

- (e) the interior of the tank shall then be sprayed intermittently to ensure its entire internal surface is disinfected;
- (f) safety precautions shall be taken to avoid injury to personnel: these include the provision of the appropriate protective rubber clothing, chlorine gas masks, etc. It is recommended that the pump be placed outside the tank to avoid the additional hazard associated with the presence of carbon monoxide exhaust fumes inside the tank;
- (g) after disinfection, the chlorine solution shall be drained to waste to a location approved by the relevant authorities, or as recommended by the Distribution Company. The tank shall then be flushed and sealed;
- (h) if required by the Distribution Company, the Responsible Person shall arrange to have the water tested at an approved water quality testing facility to ensure the water quality is wholesome; and
- (i) special attention should be taken when high chlorine concentrations and other disinfectants are being used, as they may affect new coatings or linings in tanks and cisterns.

Operation of and maintenance procedure for storage tanks

- 1.53 All tanks shall be operated and maintained by the Responsible Person, to provide wholesome drinking water at all times. Tanks are subject to cleaning and inspection frequency and procedures as stipulated in The Code of Practice for the Inspection and Cleaning of Customer Water Storage Tanks.
- 1.54 Storage tanks above ground and of less than 5000 litres capacity shall be visually inspected by the Responsible Person at intervals of not greater than one year, to ensure that the tank is not leaking and has not suffered physical damage (for example scratches, dents, holes, deformation of any kind) or material degradation (for example, corrosion to glass reinforcement or resin delamination, oxidation of metallic parts) to the tank structure, its fittings and supports, including overflow arrangements. Damage to tanks, fittings and any supports shall be repaired immediately on observation by the appropriate means for that tank type.
- 1.55 Storage tanks in or below ground and not exposed for visual inspection, and tanks greater than 5000 litres in capacity, shall be subject to a static leakage or drop test carried out by the Responsible Person at intervals not greater than one year. Leaks shall be identified and the tank repaired or replaced as appropriate.
- 1.56 All repairs shall conform to best practice in terms of workmanship and materials, and shall conform to manufacturers' recommendations.
- 1.57 Replacement tanks and fittings shall comply with the Water Supply Regulations and its Guide applicable at the time of replacement.