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TEST & ACCEPTANCE CRITERIA

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TEST CODE SHEET

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

Closure - Temperature Conditions

**2. BYELAW REQUIREMENT FOR FITTINGS**

Byelaw 94

Every.....combined temperature and pressure relief valve.....shall

- a) Close automatically after discharging water.
- b) Be watertight when closed.

Byelaw 95

Every unvented hot water cylinder.....which is fitted with a non mechanical safety device shall be fitted with a temperature relief valve which;

- a) Operates or is designed to operate at a temperature not less than 5°C below that at which that safety device operates or is designed to operate.
- b) Closes automatically after discharging water, and
- c) Is watertight when closed.

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

(See Water Supply Byelaws 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-

**VALVES**

- combined thermal and pressure relief valves not including fittings used in unvented hot water systems exceeding 15 litres in capacity.
  - thermal relief valves not including fittings used in unvented hot water systems exceeding 15 litres in capacity.
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(A) **THERMAL RELIEF VALVES AND COMBINED THERMAL AND PRESSURE RELIEF VALVES**

**TEST METHOD**

The inlet of the fitting shall be supplied with hot water with the outlet open to the atmosphere.  
The temperature of the water shall be -5°C of the rated relief temperature in degrees Celcius.

The inlet of the fitting shall be supplied with hot water with the outlet open to the atmosphere.  
The temperature of the water shall be raised until the water discharges from the outlet of the fittings and the discharge maintained for 5 minutes when the temperature shall be decreased to -5°C of the rated relief temperature in degree Celcius and maintained for 15 minutes.

5. **ACCEPTANCE CRITERIA**

There shall be no visible indication of leakage from the outlet.

During the period that the fitting is subjected to 95% of the rated relief temperature there shall be no visible indication of leakage from the outlet.