

### What are the hazards and how might they harm?



Back and muscle strain  
from manual handling



Asphyxiation from  
leaking CO<sub>2</sub>



Injuries from explosion

### What other precautions should be taken?



**Danger**  
Flammable liquid



**No smoking**



**No naked lights**

Display signage  
stating “Flammable  
Liquid. No Smoking.  
No Naked Lights”  
where LPG cylinders  
are stored or used.

### Safety Task Card

## Storage and use of LPG cylinders

# STCCS 36

Unit Managers – use page overleaf to list any hazards and control measures specific to your site which are not listed below

### Safe System of Work

1. Vehicles, electrical equipment, bonfires, waste materials or other sources of ignition must not be allowed or be stored near LPG cylinders. The only exceptions are items of equipment designed for use with LPG, for example gas fired barbecues.
2. Suitable trolleys or sack trucks should be used to avoid manual handling when moving any large capacity cylinders.
3. LPG cylinders should always be sited on a level, hard standing surface.
4. LPG cylinders should be located securely and away from general public access.
5. Signage should be applied, stating “LPG, flammable gas, no naked flames/ no smoking”.
6. Pipework and flexible hoses must be protected from accidental damage and be properly supported from cylinders to the point of use.
7. Always familiarise yourself with the location of the main gas isolating valve.
8. Ensure that the area where LPG gas is being used is well ventilated and that if LPG is used in a marquee or other temporary structure, wall extract fans are provided above gas equipment for ventilation.
9. Where gas equipment has to be lit manually, a taper must be used. The taper must be lit and presented to the burner at arms length immediately when the gas is turned on.
10. If the appliance fails to light, ventilate the equipment for at least 3 minutes before attempting to light it again so that any residual gas has had time to disperse.

Continued on reverse

**If you have any concerns, stop and speak with your line manager before proceeding.**

List any additional hazards or risks you have identified, and control measures required to manage these.

## Storage and use of LPG cylinders continued

Safety Task Card

STCCS 36

### Safe System of Work

11. If you suspect a gas leak, turn off all gas appliances. Do not turn light switches or electrical on or off and if possible ventilate the room to the outside before vacating the area. Report the suspected leak to your manager.
12. Always check that all gas appliances are turned off at the end of the day where appropriate.

If you have any concerns, stop and speak with your line manager before proceeding.