Water tightness of fittings

2.14 Water fittings are to be watertight and suitable for the prevailing temperatures likely to be encountered within the installation.

Fixing of water fittings

2.15 Water fittings should be adequately supported, the spacing for support being dependent on the material of the pipes.

2.16 Allowance should be made to accommodate any reasonable foreseeable movement, including thermal movement, in accordance with BS EN 806-1, BS EN 806-2, BS EN 806-3, BS EN 806-4, BS EN 806-5 and BS 8558.

2.17 No bend or curve in any pipe shall be made so as to significantly diminish or alter the internal diameter or strength of the pipe in any part.

2.18 Every pipe shall be properly and adequately supported, and shall be laid and fixed so as to avoid sagging, the development of air locks or reverberation.

Stop Valves, Servicing Valves and drain taps

2.19 Draw-off taps, Stop Valves, Servicing Valves and draining taps should be designed so that, where applicable, their seals:

(a) can be readily renewed or replaced;

(b) do not incorporate a loose washer plate;

(c) can be designed and manufactured so that they may be easily closed to shut off the supply of water; and

(d) can be operated at the appropriate water temperature and pressure.

Pressure requirements

2.20 All water fittings should be capable of withstanding an internal water pressure of not less than 1.5 times the maximum operating pressure.

2.21 In determining the maximum operating pressure to which the system is subjected, the increase in static pressure in the following instances should be taken into consideration:

(a) pressure in the supply pipe during night periods when there may be little demand on the system;

(b) pressure caused by pumps in any water supply installation where pumps are installed; and

(c) pressure resulting from static head or building height.

2.22 No water filter, water softener or any other device shall be installed directly in water supply piping or service connections which may cause pressure loss to the customer