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WBS TEST & ACCEPTANCE CRITERIA PD.

Issue No: 1  
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TEST CODE SHEET

Sheet 1 of 1

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

Endurance.

2. **BYELAW REQUIREMENT FOR FITTINGS**

Byelaw 52

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

Byelaw 87

..... every draw-off ..... shall - (a) be capable of operating effectively at (I) any water pressure to which it is likely to be subject; and (b) be made and designed so that it may be easily closed to shut off the flow of water; and (c) if it incorporates a renewable seal or washer, be made of adapted so that the seal or washer can be readily removed or replaced.....

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:-

**TAPS, SELF -CLOSING** with metal bodies.

(A) **SELF-CLOSING TAPS WITH METAL BODIES** (Derived from EN 816)

TEST METHOD

Fit the tap to be tested onto the automatic test rig in accordance with setting up procedure IGN 1-50-51. The water supply shall be between 2 bar and 4 bar and at the maximum flow possible for the fittings under test. Two separate taps shall be tested, one supplied with cold water and the other with hot water at  $60 \pm 5 - 0^{\circ}\text{C}$ . Commence the openings and closing operations as follows:-

- a) Fully depress the operating member to open.
- b) Release the operating member and allow it to close naturally.
- c) Allow the tap to remain in the closed position for 5 seconds.

This constitutes one cycle. The taps shall be tested for a total of 210,000 cycles.

5. **ACCEPTANCE CRITERIA**

Upon completion of testing the tap shall satisfy the watertightness requirements of Test Code Sheet 1111.1.