

Test Code Sheet Number	4	0	0	1	12
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WRAS TEST & ACCEPTANCE CRITERIA

Issue No: 1
Date of issue: June 2010

Sheet 1 of 1

TEST CODE SHEET

1. TYPE OF TEST(S)

Endurance.

2. REGULATIONS REQUIREMENT FOR FITTINGS

Regulation 3(2) No water fitting shall be installed, connected, arranged or used in such a manner that is causes or likely to cause –

(i)Waste, misuse, undue consumption or contamination of the water supplied by the water undertaker

Regulation 3(3) No water fitting shall be installed, connected, arranged or used which by reason of being damaged, worn or otherwise faulty, causes –

i)Waste, misuse, undue consumption or contamination of the water supplied by the water undertaker

Regulation 4(1)

Every water fitting shall –

(a) Be of an appropriate quality and standard;

(b) Be suitable for the circumstances in which it is used.

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

3.1 Fittings with ‘kitemarks’ which are deemed to satisfy the requirements of regulations are listed in the directory.

4. TEST PROCEDURE

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

4.1 Tests applicable to the following:-

TAPS, with metal or plastic bodies for use with catering boilers and water dispensers, storage fed.

(A) TAPS WITH METAL OR PLASTIC BODIES (Derived from TCS 1211.7)

TEST METHOD

The fitting shall be installed in a suitable rig and subjected to 210,000 operations whilst being supplied with water at the claimed maximum operating pressure (+ 0.1 bar -0) and at a temperature as follows: -

- i) when designated as a ‘cold water fitting’ only – test water temperature shall be $20 \pm 10^{\circ}\text{C}$.
- ii) when designated as a ‘hot water fitting’ – test water temperature shall be $+ 5 -0^{\circ}\text{C}$ of the maximum operating temperature
- iii) when designated for ‘hot and cold water use’ two valves shall be tested, one as a cold water fitting and the other as a hot water fitting as detailed in (i) and (ii) above.

OPERATION

- a) Fully open the tap and keep it in the open position for 2 seconds
- b) Release the operating member and allow it to close naturally.
- c) Allow the tap to remain in the closed position for 2 seconds.
This constitutes one operation

5. ACCEPTANCE CRITERIA

Upon completion of the endurance test the tap shall satisfy the water tightness requirements of Test Code Sheet 1111.1 with a test pressure of 1.5 x maximum operating pressure and test temperature of $20 \pm 10^{\circ}\text{C}$.