

- 11 If gas has escaped from a burner due to a failure to light, allow the gas to disperse before any further attempt is made to light it.
- 12 If there is any smell of gas after ignition turn off the gas at the cylinder immediately and investigate.
- 13 If the burner flame dies down or goes out, turn off the gas at the cylinder immediately and investigate the cause before re-lighting.
- 14 On boilers or cauldrons always position the LPG containers in use at least 3m (10 ft) from the burner equipment.
- 15 Position the boiler or cauldron, the hose and the gas container away from areas where damage from passing wheelbarrows, persons etc.
- 16 **ENSURE** the hose is not twisted and does not pass under the boiler.
- 17 **DO NOT** use the equipment in close proximity to combustible materials.
- 18 **DO NOT** use the equipment in a badly ventilated area where fumes can build up.
- 19 Equipment that develops a fault should be taken out of service immediately.
- 20 **CHECK** that there is adequate ventilation in the space where the burners are situated.
- 21 There should be easy access to the cylinder valve at all times.
- 22 When more than one gas container is being used with one appliance the correct manifold must be used. All cylinder valves should be kept open during operation.
- 23 Cylinders will frost up during long periods of work on cold days. **DO NOT** attempt to heat them however bad the frost.
- 24 **DO NOT** tow or transport a boiler or cauldron with the burner alight.
- 25 **DO NOT**, under any circumstances, allow water to get into the hot tar.
- 26 The boiler or cauldron must not be allowed to boil over. Should this occur, turn the cylinder valve off and remove it to a place of safety if necessary.
- 27 Always have dry compound fire extinguishers available. **DO NOT** use water.
- 28 **DO NOT** leave the boiler or cauldron unattended with the burner alight.
- 29 Turn off the valves on both the cylinder and the equipment after use.
- 30 **DO NOT** attempt repairs. Contact the Hire Company.

THE LIQUID PETROLEUM GAS (LPG) CYLINDERS

- 31 Store empty and full containers not in use in a cool place away from flammable materials and preferably at least 6m (20 ft) away from the boiler or cauldron. Only minimum amounts should be kept on site.
- 32 **DO NOT** store LPG below ground level or within 3 metres of drains, cellars or excavations etc. Both butane and propane will sink to the lowest levels.
- 33 **DO NOT** store (or use) cylinders lying in a horizontal position. It is very dangerous when the liquid leaks or enters the connecting hose.
- 34 Handle cylinders with care to avoid damage to the valves in particular. Use trolleys where possible.
- 35 **DO NOT** use a damaged cylinder, especially if the valve is damaged or bent.
- 36 After disconnecting the cylinder valve, protection caps or plugs should be replaced.
- 37 **In the event of a leakage from a cylinder that cannot be stopped:**
- Move the cylinder to a well ventilated open space free from sources of ignition.
 - Keep the leak uppermost, (usually at the valve) when both moving and leaving the cylinder.
 - The cylinder must be marked faulty and a notice should be displayed prohibiting smoking and other sources of ignition.
 - The area should be barricaded off to prevent access.
 - DO NOT** attempt to dismantle or repair the defective cylinder.
 - Contact the supplier immediately.
- 38 **Procedure in the event of a fire:**
- Call the fire brigade immediately.
 - Evacuate all persons not concerned with fire fighting immediately.
 - Tell the fire officer where all cylinders are in the location of the fire, as soon as he arrives.
 - If it is safe, attempt to turn off any valve that will extinguish the flame. Remove cylinders from the danger area or cool them with water.
 - If the flames cannot be extinguished leave the fire to the fire brigade.
 - If the flames come in contact with a cylinder and neither the flame nor the cylinder can be moved, everybody must evacuate the area immediately.
 - DO NOT** use any cylinders that have been exposed to fire. Return them to the supplier or Hire Company.



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