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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 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; (b).....stress.....

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

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:-

FLOAT OPERATED VALVES - all types
- all materials

(A) **FLOAT OPERATED VALVES, ALL TYPES, ALL MATERIALS** (Derived from BS 1212: Part 3, Appendix A)

TEST METHOD

Using a spanner that is a snug fit on the flats or ribs of the backnut, apply a torque of 15 ± 1 Nm in tightening the backnut against a stainless steel space (as specified in TCS 1315.4) on the inlet shank of the float operated valve.

5. **ACCEPTANCE CRITERIA**

The fittings shall withstand the applied torque with no permanent damage. There shall be no sign of visible distortion of the threads. 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.