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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)

Torque - backnuts

2. BYELAW REQUIREMENT FOR FITTINGS

Byelaw 52

Every water fittings 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; (b).....stress.....

Byelaw 87

Every draw-off tap.....shall.....(b) be made and designed so that it may be easily closed to shut off the flow of water.....

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:-

TAPS, draw-off
- all types, metal and plastics.

(a) DRAW-OFF TAPS, WITH METAL OR PLASTIC BODIES

TEST METHOD

Apply a torque of 25 ± 1 Nm to tighten the backnut against the stainless spacer on the tap shank.

NOTE The stainless steel test spacer shall be 54mm outside diameter minimum x 20mm thick with a circular hole of the following dimensions:

for 1/2 taps 32mm
for 3/4 taps 38mm

Tightening shall be by means of an open ended spanner that is a snug fit on the flats or ribs.

5. ACCEPTANCE CRITERIA

The fittings shall withstand the applied torque with no permanent damage that will affect the efficiency of the assembly. The backnut shall withstand the applied torque without slip, deformation or damage to the spanner flats or ribs which would prevent the nut from being removed and replaced.