



RWANDA UTILITIES REGULATORY AGENCY

GAS DIRECTORATE

LAKE KIVU METHANE GAS EXTRACTION, PROCESSING AND TRANSPORT: REPORT ON TECHNICAL SPECIFICATIONS

1. GENERAL INSTRUCTIONS

1.1 PURPOSE

This document herein referred to as “Lake Kivu methane gas extraction, processing and transport: report on technical specifications” is a form to be filled by different gas operators whose activities are related to Lake Kivu methane gas extraction, processing & transport.

1.2 WHO MUST SUBMIT

All private/government projects involved in Lake Kivu methane extraction, processing and transport activities

1.3 WHEN TO REPORT

The recipients are required to submit the form dully filled within one month following the date of reception. Any additional information can also be attached to the form.

1.4 WHERE TO REPORT

RWANDA UTILITIES REGULATORY AGENCY (RURA)

Tel/Fax: (250) 58 45 62/58 45 63

P.O Box: 7289 Kigali

2. METHANE GAS EXTRACTION & PROCESSING

2.1 Quality (% composition) of crude gas

- CH₄:
- CO₂:
- H₂S:
- N₂:
- Other gases:
- Moisture content:

2.2 Quality (% composition) of purified gas

- CH₄:
- CO₂:
- H₂S:
- N₂:
- Other gases:
- Moisture content:

2.3 Quantity of extracted gas

- Flow rate:
- Calorific value:
- Quantity of methane extracted/month or /year:

3. METHANE GAS TRANSPORT

3.1 Piping system

- Pipe material:
- Working pressure & temperature limits:
- Pipes, fittings and their specifications:

- Types of corrosion likely to occur:
- Corrosion control system used:
- Coating material used (if any):
- Leak detection system:
- Pressure at which gas is distributed-onshore/offshore:
- Existence of a pressure booster:

4. HEALTH & SAFETY ISSUES¹

- Precautions taken at the plant to avoid explosion risks:
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- Fire-fighting instructions:
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- Fire extinguishing system available at the plant:
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- Chemical products available at the plant:
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- Health & safety guidelines which are referred to by the Management to ensure the personnel at the plant are protected:
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- Emergency & first aid procedures communicated to the personnel at the plant:
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For more details, please contact:

Gas Directorate, RURA

Mobile: (+250) 78 830 3910

(+250) 78 859 5482

¹ Attach a separate sheet where enough space is not provided for answers