

- xv. ISO 11119-3, Gas cylinders of composite construction. Specification and test methods. Part 3. Fully wrapped fiber reinforced composite gas cylinders and tubes with non-metallic and non-load-sharing metal liners.
- xvi. UL 147B, Standard for Nonrefillable (Disposal) Type Metal Container Assemblies for Butane.

#### 6.1.4. LPG Cylinder Periodic Inspection

- i. EN 1440, LPG equipment and accessories. Periodic inspection of transportable refillable LPG cylinders.
- ii. EN 14912, LPG equipment and accessories - Inspection and maintenance of LPG cylinder valves at time of periodic inspection of cylinders.

#### 6.1.5. LPG Cylinder Checking before and after filling

- i. EN 1439, LPG equipment and accessories. Procedure for checking LPG cylinders before, during and after filling.

#### 6.1.6. LPG Container Sealing Caps and Plugs

- i. EN 16119, Sealing caps and plugs for LPG cylinder and pressure vessel valves. Specification and testing.

#### 6.1.7. LPG Tanks [Working pressure should not be less than 250 psi (17.57 Kg/Sq. cm) and design storage temperature shall be $-42^{\circ}\text{C}$ to $55^{\circ}\text{C}$ .]

- i. Regulations of the U.S Department of Transportation (DOT), the "Rules for the Construction of Unfired Pressure Vessels", Section VIII, Division 1
- ii. ASME Boiler and Pressure Vessel Code.
- iii. API-ASME Code for Unfired Pressure Vessels for Petroleum Liquids and Gases.
- iv. PD 5500 -Specification for unfired fusion welded pressure vessels
- v. EN 14075, Static welded steel cylindrical tanks, serially produced for the storage of liquefied petroleum gas (LPG) having a volume not greater than 13 m<sup>3</sup> and for installation underground. Design and manufacture
- vi. EN 12542, LPG equipment and accessories. Static welded steel cylindrical tanks, serially produced for the storage of liquefied petroleum gas (LPG) having a volume not greater than 13 m<sup>3</sup>. Design and manufacture
- vii. EN 14570, LPG equipment and accessories. Equipping of overground and underground LPG vessels.
- viii. UL 644, Container assemblies for LP Gas.
- ix. EN 12493, LPG equipment and accessories. Welded steel pressure vessels for LPG road tankers. Design and manufacture.
- x. EN 13445 Unfired Pressure vessel codes

#### 6.1.8. Requalification of (Inspection) LPG Tanks

- i. EN 12817, LPG equipment and accessories. Inspection and requalification of LPG tanks up to and including 13 m<sup>3</sup>
- ii. EN 12819, LPG equipment and accessories. Inspection and requalification of LPG tanks greater than 13 m<sup>3</sup>