

Table 11.1: Outdoor LPG Cylinder Installation Guideline

ITEMS	REQUIREMENTS
3. QUANTITY ALLOWED FOR OUTDOOR CYLINDERS	<ul style="list-style-type: none"> i. For commercial usage, maximum quantity allowed is 4 cylinders of 44 kg is allowed in one group in the enclosure. 2 cylinders shall be main and 2 cylinders shall be reserve in a common manifold with isolation valves. ii. For domestic residential usage, maximum quantity allowed is 2 cylinders of 24 kg is allowed in one group in the enclosure. 1 cylinder shall be main and 1 cylinder shall be reserve in a common manifold with isolation valves. iii. Larger quantities, other than allowed above, shall require special approvals from Civil Defence.
4. PROTECTION TO OUTDOOR CYLINDERS	<ul style="list-style-type: none"> i. Cylinders shall be installed in louvered steel enclosures and locked against tampering and accidental damage. ii. Cylinders located near parking lots, vehicle ramps and roads, shall be provided with steel barricades along with enclosures to safeguard cylinders from vehicular collisions.
5. VENTILATION	<ul style="list-style-type: none"> i. Cylinder enclosure shall be with louvers for ventilation. The total free area of the vents provided shall be at least 50% of the front side of the enclosure.

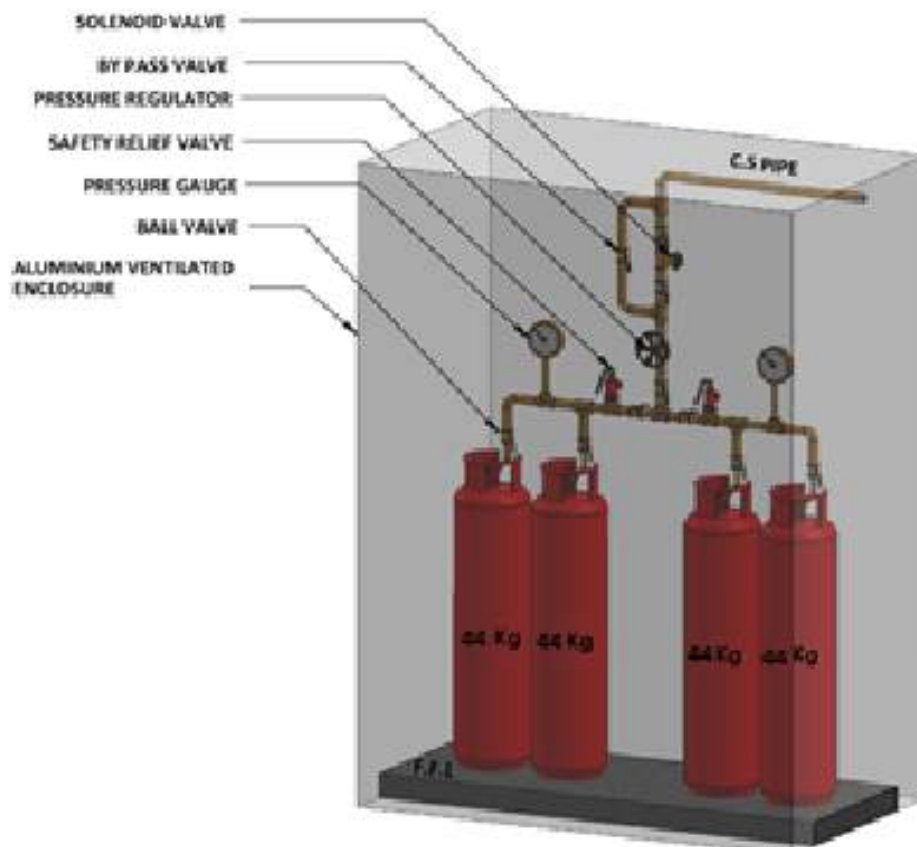


Figure 11.2: Outdoor LPG Cylinder Maximum Quantities