Information about gas bbq bottles from the Elgas web site
www.elgas.com.au

BBQ Safety Tips - LPG Gas Bottles

About LPG Safety

Liquid Petroleum Gas (LPG) is stored in your gas bottle as a liquid. When the cylinder valve is opened some of the liquid boils off as a vapour.

- A strong, distinctive odourant is added to help detect minor leaks quickly.
- LPG is non-toxic, non-corrosive and clean burning, but if you inhale it in sufficient volumes it will cause suffocation.
- LPG is heavier than air, so any leaking gas will flow downwards and collect in low spaces. Without ample ventilation and air movement, it will dissipate very slowly.
- BBQ gas is different from automotive LPG. Never use automotive LPG for BBQ cooking.

Safe Storage of Your Gas Bottle

- It is best to store gas bottles outdoors in a well ventilated space.
- Gas bottles should never be stored indoors.
- Gas bottles should always be stored upright.
- Do not store gas bottles near an ignition source.
- If you store your BBQ or patio heater indoors, when not in use, you should always detach the gas bottle first and store it separately outdoors.

Where to Place Your BBQ for Use

- Adequate ventilation is essential when using a BBQ to allow the gas to burn and burnt gases to dissipate.
- BBQs should never be used near flammable objects.
- BBQs should NEVER be used indoors because of the risk of toxic fumes, smoke or even fire.
- Children should be kept safely away from BBQs and gas bottles.

Transporting Gas Bottles Safely

Avoid transport inside passenger compartment

DO NOT transport loose or laying down

Always keep cool and away from flames, sparks & heat

DO NOT leave LPG bottles in enclose vehicle unnecessarily

Ensure valves are turned off firmly when not in use. Do not over tighten

Maximum two bottles in enclosed vehicles
Checking Your BBQ

The leading cause of BBQ fires is equipment failure, leaks or breaks – these cause over 60% of outdoor fires*

- Use the correct type of hose. Do not make temporary connections. Keep hose gently curved to prevent kinks and damage.
- Cracked or damaged hoses and/or gas regulators should be replaced before use.
- Check hoses to make sure they have not perished by brushing or spraying on soapy water and checking for bubbles.
- Check hoses for blockages, such as spiders, which might have nested inside during winter.
- Check connections to make sure that they are clean and fitting snugly

* Source NFPA Journal 2003

Operating Your Gas Bottle

- Always read the BBQ manufacturer’s operating instructions.
- Keep the gas bottle upright and on a stable base.
- When done using your BBQ, turn off at the gas bottle first and then at the BBQ controls.
- Always turn off the gas bottle valve when you’re not using your BBQ.
- Remember, adequate ventilation is essential.
- Be sure to shut off the bottle valve before disconnecting the bottle from the BBQ, even if you think the bottle is empty.
- A safety valve is fitted to the vapour space to allow automatic relief of any excess pressure due to overfilling, or in the event of a fire.
- Never tamper with the safety valve or other gas bottle fittings. Do not use undue force to open or close the main cylinder valve. If in doubt, consult the supplier.

Emergency Procedures

- If any leakage from the valve of a small cylinder is detected or suspected move the cylinder to a safe location at least 20 metres from any possible source of ignition.
- Keep flames and sparks away.
- Check valve is turned off. Hose with water.
- If it is not possible to stop the leak, keep the leak uppermost so that only gas and not liquid escapes. Keep hands and face clear of any escaping liquid.
- Call SWAP’n’GO® for further advice on 1300 652 003

In an emergency dial 000 for Fire Brigade or Police

How to Swap LPG Gas Bottles

Swap any brand of BBQ gas bottle at any SWAP’n’GO outlet

How it works:

1. Take your empty gas bottle to the cashier for checking and payment and grab the key for the storage cage.
2. Swap your empty gas bottle for a full one from the SWAP’n’GO® storage cage. Make sure the full bottle you take has the yellow SWAP’n’GO seal around the neck so you know that it has been checked for safety.
3. Return the key to the cashier.

What can be swapped?

- You can swap any brand of gas bottle.
- If you don’t have a bottle, you can buy one.
- You can swap a gas bottle which is overdue for testing.
- You can upgrade your smaller bottle to a larger one.
All gas bottles must meet certain safety standards, otherwise you will be required to purchase a replacement bottle. Refer to the Bottle Checklist below to see if your gas bottle is acceptable.

