LPG safety

Checklist for outdoor events

All gas installations must comply with relevant Australian standards. Non-portable gas appliances (even those installed outside or in temporary shelters) must be installed by a licensed gas fitter.

☐ Has all gas work been undertaken by a licensed gas fitter?
☐ Have connection joints been tested with soapy water for gas leakages?
☐ Is there a suitable fire extinguisher available?
☐ Are cylinders secured in an upright position, on a level, non-combustible surface?
☐ Are cylinders in a well-ventilated location?
☐ Are cylinders positioned at least 1.5 m from an ignition source (such as an electric socket or naked flame)?
☐ Is test date not more than 10 years ago on LP gas cylinders?
☐ Are any spare cylinders (i.e. not in use) stored externally?

☐ Do you have clear access to the gas cylinder valve if you need to turn the gas supply off in an emergency?
☐ Are supply hoses from cylinder to appliance in good condition (without kinks or abrasions)?
☐ Do the hoses pose a trip hazard?
☐ Have all appliances been approved and do they display a certification badge?
☐ Are appliances secured against falling or tipping?
☐ Are appliances clear of combustible/flammable materials (such as cardboard, oil containers, wall partitions)?
☐ Are ring burners secured (or fixed) to a stable, non-combustible base?
☐ Do you have operating instructions for the use of all appliances?

If in doubt about what to do, contact a licensed gas fitter.

If a gas leak is suspected:
• Turn off gas supply at the appliance.
• Turn off the cylinder.
• Do not use ignition sources (such as mobile phones or lighters).

In an emergency—telephone 000.
Examples of ventilation
Examples of the minimum ventilation needed when using gas appliances in a ‘quasi’ outdoor situation.
Outdoor areas must be well ventilated when using gas.
These images show that having two sides of the tent/shelter open ensures good cross breeze and ventilation in a quasi-outdoor situation.

Hazardous area
No ignition sources are to be used within these hazardous areas of a cylinder.
Do not use an ignition source within these distances around a gas cylinder.

Clearances from burners
Burners (such as hotplates and deep fryers) should not be placed near combustible surfaces. Use these clearances as a guide to how far away to keep combustible materials.

Note: This is not a complete guide to LPG safety and compliance. For more information, visit www.dnrm.qld.gov.au or contact the Petroleum and Gas Inspectorate at gassafe@dnrm.qld.gov.au. Other legislative requirements may apply in relation to matters such as food safety and general workplace health and safety.