

- 4.40 Where the Water Meter is susceptible to regular intermittent supply, the Distribution Company shall specify an appropriate meter that does not account for air volumes, or an approved air-venting device must be installed prior to the meter.

### **Location of water meters**

- 4.41 Locations shall be individually determined by survey of the existing or proposed position of the ground water tank in each plot. Such locations shall be plotted on a scale plan of the sector and the proposed positions of the meter cabinet indicated. The plans shall be submitted to the Distribution Company for approval.
- 4.42 The location of the meter cabinet for each plot shall generally be positioned outside the plot boundary or mounted on the boundary wall at a standardised height for single supplied properties (for example villas), and shall be installed inside the property boundaries for Premises supplied from a common service connection.
- 4.43 Meter locations shall be approved by the Distribution Company and meters should not be installed in any of the following locations:
- (a) inside the customer Premises;
  - (b) inside rooms reserved for other services such as electricity or telephones, garbage rooms, filter rooms, pump rooms; and
  - (c) over the top roof of the building where access is by means other than the main concrete staircases, unless approved by the Distribution Company.

### **Meter installation**

- 4.44 The flanged connection shall be drilled according to ISO 7005-2 raised face. The flange pressure rating shall be as given in the particular specification or data sheet.
- 4.45 A straight length of pipeline shall be provided upstream and downstream of the flow-meter to prevent flow turbulence affecting the accuracy of the flow measurement.
- 4.46 The straight length at the inlet of the Water Meter shall be at least 10 times the meter's nominal diameter, and the length at the outlet shall be at least 5 times the meter's nominal diameter.
- 4.47 The installation of the flow meter shall be such that it is possible to remove the meter at any time and replace it with the appropriate length of spool piece.

### **Setting out**

- 4.48 Prior to final installation and operation of any Water Meter it shall be confirmed by the installer that the pipeline, meter body and fittings are free of debris and potential pollutants.