

# Butane Cylinder Safety

## Safety Tip Sheet

### The Regulator:



Flogas Butane gas cylinders must be fitted with either a 20mm or 21mm 'Clip on' Regulator. Cylinders coloured Blue use a 20mm regulator whilst those coloured yellow/gold use a 21mm regulator. The regulator must be attached directly to the cylinder, being fitted and operated according to the manufacturer instructions.

The regulator has been pre-set by the manufacturer to control the pressure of the gas supply and must not be tampered with or adjusted.

If a regulator shows signs of wear, it should be replaced before further use. Regulators should be marked with the British or European Standard they were manufactured to (BSEN 12864 or BS 3016).

### The Flexible Hose

Flexible Hose must be in good condition and should be checked before use.

Replace any hose which shows signs of wear, cracking or damage before use. Only hoses clearly marked as 'High Pressure LPG' dated and certified to BS 3212 or BSEN 1763 must be used.



Keep hose lengths as short as possible and they must be secured with proper hose clips.

**Hoses must be kept clear of hot surfaces at all times.**

### Be Safe when using Flogas Butane Gas:

- **Always** treat Butane gas cylinders with care to ensure they do not get damaged.
- **Always** use cylinders in an upright position, never lay them on their side.
- Return empty Butane gas cylinders to your nearest Flogas stockist, or when you no longer require it.
- Please **be careful** when lifting a cylinder, they may be heavier than you expect and always use the hand holds at the top. A full cylinder will weigh approximately twice the contents weight shown on the cylinder.

- **Always** read the instructions and labels provided with your cylinder and appliance and keep them available for future use.
- It is **important** that your appliance is kept clean and regularly serviced by a competent 'Gas Safe' registered person.
- Butane gas cylinders **must only** be used where there is an adequate supply of fresh air into the room for the appliance to burn correctly. If the room the appliance is in becomes 'stuffy' open doors and windows immediately to let in fresh air.
- **Always** ensure that the appliance is switched off and cool before attempting to connect or change a Butane gas cylinder, and preferably exchange cylinders outdoors.

### Stay Safe when using Flogas Butane Gas:

- **Always** keep Butane Gas cylinders from over heating. Do not let excessive heat or flames impinge on the cylinder.
- **Always** check that the flames go out when the regulator is turned off and before attempting to disconnect a regulator from a cylinder. If the flames do not go out, leave the appliance alight and call your local Flogas retailer.
- LPG cylinders **must not** be stored or used in cellars or below ground level.
- **Keep** access to your cylinders unobstructed.
- Make sure you have the correct Regulator for your cylinder, **do not** try and force a regulator of one size on to a cylinder's valve of another size.
- LPG is heavier than air and if allowed to escape the gas will collect at low levels. In high concentrations LPG can asphyxiate, and can become dangerous in the presence of a flame or spark.



- LPG cylinders should **not** be stored any closer than 2 metres from un-trapped drains, gullies or openings to cellars.
- **Never** modify your gas appliance or let unqualified people tamper with or service your appliance.
- If you are unsure on any aspect of your Butane Gas installation always ask your Flogas retailer for advice.

### Emergency Advice.

In the unlikely event that you suspect or detect an escape of LPG, you should take the following action:

- If safe to do so; **turn off** the gas at the cylinder, and turn off the appliances.
- **NEVER** search for a leak with a naked flame.
- **Extinguish** any cigarettes and don't ignite a flame.
- **Do not** operate any electrical equipment, including light switches.
- **Open** all doors and windows if the leak is thought to be inside a property.
- If the leak is inside the property and you're in doubt as to the extent of the leak, **evacuate** everyone from the property.

Should you suspect the leak to be relatively small and on a connection you have recently made, remove the cylinder and appliance outside and **carefully examine** all hoses, pipes and connections. If the leak is not located, re-check there are no sources of ignition in the vicinity and **slowly** turn on the gas supply and **immediately** brush over the connections with a liquid detergent, should there be a leak this will bubble where the leak is located.

If the leak cannot be found or rectified **turn off** the gas supply and ring the **Flogas 24 hour emergency service number** on **08457 200 100** before attempting to re-use the supply.

### In case of fire

Irrespective of the cause of the fire, you should take the following actions:

- **Immediately** raise the alarm and dial the Fire Brigade on 999, making sure you advise them that an LPG (Butane) cylinder supply is situated at the premises.
- **Turn off** the regulator on the cylinder if this can be done without risking your own safety.
- If the fire is close to the cylinders and it is safe to do so try to keep the cylinders **cool** by applying water to them.
- If the cylinder can be safely moved **without risking your own safety** move any cylinders outside.
- **Remove** everyone to a safe distance from the area.



Ring the Flogas 24 hour Emergency Service number on **08457 200 100**