

Table 11.4: Piping Distribution requirements for LPG Central Tank installations

ITEMS	LPG PIPING DISTRIBUTION, FILLING AND OTHER REQUIREMENTS FOR LPG CENTRAL TANK INSTALLATIONS
8. ILLUMINATION	<ul style="list-style-type: none"> i. Adequate lighting shall be provided for LPG tank and filling connections to enable night time maintenance and refilling operations. ii. Lighting and installation shall be in accordance with relevant requirements of NFPA 70.
9. FIRE ACCESS	<ul style="list-style-type: none"> i. Clear and Safe access, free from vegetation, shall be provided to and around LPG tanks for fire fighting operations during emergencies.
10. FENCING	<ul style="list-style-type: none"> i. An industrial type, chain-link fencing of 1.8 m height shall be provided around the LPG tank installations. Such fencing shall have minimum of 2 exit gates of 1.2 m width available where LPG tanks are filled within the fenced enclosure. ii. Above ground tanks located near parking lots, vehicle ramps and roads, shall be provided with steel barricades along with fences to safeguard tanks from vehicular accidental collisions. iii. Where above ground tanks are located in areas having towers nearby or facing highrise building balconies shall be protected with mesh covers on top along with fences, to safeguard tanks from flying debris, falling ignition sources and flaming debris.
11. WARNING SIGNS	<ul style="list-style-type: none"> i. 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"

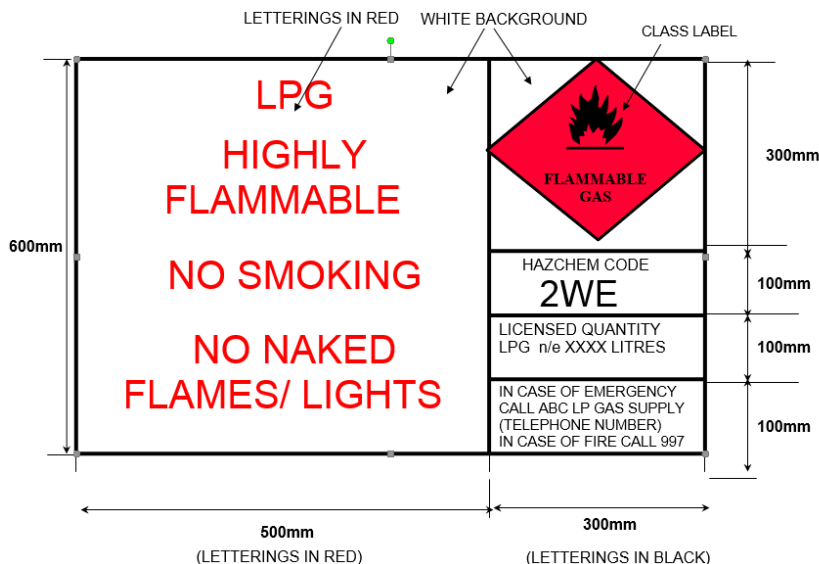


Figure 11.6.: Standard LPG Warning Sign