



Government of **Western Australia**  
Department of **Commerce**  
**Energy Safety**

# Using LP Gas Safely

NO. 070089  
AS2469-2005  
T.M. 8.45 kg  
ENL 8.85 kg  
W.G. 21.00 kg  
T.P. 3.8 MPa  
TEST DATE 01-10



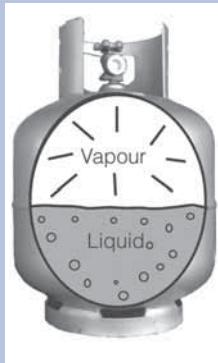
# Using LP Gas Safely

## LP Gas is safe if handled correctly...

- If you own or hire LP Gas cylinders, you should be aware of the basic properties of the gas as well as safe handling and operating principles.
- There is no danger with an LP Gas system that is correctly installed and operated. However, like all other fuels, LP Gas should be treated with care.

## Facts about LP Gas

- When compressed, LP Gas becomes a liquid. When the liquid is released, the pressure drops and the liquid vapourises into a gas. This means that it can be stored and used as a gas.
- When released from the cylinder, one volume of liquid expands to 270 times its volume when reverting to gas.
- LP Gas is about 1.5 times heavier than air. This means that leaking LP Gas will fall to the ground.
- LP Gas is odourised with a distinct smell to assist in the detection of leaks.



## Here are some guidelines

- Cylinders must never be laid down. Always keep cylinders upright. (This also applies during transportation, when they must be well secured).
- Never tamper with a cylinder or valve. If excess force is needed to open or close the cylinder valve, or if the valve is damaged in any way, notify the supplier.
- When any leakage from the cylinder valve is detected, move the cylinder to a safe location at least 20 metres from any sources of ignition and when empty, return to the supplier with a tag attached explaining the fault.
- Ensure that cylinders are always kept away from sources of ignition or heat.
- Only use appliances designed for LP Gas marked with a badge or label to this effect.
- Ensure that gas appliances are only operated in adequately ventilated spaces.
- Ensure that all gasfitting work is performed by a person authorised to do so.
- Dry chemical fire extinguishers are suitable for LP Gas fires.
- In the event of fire, an LP Gas cylinder should be removed from the heat source. If this is not possible, keep the cylinder cool by spraying water on to it. However, if flames are threatening to engulf the cylinder,



the area should be evacuated and emergency services notified immediately.

### Cylinder information

- Cylinders need to be re-approved every 10 years from the date of manufacture or date of re-testing. The date is stamped on the cylinder collar and shows the month and year. For example, 01-10 indicates the cylinder was manufactured or re-tested in January 2010.
- Filling damaged or out-of-test-date cylinders is illegal and can be dangerous.
- Out-of-test-date cylinders must not be filled until tested and re-stamped by a certified gas cylinder test station.

### Advice is available by contacting the following gas suppliers:

Kleenheat Gas	Tel: 13 21 80
Origin Energy	Tel: 13 35 74
Elgas	Tel: 13 11 61

### Notify the following in case of emergency

#### Your local gas supplier

Kleenheat Gas	Tel: 1800 093 336
Origin Energy	Tel: 1800 808 526
Elgas	Tel: 1800 819 783
or	
EnergySafety	Tel: 1800 678 198
Police	Dial 000
Fire Brigade	Dial 000

## **Department of Commerce**

### **Energy Safety Division**

303 Sevenoaks Street (Cnr Grose Ave)  
Cannington WA 6107

Telephone: (08) 9422 5200 Facsimile: (08) 9422 5244

Licensing: (08) 9422 5282

National Relay Service: 13 36 77

Mailing address: PO Box 135 Cannington WA 6987

Website: [www.energysafety.wa.gov.au](http://www.energysafety.wa.gov.au)

Email: [energysafety@commerce.wa.gov.au](mailto:energysafety@commerce.wa.gov.au)

### **Regional offices**

Goldfields/Esperance (08) 9026 3250

Great Southern (08) 9842 8366

Kimberley (08) 9191 8400

Mid-West (08) 9920 9800

North-West (08) 9185 0900

South-West (08) 9722 2888

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