

APPLICATION FOR APPROVAL OF LP GAS MANIFOLD/STORAGE/FILLING SITES

Any person intending to install or use LP gas in excess of 100kg or use/install LP gas less than 100kg where the gas pipe is to be embedded in the concrete floor shall submit the following plans as prescribed in the National Building Regulations and Building Standards Act, together with the application form for a flammable substance certificate to the Fire and Rescue Service via the Building Development and Planning department.

PLANS AND PARTICULARS REQUIRED

1. Plans, drawings and diagrams shall be drawn to a suitable scale selected from the following scales:

- **Site Plans:** 1:1000, 1:500, 1:300, 1:200, 1:100
- **Layout Plans:** 1:100, 1:50, 1:20

2. Plans, drawings and diagrams are to be clear, legible, dated and signed by the owner.

3. Plans, drawings and diagrams shall be colored as indicated below

4. Site plans shall clearly indicate:

- The boundaries of the site
- The direction of north
- The proposed installation
- The name of the street
- The nearest cross road

SITE PLANS	
Proposed work	Red
Existing work	None
To be removed	Black dotted lines

5. Layout drawings shall consist of as many plans, sections and elevations to show:

- The proposed installation and pipework
- The distance from:
 - other flammable installations
 - all doors, windows and other openings in walls
 - manholes, drains, rainwater channels
- Any flues, chimneys or air conditioning plant
- The positions of all regulators and safety valves
- The position of all fire appliances (4,5kg DCP < 100kg gas)

LAYOUT PLANS	
New masonry	Red
New concrete	Green
New steel	Blue
New wood	Yellow

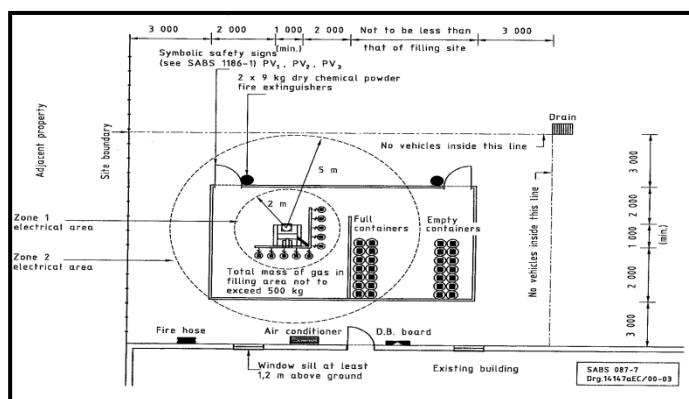
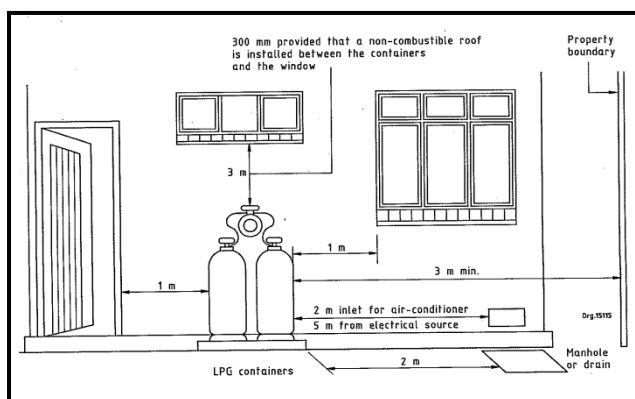
6. Elevation drawing shall clearly indicate the distance from any window, door or other opening in walls near to the installation.

7. A sectional drawing will be required to indicate any underground crossing or piping through the wall.

8. Where LP gas used/stored exceeds 100kg, applicant must apply for a flammable substance certificate.

LP gas installations, storage and filling sites must conform to SANS 10087 and all work must be undertaken by an approved LP gas installer

Should anything be unclear or further assistance be required, please feel free to contact this department or your nearest Fire Safety office.



TYPICAL INSTALLATION ← MINIMUM SAFETY DISTANCES → TYPICAL STORAGE/FILLINGS SITE