

GAS INSTALLATIONS & REQUIREMENTS

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Gas Installations

Gas stoves or any other gas installations like gas geysers or gas fireplaces must be installed in accordance with the SABS and SANS (South African National Standards) regulations. An installation certificate must be issued by a SAQCC approved installer.

As per these regulations, gas bottles larger than 19kg must be stored in a well-ventilated separate cage outside the building. The cage housing the containers must be more than 1m away from any window or door and 2m away from any drain.

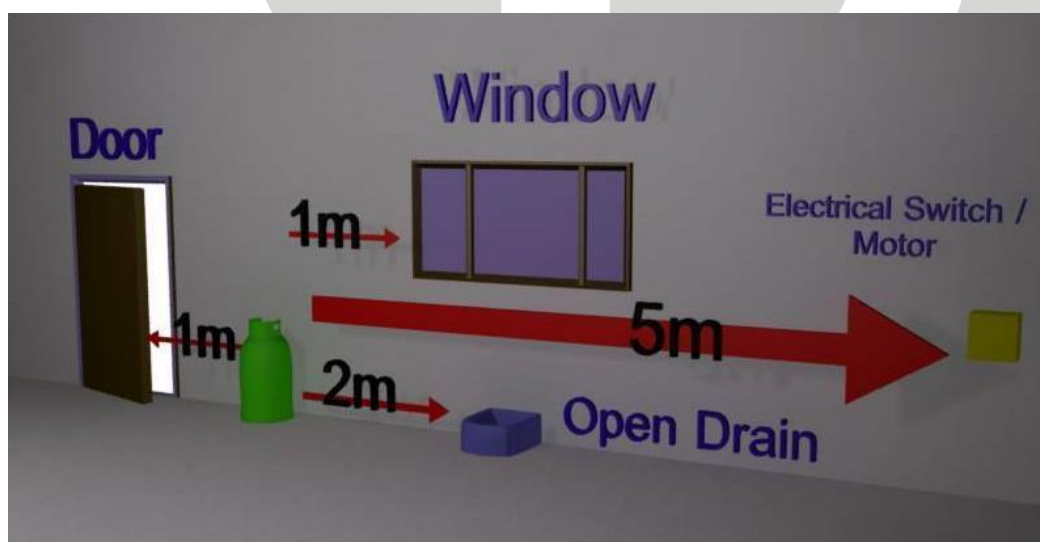
Dangerous gas work can be deadly. Badly fitted and poorly serviced appliances can cause the following gas safety risks:

- Gas leaks
- Fires
- Explosion
- Carbon monoxide poisoning

To ensure your safety and compliance with regulations, only use a registered installer to install, fix or maintain your appliances.

Please note that when it comes to complexes / flats, they are allowed to store gas bottles up to 9KG's inside their premises as long as they still meet OHS and Building regulations requirements. Please see below for further information:

Gas Installation Regulations (SANS 10087)



Indoor Location

Where LPG containers are permanently installed or stored in a building, the type of building (a defined in the relevant part of SANS 10400, see also annex D) and the corresponding size of the container(s) shall be as follows:

- Flats (H3): a maximum of 9kg per flat

Regulations for Gas Installations

Gas bottles must be installed:

- More than 1 metre sideways from doors and windows
- More than 2 metres from drains and air vents
- More than 3 metres below windows (unless a non-combustible roof is installed)
- More than 1 metre from the property boundary wall (unless it is a fire wall)
- More than 5 metres sideways away from a switchable electric point or plug switch;
- Light bulbs cannot be less than 1.5 metres above a gas bottle.

Other Installation Rules:

- Only class 1 or 2 copper pipes, or other approved gas piping, may be used (Note: This is not the same copper piping as used by plumbers)
- Copper pipes going through a wall must be sleeved.
- Approved flexible gas hose may not be more than two meters long and may not go through any partition (including wood, dry wall, cupboard wall etc)
- Gas cylinders must NOT be exposed to heat sources such as direct sunlight and naked flames.
- Gas cylinders must contain [less than 19kg of gas](#) to be stored inside a house.
- Gas cylinders must contain [less than 9kg of gas](#) to be stored inside a flat
- Gas cylinders that weigh 9kg or less may be stacked 2 cylinders high and stored on acceptable, robust shelves constructed of a non-combustive material.

LPGAS Provides the Following Useful Tips Regarding Gas Safety:

- Always use a registered installer – Details of how to check this are mentioned below.
- Always use a qualified gas dealer
- Always use a verified and tested gas product
- Always check the seal on a cylinder matches the brand of the cylinder
- Always check gas appliances before use.

Important Facts to be Aware of:

- Always use a registered gas installer to install, repair and service your gas appliances. On completion of the work, they will provide you with a Certificate of Conformity ensuring that the job was done according to SABS Standards.
- Always ask for the card. Registered gas installers all carry a SAQCC Gas Registration ID Card. This card enables you to identify the installer and details what gas work they are qualified to do.
- Check that your installer is competent to do the work. Not all installers are qualified to carry out all types of gas work. Make sure that you check qualifications on the back of their ID card to make sure that they are competent to work on your appliance.

- Check your appliance before using them. Sometimes we pack our gas heaters away until winter. There are seals that degrade in time. Make sure your appliance is safe before using it by checking the manufacturer's instructions or alternatively, getting a registers installer to check it for you.

For Insurance Purposes You Will be Required to Present the Following:

- The installers certificate for compliance once the installation has been done.
 - A gas certificate of compliance is a document that confirms that the gas installation or appliance in a property, whether it be residential, commercial, or industrial, has been installed, tested, and maintained according to South African National Standards (SANS) safety regulations.
 - These certificates are issued by qualified and registered gas installers and are valid for a period of five years. However, if the property is being sold, the transferring attorneys may request an updated gas compliance certificate that is not older than three months.
 - The client needs to present this certificate to the broker so it can be presented to the insurance company to be place on file.

For further information, please see the below link to SAQCC website for regulations:

<https://saqccgas.co.za/legislation/regulations/>

The above information is extracted from: SAQCC website, the SABS standards information and Builders.co.za