

actual roof storage capacity shall be sized to meet the requirements of Clause 1.8 above.

- 1.10 The Distribution Company shall decide the specific storage capacity requirement (between maximum and minimum) that the Responsible Person can install in the Premises. The Distribution Company should evaluate the capacity with consideration to the type of supply (intermittent or continuous) and the security of supply in terms of pressure and flow conditions in the area where the Premises are located.
- 1.11 Although the storage requirement shown above is vital for the security of supply, it should be noted that water stagnation is not recommended. This is to ensure water quality in the tanks does not deteriorate due to possible depletion of residual chlorine which may result in microbiological contamination. If water stays inside the tank for more than four days without being used, the tank shall be inspected and the water tested before its use. This should be done in line with the Code of Practice for the Inspection and Cleaning of Customer Water Storage Tanks.
- 1.12 For high-consumption Customers, water storage tank capacity is determined by daily demand, site-specific conditions and Distribution Company policy regarding demand side management.
- 1.13 For high-consumption, non-residential Customers (such as hotels and hospitals) provided with Ground Storage Tanks only, the complete water capacity may be held in the Ground Storage Tank if the Premises are metered prior to the tank's installation, and the Distribution Company has approved the boosting arrangements.

Ground storage tank and roof cistern general requirements

- 1.14 The general requirements are concerned with location, installation, construction material, protection, testing and disinfection of ground and roof tanks.
- 1.15 Diagrams illustrating common connection arrangements for storage tanks are included in Annex D. These are for illustration only. Detailed drawings shall be submitted in accordance with Annex A.

Tank placement and location

- 1.16 The tank shall be located away from any source of pollution, particularly if it is buried in the ground, and properly protected from ingress of foreign objects.
- 1.17 The distance between the tank wall and any part of the wastewater drainage system shall not be less than 1500mm.
- 1.18 Ground or below-ground tanks shall be located as per the Distribution Company's instructions and in a location that will preserve the quality of the water. The tanks shall be placed where there is no industrial, hydro-carbon activity which may result in water contamination.