

2.5.3. Above ground LPG Tank installation

2.5.3.1. Aboveground LPG Tank installation shall comply with requirements of **Section 2.5.1., 2.5.2., 2.5.3.** and **Section 6.**

Table 11.5: Aboveground LPG Tank Installation Guideline

ITEMS	REQUIREMENTS FOR ABOVE GROUND LPG TANK INSTALLATIONS
1. LOCATION OF ABOVE-GROUND TANKS	<ul style="list-style-type: none"> i. Aboveground LPG Tanks shall be installed on ground, outdoor, open to sky at grade level. ii. Location of the tank shall be such that it is not prone to water flooding, either from rain or from accidental water main leakages. iii. Tanks located on elevation and podium are considered as Roof mounted Tanks and shall comply with Section 2.5.4. iv. LPG Tanks shall not be located within 3 m of dike wall of other flammable and combustible liquids.
2. INSTALLATION OF ABOVEGROUND TANKS	<ul style="list-style-type: none"> i. Aboveground Tanks shall be placed on concrete, masonry or other non-combustible structural supports located on concrete or masonry foundations with the container supports. ii. Such foundations and supports shall withstand loaded Tank weights, wind loads and seismic loads. iii. Where saddles are used to support the container, they shall allow for expansion and contraction and prevent an excessive concentration of stresses. iv. Containers shall be installed on a level surface with bottom of the Tank not more than 300 mm above concrete foundation surface. v. The container shall be secured to the building structure. vi. Saddles or foundations or masonry and supports shall be coated or protected to minimize corrosion. vii. LPG Tanks shall not be stacked one over the other in any arrangements.

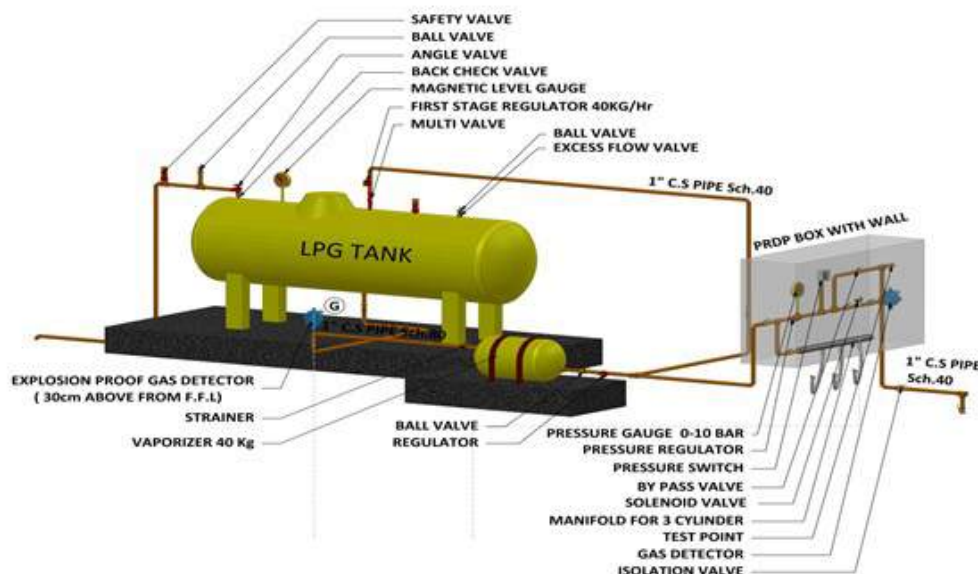


Figure 11.7.: Aboveground LPG Tank installation