### WRc Evaluation & Testing Centre Ltd

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WBS TEST & ACCEPTANCE CRITERIA PD.

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#### TEST CODE SHEET

#### 1. $\underline{\text{TYPE OF TEST(S)}}$

Deformation

# 2. BYELAW REQUIREMENT FOR FITTINGS

### Byelaw 52

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

# 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, URINAL FLUSHING

- automatic, rubber compound and plastics

### (A) AUTOMATIC FLUSHING CISTERNS FOR URINALS (RUBBER COMPOUND AND PLASTICS)

# **TEST METHOD**

Distortion and dead load test. Fasten the cistern, complete with its fitments and cover, by its normal fixing devices to a solid background. Fill the cistern with water to the normal maximum level just before the cistern siphonic apparatus operates, measure the distance between the centrelines of the front and back of the cistern. After a period of 10 minutes  $\pm$  30 seconds take the measurement again.

# 5. <u>ACCEPTANCE CRITERIA</u>

Upon completion of the test the cistern shall not bulge more than 6mm. There shall be no overflow from the cistern or any other visible signs of leakage and the cover shall not be dislodged.