



Job Advert

Gas Chromatograph (GC) Technician

Overview: Africa Innovations Institute (AfriI) is seeking a skilled GC Technician to support analytical testing in our laboratory. The role involves operating and maintaining Gas Chromatograph systems to deliver accurate, timely, and reliable results for research, quality control, and food/environmental safety programs.

Position: Gas Chromatograph (GC) Technician

Duty Station: Bukoto, Kampala

Reports to: Greenhouse Gas Expert /Laboratory Manager

Key Responsibilities:

- Operate GC systems (GC-FID, GC-ECD, GC-MS where applicable) for routine sample analysis.
- Prepare samples, run standards, perform calibrations, and ensure QC compliance.
- Interpret chromatograms and prepare analytical reports.
- Conduct routine maintenance (septa, liners, columns, leak checks).
- Troubleshoot instrument issues and maintain performance logs.
- Follow GLP and ISO 17025 procedures for documentation and safety.
- Support procurement of GC consumables and assist in training junior staff.

Qualifications:

- Diploma or Bachelor's in Chemistry, Analytical Chemistry, Biochemistry, Environmental Science, or related field.
- Hands-on experience with GC operation (e.g. SRI GHG GC, Agilent, Shimadzu, Thermo).
- Familiarity with chromatographic software e.g. ChemStation, OpenLab, LabSolutions, but knowledge of **PeakSimple** is added advantage
- At least 1-3 years laboratory experience with Gas analysis experience is an added advantage.

Competencies:

- Strong analytical and problem-solving skills.
- High attention to detail and data integrity.
- Ability to work independently and meet deadlines.
- Good communication and documentation skills.

How to Apply: Submit your CV, cover letter, and relevant certifications to Africa Innovations Institute (AfriI), Plot 1544, Dan Matovu (Former Koire) Close, Bukoto, Old Kiira Road, P. O. Box 34981, Kampala, Uganda Tel: +256-768 - 229 363; Email: info@afrii.org

Deadline: 5th June 2026; 14:00 Hours Kampala time.