



Safe Use of Disposable LPG Cylinders



Electrical and Mechanical
Services Department

Gas Leak

If you smell or suspect a gas leak, you must take the following actions immediately, if safe to do so.

- Extinguish all naked flames;
- Do not use the telephone or operate any electrical switches;
- Turn off the gas supply of the appliance and disconnect the cylinder if possible;
- Remove the appliance outside immediately, in a well-ventilated area without a fire source, where the cause of leak may be detected and corrected;
- Open all windows and doors wide to disperse the gas;
- If the gas leak is serious, or if you are unsure for any reason, leave the premises and notify your neighbours to evacuate, but do not press any doorbells. Leave the building by the stairs, dial 999 to notify the Fire Services Department;
- Do not re-connect the gas cylinder until all necessary steps have been taken to prevent gas from escaping again;
- Do not use the appliance again until it has been checked for safety by the local agent (appliance's supplier);
- In case of abnormal combustion or emergency, turn off the appliance to stop gas flow and then disconnect the cylinder from the appliance.

For further information, please contact the local agent (appliance's supplier). You may also contact the Electrical and Mechanical Services Department on 2882 8011.



This leaflet covers some important aspects of gas safety which the consumer should know when using Disposable LPG (liquefied petroleum gas) Cylinders.

Disposable LPG cylinder means a cylinder which is not constructed or intended to be refilled with LPG after once containing such gas. LPG is pressurized and stored in liquid form in disposable cylinders for a variety of purposes. These include cartridge for cassette cooker, camping/decoration appliances and canister for cigarette lighter refill.

IMPORTANT : LPG leaked from disposable cylinder may form explosive mixture with air and cause serious injuries if not properly handled.

Use Approved Models of Disposable LPG Cylinders

Disposable LPG cylinders used in Hong Kong shall be of a type approved by the Gas Authority in

accordance with Regulation 7 of the Gas Safety (Gas Supply) Regulations, Cap.51.

New regulations have been enacted which prohibit the use of specific disposable LPG containers (without self-sealing valves) to contain LPG from 1 June 1997. Use those models with self-sealing valves which will prevent gas leak from the cylinder when it is removed from the appliance.



Precautions on Storage, Keeping and Handling of Disposable LPG Cylinders

A. GENERAL

- Read and follow the cylinder's warning instructions carefully;
- Check the cylinder for damage and leaks. Consult and return the cylinder to the local agent (supplier);
- Store in a dry, cool and well-ventilated location;
- For commercial premises, e.g. general restaurants, the operators should ensure an adequate system of stock rotation of disposable LPG cylinder (cartridge) is in use to avoid prolonged storage. For reasons of fire safety, the total water capacity of cartridges stored should not exceed 28 litres (about 50 pieces of cartridges);
- Do not carry the cylinders in enclosed areas, e.g. storage compartments of cars;
- Keep the cylinder away from fire or flame;
- Never throw a used cylinder into fire (particularly on barbecue/camp site);
- Handle with care to avoid any strong shock or impact;
- Never refill the disposable cylinder;
- Do not use for human body. Keep out of reach of children;

B. STORAGE IN RETAIL OUTLETS

A Guidance Note GU08 has been prepared as a general guideline for the Operators of Retail Outlets



on the minimum requirements to store and/or display disposable LPG cylinders, where the total aggregate quantity of the cylinders at any one time within a premises is less than 130 litres water capacity (approximately 200 pieces for reference only).

Where the aggregate water capacity of disposable LPG cylinders stored in any premises exceeds 130 litres, prior approval of the Gas Authority for construction and use is required in accordance with Regulation 3 of the Gas Safety (Gas Supply) Regulations.

Precautions on Usage of Disposable LPG Cylinders

A. GENERAL

- Read the appliance's instructions carefully and clearly;
- Follow the procedures in connecting the disposable cylinder to the appliance;
- Do not use a leaking, defective or damaged appliance. Consult and return the appliance to the local agent (supplier);
- Do not use near strong wind;
- Use the disposable cylinder with its designated appliance;
- Use the disposable cylinder with its appliance in a well-ventilated area and away from flammable materials;



- Place the appliance on a horizontal surface and avoid moving it during use;
- Avoid flaring, do not shake appliance while in operation;
- Avoid touching hotter parts of the appliance during and after using;
- Keep children away from the appliance;



- Extinguish all nearby flames, and do not smoke;
- Always fit or remove a disposable cylinder in a well-ventilated area and never in the presence of a naked flame or a source of incandescent heat (lighter, cigarette, electrical appliances, oven or cooker etc.) ;
- Make sure the appliance/cylinder are fitted with sealing washer in good condition before fitting the cylinder onto the appliance. Do not use the appliance if the washer is missing or damaged. Return the appliance/cylinder to the local agent (supplier);
- Check that there is no smell/sound of gas leaking from the cylinder connection;
- Check your gas appliances for proper operation;



B. USE CARTRIDGES WITH CASSETTE COOKER

- Read the instruction "KEEP THIS PART RIGHT UP FOR USE" on the cartridge surface;
- Place the cartridge with the cartridge guide in up-right position;
- Do not use plates, pans which extend over the edge of the cartridge cover;
- Do not use two cassette cookers with the cartridges in parallel;
- Keep flammable materials away from appliances;



Precautions on Replacement of Disposable LPG Cylinders

- Replace a disposable LPG cylinder in accordance with the appliance manufacturer's instructions;

