

<b>Test Code Sheet Number</b>	<b>2</b>	<b>2</b>	<b>1</b>	<b>2</b>	<b>8</b>
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WBS TEST & ACCEPTANCE CRITERIA  
PD.JCS

Issue No: 1  
Date of issue: January 1990

TEST CODE SHEET

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

Contamination - vacuum test, including under fault conditions.

2. **BYELAW REQUIREMENT FOR FITTINGS**

Byelaw 11

..... backflow prevention device means .... some ..... water fitting or arrangement of water fittings designed to prevent the backflow or backsiphonage of water .....

Byelaw 23

The inlet pipe of every ion-exchange common salt regenerated type water softener used in connection with a clothes washing machine or dishwasher shall be fitted with ..... some..... effective backflow prevention device incorporated with the washing machine or dishwasher.....

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**

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

4.1 Tests applicable to the following:-

**SPECIAL SAFETY DEVICES FOR WASHING MACHINES, DISHWASHERS ETC.**, where the integral water softener is connected upstream of the air gap or pipe interrupter on the inlet to the machine.

(A) **SPECIAL SAFETY DEVICES FOR WASHING MACHINES, DISHWASHERS ETC**

(Derived from BS 6614 and CENELEC HD274)

**TEST METHOD**

Check, by inspection, that

- (a) the integral water softener in the machine is connected upstream of the type B air gap, or pipe interrupter, on the machine water inlet, &
- (b) if so, that such connection incorporates a special backflow prevention safety device.

If so, carry out the test described in TCS 2212.1.

Damage or remove movable parts, or their supports or guides, or stick them in the most unfavourable position, one at a time, and repeat the test described in 4.3 above.

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**5. ACCEPTANCE CRITERIA**

After the tests described in 4.2 & 4.3 above, the acceptance criteria of TCS 2212.1, paragraph 5.3, shall be met.

**NOTE** Special safety devices shall be so designed that neither wear, nor damage or removal of user accessible movable parts or of their supports or guides, shall cause backsiphonage

Special safety devices shall be so designed that, throughout the lifetime of the machines, the movable parts operate each time the water passes through the device under conditions of normal use.

Moreover failure of any one of these movable parts shall render the machine inoperable or it shall be manifestly evident to the user.