

ANNEXURE A

JANSEBOOM FARMSTEAD GAS APPLIANCES INSTALLATION - STATEMENT OF WORKS

RFQ DESCRIPTION:

APPOINTMENT OF A SERVICE PROVIDER TO SUPPLY AND INSTALL GAS STOVE AND REFRIGERATOR FOR FARMSTEAD, NORTHERN CAPE

Gas Stove and Fridge Installation

The installation of gas stove and fridge shall adhere to Domestic Gas Installations, as governed by SANS code 10087-1:2013. The contractor shall select the location of gas cylinders at the farm.

The SANS standard has a very clear list of minimum distances that MUST be observed when choosing cylinder locations. Gas cylinders must always be at least:

- 1m away from any opening into a building that extends below the level of the container valve (doors, windows, airbricks)
- 2m away from any drain, pit or manhole
- 3m away from the property boundary which is NOT a firewall.
- 3m away from any opening or window directly above the containers.
- 5m away from an electrical (or any) source of ignition (switchbox, DB board, electric motor etc.)
- 2m away from forced draught inlet for air conditioner
- 1.5m below any outdoor lights
- 3m away from combustible materials

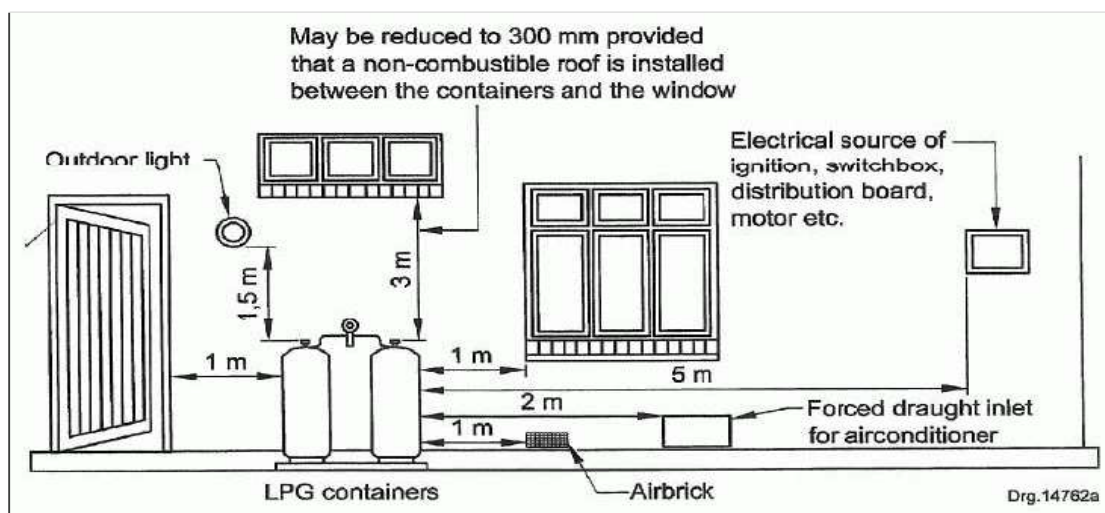


Figure 8: Minimum distances: Electrical, Doors, Windows, and other openings

In some cases making sure that all these minimum distances are adhered to might make it very difficult to find a suitable outdoor location for cylinders at farm. The SANS standard does however allow for a single cylinder up to 19kg to be installed indoors in a cupboard provided that:

- Flexible gas hose does not pass through the solid partition between cupboards

- The cylinder may NOT be installed directly below the appliance (ie hob)
- The cupboard MUST NOT contain any electrical switches or plugs or any other sources of ignition.
- The cupboard must be sealed from adjacent sections.
- The cupboard door must have a ventilation slot at the top AND bottom.
- If the back of the cupboard is on an outside wall, a ventilation hole should also be made to the outside towards the bottom of the cupboard.

The Contractor shall:

- Supply and install a 4 plate gas stove and gas cylinder including connecting pipes, e.g. Defy 4 plate gas stove DSG168 or equivalent.
- Supply and install a gas fridge including connecting pipes, e.g. Refrigerator - GR265D or equivalent.
- Contractor to allow for site commissioning testing of the gas installations.
- Contractor to supply certificate of Compliance, Gas Safety Certificate.

