

REPUBLIC OF RWANDA



RWANDA UTILITIES REGULATORY AGENCY

GAS DIRECTORATE

LIQUEFIED PETROLEUM GAS: REPORT ON TECHNICAL SPECIFICATIONS

1 GENERAL INSTRUCTIONS

1.1 PURPOSE

This document herein referred to as “Liquefied Petroleum Gas: report on technical specifications” is a form to be filled by LPG operators.

1.2 WHO MUST SUBMIT

All private / government projects involved in LPG operations

1.3 WHEN TO REPORT

The recipients are required to submit the form dully filled within one month following the date of reception. Where necessary, a separate sheet may be used and attached to the form.

1.4 WHERE TO REPORT

Rwanda Utility Regulatory Agency (RURA)

Ex. Fair House, Kiyovu

B.P 7289 Kigali

2 FILLING/RE-FILLING

- Re-filling pressure:
- Mode of display of scales or meters:
- Water content inside the cylinder scale:
- Labeling:
- Refilling lever of LPG in cylinders:

3 STORAGE

3.1 LPG Cylinders

- Color:
- Weight:
- Re-tested date:
- Expiry date:
- Storage position:
- Cylinder cleaning method:
- Cylinder repainting frequency:
- Relief valve settings:
- Minimum distance required for separation of cylinders according to their size or content:
- Storage preference:
- Different sizes of cylinders filled with LPG:
- Other types of storage available:

3.2 Cages

- Storage site dimensions:
- Cage dimensions:
- Cage location:
- Distance at which electrical apparatus are installed from the cage:
- Distance at which flammable, combustible, corrosive or oxidizing materials are stored from the cylinder cage, if any:

4 ACCESSORY EQUIPMENT

4.1 Filters

- Cleaning method:
- Replacing frequency:
- Filter type / cartridges required if any:
- Flow rate / capacity:
- Micron filtration levels:
- Life span:

4.2 Mass flow meters/ Controller

- Mode of display:

4.3 Gas Detection

- Portable or fixed gas detector:
- Detection technique:
- Detector calibration method used:
- Measurement range of detection:
- Detector accuracy:

4.4 Gauges

- Maximum gauge pressure:
- Scale unit:

4.5 Pressure Regulators

- Type of pressure regulator:
- Permissible design pressure:
- Working pressure:

4.6 Valves

- Differential pressure range (Bypass valve):
- Maximum flow rate:

4.7 Fittings

- Other fittings available:

5 HEALTH AND SAFETYⁱ

- Precautions taken at the storage place to avoid explosion risks:
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- Leak detection system:
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- Fire-fighting instructions:
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- Fire Extinguishing system available at the storage place:
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- Chemicals available at the plant:
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