

3Gas Safety Alert

Liquid Petroleum Gas (LPG) Safety

The storage of these LPG cylinders and cookers within buildings could pose a threat to the health and safety of occupants.

This Safety Alert will provide additional information everyone and enable them to be better informed on a number of safety issues regarding this product.

It is foreseen that potential problems could arise with the security of the cylinder, potential explosive atmosphere from escaping gas and the specific storage location of the cylinder in cases of emergency situations arising.

Following are some standard safety considerations for storing and handling LPG.

General information: - Liquid Petroleum Gas (LPG) is a gas drawn from the oil refinery industry collected, processed and compressed into a liquid form, the vapour is then drawn off inside the gas cylinder for use in various applications including fuel for heating purposes. The gas is heavier than air and if there is a leak in any gas couplings, fittings or hoses the gas will tend to collect in low points creating a potentially fire or explosive situation. LPG cylinders come in a number of different sizes and colours such as dark blue, white and silver with various size and types of couplings and all must be formally pressure checked and stamped by a registered examiner every 10 years prior to use.

Inspection and care: - The cylinder must be kept in good repair at all times, by regular inspections of the cylinder to determine that it is free from any damage such as rust and it should be housed

appropriately away from damp surface such as concrete floors. The barbecue and cylinder should be kept clean by ensuring that it is wiped down and excess fat and grease is removed prior to storage and all covers are replaced.

The gas regulator is to be located as close as possible to the cylinder and the coupling between the regulator and the cylinder should be checked after initial connection to ensure it is not leaking gas. This can be done by applying a mixture of soapy water over the connection site and checking for bubbles to confirming a gas leak.

Storage of the cylinder: -

- Keep cylinder valves closed when not in use and fit and tighten the plug to the cylinder valve internal thread.
- Inspect the cylinder on a regular basis to ensure it is in good condition free from rust and housed appropriately
- Ensure the cylinder is stored in an area that is adequately ventilated
- House the cylinder in a secure location and provide protection against falling, damage and excessive temperature rise
- Provide separate storage for LPG away from any oxidizing gases by at least 3m.
- Use the BBQ only in a well-ventilated area

DO NOT

Store the cylinder in close proximity to an ignition source, or in locations that could jeopardize escape from the building in the event of fire.