mm \pm 2mm from the end of the operating lever arm for a time of 30 \pm 5 seconds.

5. ACCEPTANCE CRITERIA

Distortion Test

The cistern shall not bulge more than 6mm and the cover shall not be dislodged.

Dead Load Test

The cistern shall not distort to such an extent that any part becomes detached.