

## Smart Heating EA Ltd: LPG Cylinder Safety Guide In Line with Liquid Gas UK CoP 7

LPG (Liquefied Petroleum Gas) is an efficient and versatile fuel source, but storing and handling it incorrectly poses serious risks. This guide helps domestic and commercial users safely store LPG cylinders in accordance with Liquid Gas UK's Code of Practice 7 (CoP 7), while reflecting Smart Heating's commitment to safety, integrity and professionalism.

### Key Safety Principles for LPG Cylinder Storage

#### 1. Location and Ventilation

- Store cylinders **outdoors in a well-ventilated area**.
- Ensure the area is **away from building openings**, drains and basements.
- Never store cylinders in cellars, under staircases or in unventilated sheds.

#### 2. Positioning and Stability

- Always keep cylinders **upright** and on a **firm, level, non-combustible base**.
- Secure cylinders to prevent falling or rolling.
- Avoid stacking cylinders on top of each other.

#### 3. Separation Distances

- Maintain safe distances from:
  - Buildings
  - Boundaries
  - Ignition sources
  - Open drains

(Refer to CoP 7 for exact minimum separation distances depending on cylinder size and quantity.)

#### 4. Fire and Ignition Risks

- Keep cylinders away from naked flames, electrical equipment, vehicles and flammable materials.
- Display "**Highly Flammable Gas**" signage.

#### 5. Security and Access

- Restrict access to authorised personnel only.
- Ensure the area is easily accessible for emergency services.
- Fit locks or barriers where appropriate.

#### 6. Inspection and Maintenance

- Check cylinders regularly for rust, leaks, damage or corrosion.

- Ensure regulators, hoses, and valves are in good condition and compatible.
- Replace damaged or expired equipment immediately.

## **7. Emergency Preparedness**

- Have a **clear emergency plan** and make sure all personnel are briefed.
- Ensure fire extinguishers and first aid equipment are available and regularly maintained.

## **Your Safety Partner: Smart Heating EA Ltd**

We don't just work with gas – we work with care. Our Gas Safe registered engineers provide:

- LPG system design and installation
- Storage area risk assessments
- Compliance checks in line with CoP 7
- Ongoing servicing and maintenance

## **Need a Site Visit or Compliance Check?**

Call us on [07990665002](tel:07990665002) or email [anthony@smartheatingea.co.uk](mailto:anthony@smartheatingea.co.uk) to speak with a qualified engineer.

## **Resources**

- [www.gassaferegister.co.uk](http://www.gassaferegister.co.uk)
- [www.liquidgasuk.org](http://www.liquidgasuk.org)

**Stay safe. Stay compliant. Choose Smart Heating EA Ltd.**