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WBS TEST & ACCEPTANCE CRITERIA PD.

Issue No: 3  
Date of issue: March 1998

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TEST CODE SHEET

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

Consumption

2. **BYELAW REQUIREMENT FOR FITTINGS**

Byelaw 88

(1) Except as specified in paragraph (2), no.....tumbler drier.....shall be connected to any supply or distributing pipe to which water is supplied by the undertakers. (2) Paragraph (1) shall not apply to prevent the connection of-.....(c) a tumbler drier incorporating a water spray which uses not more than 20 litres of water for every kilogram of dry load.....

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

There are no British Standards covering this particular requirement at present, but the test procedure specified below incorporates the textile material load specification of BS 3456 Part 102 Section 102.7 Clause 2.2.30.

3.1 Fittings with 'kitemarks' which are deemed to satisfy the requirements of byelaws are listed in the directory.

4. **TEST PROCEDURE**

Tests applicable to the following fittings:-

**TUMBLER DRIERS - INCORPORATING A WATER SPRAY**

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(A) **TUMBLER DRIERS - INCORPORATING A WATER SPRAY**

TEST METHOD

Weigh out a quantity of dry textile material in the form of (a) pre-washed double hemmed cotton sheets, having dimensions of approximately 70cm x 70cm and a mass between 140 and 175g/cm<sup>2</sup>, or (b) pieces of cloth having an area between 4800 and 5000cm<sup>2</sup>, with one side of at least 55cm

The quantity of textile material shall have a mass in the dry condition equal to the maximum mass specified by the manufacturer, and this shall then be totally immersed in water at ambient temperature for at least 30 minutes.

At the end of this period the textile material shall be removed from the water, wrung by hand to remove excess moisture and placed in the receptacle of the appliance.

The appliance shall be connected to a suitable water supply at a pressure specified by the manufacturer, equipped with a method of measuring the water consumption of the appliance to an accuracy of ± 3%, and to an appropriate power supply.

Operate the appliance through one full cycle of its maximum water use programme, in accordance with the manufacturers instructions.

Determine the quantity of water used by the appliance in litres.

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**5. ACCEPTANCE CRITERIA**

The consumption of the appliance shall not exceed 20 litres of water for every kilogram of dry load specified in the test method.