



Guidance for the safe use of LPG (Liquid Propane Gas)

The user of the LPG (ie the person operating the site) does have responsibilities in relation to the following:

1. Siting of the LPG cylinders and equipment
2. Ventilation and conditions around the cylinders and equipment
3. Security of equipment, cylinders and associated pipework
4. Impact protection – other on site traffic both vehicular and pedestrian
5. Emergency arrangements - Appliances must NOT be located to endanger emergency escape routes from the unit.
6. Have adequate ventilation for the type of appliance

Siting of Cylinders

Do not store cylinders any closer than 2 metres from un-trapped drains, unsealed gullies or openings to cellars. This is because LPG is heavier than air and if a leak were to develop from the cylinder or its controls or pipework or when it is being filled then the vapour could accumulate in an un-trapped drain or gullies. Ignition of these vapours could then lead to fire/explosion.

Cylinders should also be sited out of directly sunlight and as far away as is possible from other heat sources.

Do not store or use cylinders in cellars or below ground level. LPG is heavier than air and if there is an escape the gas will collect at low level, can be an asphyxiate, and can become dangerous in the presence of a source of ignition including flames or sparks. For the same reason;

Cylinders should be used and stored in the upright position

Cylinders should be stored in well ventilated places away from sources of heat, ignition sources and readily ignitable materials

Cylinders should be stored outdoors, away from buildings entry/exit points and features such as drains

Cylinder must not be kept near to any corrosive, toxic or oxidant material

No one should smoke, use electrical equipment, mobile phones or park vehicles near the cylinders.

'No smoking' and other signs should be clearly displayed and maintained.

The cylinders should be protected from unauthorised access to reduce the chance of intentional or accidental interference.

GAS LEAKS

If a gas leak is suspected...Inform everyone in the area, asking them to extinguish or turn off everything that may ignite the gas.

DO NOT OPERATE ELECTRICAL SWITCHES, THEY MAY GENERATE SPARKS.

Open any doors or windows, close cylinder valves and take cylinders into the open. If a large amount of gas has escaped, evacuate the area and call the Fire Brigade on 999

Any problems please call 01789 491133