Are you swapping the right bottle?
Check you have swapped the bottle with one of the same type valve

A POL valve (standard)

B CAMPER valve

C Primus External

D Primus Internal

Primes valve types are not supplied as SWAPn’GO bottles. You will need an adapter to connect your primes equipment to a SWAPn’GO valve. Swapping this valve type attracts the purchase charge.

Charge at the bottle sale rate (regardless of brand):

- **Protective Collar**: Bottles with a deformed or missing collar
- **Foot Ring**: Bottles with a missing or badly damaged foot ring
- **Gas Valve**: Bottles with a bent, missing or damaged gas valve
- **Excessive Dents**: Bottles with dents or gouges
- **Excessive Rust**: Bottles with flaking rust pimples, flaking rust sheets or rust pitting
- **Primus**: Bottles with gas valve type C or D (Primus)
PLACES YOU CAN PURCHASE OR SWAP GAS BOTTLES CLOSE TO RMIT
Check the Elgas website for more locations; elgas.com.au

“Swap and go” gas bbq bottle suppliers:

**City campus**

**CONCORDE GPO PTY LTD**
CNR ELIZABETH & BOURKE STS
MELBOURNE VIC 3000

**SIGNATURE COFFEE PTY LTD**
1 COLLINS ST MELBOURNE VIC 3000

**7-ELEVEN MELBOURNE**
29 VICTORIA ST
MELBOURNE VIC 3000

**7-ELEVEN ROYAL MELBOURNE**
45 FLEMINGTON RD
NORTH MELBOURNE VIC 3051

**SAFEWAY PETROL NEWMARKET PLAZA**
CNR DRYBURGH & ARDEN STS
NTH MELBOURNE VIC 3051

**OZ FUELS**
235 FLEMINGTON RD
NTH MELBOURNE VIC 3051

**MOBIL NORTH MELBOURNE**
CNR RACECOURSE & FLEMINGTON RDS
NTH MELBOURNE/FLEMINGTON VIC 3051

**7-ELEVEN RICHMOND**
94 CHURCH ST
RICHMOND VIC 3121

**ARNOLD INOUTDOOR PTY LTD**
112 CUBITT ST
RICHMOND VIC 3121

**7-ELEVEN PT MELBOURNE**
CNR CROCKFORD & PICKLES ST
PORT MELBOURNE VIC 3207

**CAFE VUE**
401 ST KILDA RD
MELBOURNE VIC 3004

**SAFEWAY PETROL ABBOTSFORD**
286 JOHNSTON ST
ABBOTSFORD VIC 3067

**LIBERTY FITZROY**
151 VICTORIA PDE
FITZROY VIC 3065

**FOOD FUEL STOP**
CNR WELLINGTON RD & KEELE ST

**Brunswick Campus**

**7-ELEVEN BRUNSWICK**
CNR SYDNEY & BRUNSWICK RDS
BRUNSWICK VIC 3056

**BP BRUNSWICK**
142 DAWSON ST
BRUNSWICK VIC 3056

**MITRE 10 HANDY BRUNSWICK**
460 SYDNEY RD
BRUNSWICK VIC 3056

**7-ELEVEN BRUNSWICK WEST**
CNR MELVILLE RD HUNTER ST
BRUNSWICK WEST VIC 3055

**INNER CITY GARDEN SUPPLIES P/L**
6 KIRKDALE ST
BRUNSWICK VIC 3056

**LOMOND HOTEL**
225 NICHOLSON ST
BRUNSWICK EAST VIC 3057

**Bundoora Campus**

**PEOPLE’S CONVENIENCE**
41 TASMAN DR
BUNDOORA VIC 3083

**CARBEEN DRIVE MILK BAR**
1 CARBEEN DR
BUNDOORA VIC 3083

**NEILSON MINI MART**
2 NEILSEN CR
BUNDOORA VIC 3083

**SAFEWAY PETROL ST HELENA**
307 DIAMOND CK RD
GREENSBOROUGH VIC 3088

**BP EXPRESS WATSONIA**
47 WATSONIA RD
WATSONIA VIC 3087

**GARDEN GROVE MILK BAR**
2 GARDEN GV
MILL PARK VIC 3082

Information about bbq gas bottle usage, safety and suppliers