



Bringing Scientific & Technical
Resources to the Africa Continent

Laboratory Skills/Management Training Course

30TH Nov
TO
4TH Dec
2026

Laboratory Management training course focuses on the core issues that need to be addressed to implement an effective Testing & Research Laboratory Management System. In today's globalized and highly competitive market of testing services, only laboratories with a solid infrastructure and competent management can survive. Health and Safety of the general public, process optimization in the industrial sector, environmental monitoring, and forensic and outbreak investigations are based on laboratory test results. Therefore, it is of critical importance that laboratories operate under those conditions that will guarantee accurate results that are of real value to their customers. Issues relating to business planning, quality assurance, personnel training, on-going competence, method selection and fitness-for-purpose, method validation, subcontracting, project management, non-conformities, QC failure investigation, will be dealt with in detail.



This training seminar will highlight:

- Testing lab organizational structure
- The positioning of the lab in the market
- Method selection and fitness-for-purpose
- Quality assurance and Calibrations
- Quality assurance and participation in Proficiency Testing (PT) schemes
- Laboratory accreditation

WHO SHOULD ATTEND?

This training course on Laboratory Management is suitable for a wide range of lab testing and management professionals but will greatly benefit:

- Director Testing Services
- Testing laboratories managers
- Analytical Chemists and microbiologists laboratory heads
- Calibration laboratory managers
- Internal auditors
- External auditors/Regulatory authorities
- Quality assurance consultants



Chrom Africa Instrumentation Services Limited

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By the end of this course you should:

- Understand the management of laboratory operations and processes.
- Understand how to manage teams in a laboratory.
- Have the ability to create a productive work environment with a basic understanding of leadership and change management.
- Have the ability to control costs and understand financial management.
- Understand the management of quality assurance in a laboratory

TRAINING METHODOLOGY

This training course on Laboratory Management will utilize various proven adult learning techniques to ensure maximum understanding, comprehension and retention of the information presented. This includes trainer-guided discussions between participants involving their personal experience. Besides, case studies, short film, and group exercises will further help comprehend the core principles behind Laboratory Testing and Management.

DAY 1

Introduction to the Contemporary Testing Laboratory

- Principles of Laboratory management
- The analytical services sector
- Types and categories of testing labs – legal status
- Operating environment of testing labs
- Independent private labs
- Governmental/Public /Notified labs
- Labs operating within an organization
- Independence and Impartiality of testing labs
- Corporate Social Responsibility



**Cost: Ksh75,000.00 or
USD 700.00 Per Person**

NAIROBI

Deadline: 16th Nov 2026

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DAY 2

Organizational Structure of a Testing Lab

- Job functions
- Job descriptions
- Responsibilities and overlapping
- Premises and working environment
- Environmental conditions monitoring
- Flow of work

DAY 3

The Challenge of Facing the Rapidly-Changing Market

- Certification
- Accreditation according to ISO 17025
- Business plan
- Networking/Strategic alliances
- Subcontractors
- Flexible specialization
- Multitasking



DAY 4

Laboratory Operations & Concepts

- Traceability and audit trail
- Optimizing method selection & validation
- Regulatory changes relating to environment, health & safety
- Assuring on-going fitness-for-purpose of methods and instrumentation
- Commissioning protocol for new equipment
- Calibration/Verification
- Supplier evaluation
- Customer satisfaction
- Flexible specialization
- Multitasking



DAY 5

Quality Assurance – Compulsory or Optional?

- Is it a must?
- What is it? How is it accomplished?
- Internal audits
- External Quality Assurance (EQA)/Internal Quality Control (IQC)
- Uncertainty of test results
- Non-conformities (root-cause analysis, corrective/preventive actions)
- On-going personnel competence
- Looking into the future