

2.4.2. Indoor Cylinders

2.4.2.1. LPG Cylinders installation indoors is not allowed generally. However, if there is no location options available, indoor arrangements are allowed only for residential/ Apartments/ Flats and Villas, where permitted by Civil Defence.

2.4.2.1. Indoor LPG Cylinders shall be installed as per **Table 11.2.** and other relevant sections of this chapter. Material requirements shall be as per **Section 2.3.** and **Section 6.**

Table 11.2: Indoor LPG Cylinder Installation Guideline

ITEMS	REQUIREMENTS
1. LOCATION OF INDOOR CYLINDERS	<ul style="list-style-type: none"> i. Cylinder shall be placed in a ventilated above ground compartment which has at least one external wall. (Compartment should be at the perimeter of the building) ii. Compartment shall be of masonry construction with ventilation on the front side. iii. The floor of the compartment shall be a smooth concrete base (rough surface might cause sparking during loading/unloading of cylinders) containing no opening or drain where vapor may accumulate. iv. Cylinders or cylinder compartments are not allowed on roof, terrace, balconies and basements, unless dedicated stair access and ventilated location is available for such locations and approved by Civil Defence. Where Civil Defence approves such installations, all piping shall be copper tubes or welded steel and no hose connections are allowed. v. Compartment shall not be close to any passageways or exits and shall not cause any obstruction or danger to the occupants during gas leakage or fire.
2. SEPARATION DISTANCES OF INDOOR CYLINDERS	<ul style="list-style-type: none"> i. 1.5 m distance shall be maintained between cylinder compartment to any fire exit route, Exit Doors, Exit Stairs, Windows and openings. ii. 3 m should be maintained between edge of the compartment and any ignition sources/ cooking appliances. iii. 3 m distance shall be maintained from cylinders compartment to any Air intake units, Window type and Split Type AC units, Air vents, Balanced type flue outlets. iv. 3 m distance shall be maintained from cylinders compartment to any parking lot, parking ramp or road. v. 3 m distance shall be maintained between cylinders compartment to Fire Accessways, Assembly points and Fire Truck parking slot. vi. 3 m distance shall be maintained from cylinders to drains, shaft openings, pits, opening to basements, ramp openings. vii. 10 m distance shall be maintained from cylinders compartment to Fire Hydrant.