

- 2.2.4.** Cylinder type LPG installations in all new and modified buildings is not allowed. It is the strong intention of Civil Defence to install Centralized LPG systems in all new and modified buildings and developments.
- 2.2.5.** Permission to install LPG cylinders is strictly subjected to approval of Civil Defence based on site and building inspection.
- 2.2.6.** LPG Cylinders shall not be installed indoors.
- 2.2.7.** LPG cylinders and pipe installation or distribution shall not be permitted in the following areas.
- a.** In the ground under concrete flooring within building
 - b.** Under building foundations
 - c.** Within lift shafts and cavity walls
 - d.** In compartments or ducts dedicated for electrical switchgears, transformers or generators, garbage rooms, garbage chutes., refrigeration chambers, cold rooms, air handling rooms and ventilation or air-conditioning ducts.
 - f.** Adjacent to pipes and vessels containing flammable, oxidizing, corrosive and other hazardous liquids and materials.
 - g.** In fire-fighting lobby, fire command centers, smoke stop lobbies, fire pump rooms, fire-fighting water tank rooms, sprinkler control valve rooms, fire fighting riser ducts, areas of refuge, protected corridors, protected staircases, bedrooms and other occupied area etc.
- 2.2.8.** Electrical circuits shall not utilize gas piping or components as conductors.
- 2.2.9.** All electrical connections between wiring and electrically operated control devices in a piping system shall conform to the requirements of **NFPA 70**.
- 2.2.10.** Any essential safety control (in the vaporizer) depending on electrical current as the operating medium shall be of a type that will shut off (fail safe) the flow of gas in the event of current failure.
- 2.2.11.** A warning sign or notice of minimum size of 800mm x 600 mm shall be permanently and legibly displayed at the front of the installation. In Arabic and English conveying, "LPG / HIGHLY FLAMMABLE / NO SMOKING / NO NAKED LIGHTS". Warning sign shall also have Emergency contact number of the LPG Contractor and concerned facility personnel.