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WBS TEST & ACCEPTANCE CRITERIA PD.

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TEST CODE SHEET

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

Torque - Connection and Disconnection

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**

There are no British Standards covering this test.

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:-

FITTINGS FOR USE WITH TUBE AND PIPE

- compression, all types, all materials

(A) **ALL COMPRESSION PIPE FITTINGS**

TEST METHOD

The fitting shall be assembled and a tightening torque applied as specified by the manufacturer's assembly instructions. If the manufacturer does not specify a tightening torque, the fitting shall be assembled with the appropriate tube or pipe and a tightening torque applied as specified below:

Fittings for pipe or tubes up to and including 12mm nominal bore	10 ± 1Nm
Fittings for pipes or tubes above 12mm and up to and including 28mm nominal bore	25 ± 1Nm
Fittings for pipes or tubes above 28mm nominal bore	40 ± 1Nm

5. **ACCEPTANCE CRITERIA**

The fitting shall withstand the applied torque with no permanent damage that will affect the efficiency of the assembly. There shall be no damage to the threads of either the body or the nut of the fitting, or to the flats or ribs of the nut which will prevent the joint from being disassembled and then re-assembled. The fitting shall be capable of meeting the acceptance criteria of Test Code Sheet 1113.1 upon completion of this test.