

**Report on
(NMI)Quality Management System
to AFRIMETS TC-QS**

By

Paul M. Date

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Agenda

1. Information on the national metrology system (**National Quality Infrastructure**)
2. Quality policy.
3. Organogram of the NMI.
4. QMS processes and steering mechanisms in the organization.
5. Current accreditations/international recognition.
- 6. Current status of transition plan to ISO 17025:2017**
7. List of updated calibration capabilities covered by the QMS
8. Continuous improvement
9. Audits / external review
10. Addressing weak and strong points
11. Addressing solutions for problems encountered

INFORMATION ON THE NATIONAL METROLOGY SYSTEM (**NATIONAL QUALITY INFRASTRUCTURE**)

Ghana Standards Authority (GSA) was established in 1967 by the decree of NRCD 173 of 1973 and later NRCD 326 of 1975.

GSA is a statutory body with the overall responsibility regarding the Quality infrastructure (QI) namely standards, metrology and conformity Assessment.

It has a Governing Board, Director General, Deputy Director General and Directors.

INFORMATION ON THE NATIONAL METROLOGY SYSTEM (**NATIONAL QUALITY INFRASTRUCTURE**)

Our services;

- a. Standards Development
- b. Testing and inspection
- c. Calibration, verification and research
- d. Certification
- e. Library and information dissemination
- f. Training and sensitization
- g. Public education and consumer protection

GHANA STANDARDS AUTHORITY QUALITY POLICY

The Ghana Standards Authority laboratories are committed to the provision of world-class testing and calibration services by continuously improving upon its processes in order to meet and exceed the expectation of customers.

The laboratories are also committed to good professional practices that promote trust, the impartiality of its testing and calibration services and integrity in the delivery of services.

Risk to the impartiality of the laboratories are monitored on an ongoing basis and actions are taken to eliminate or minimize such risks.

GHANA STANDARDS AUTHORITY QUALITY POLICY

In pursuance of the above objectives, we comply with the requirement for ISO/IEC 17025:2017

In addition, personnel involved with testing and calibration activities are continuously trained to qualify them to perform their duties efficiently and effectively.

Organogram of NMI

QMS PROCESSES AND STEERING MECAHNISMS IN GSA

Vision – to become a customer-focused world class standards organization

Mission – to contribute towards the growth of industry, protect consumers and facilitate trade through standardization, metrology and conformity assessment.

The core values are;

- a. Excellence
- b. Customer –focus
- c. Integrity
- d. Teamwork

Control processes using Quality Manual, Policies and procedures.

CURRENT ACCREDITATIONS/INTERNATIONAL RECOGNITION

Accreditation to DAkkS for Mass, Balance, Temperature, Pressure, Volume, Humidity.

International recognition

- Associate member of BIPM
- Signed CIPM-MRA
- MOU with ILAC to use their logo
- DAkkS

Non-Accredited Laboratory;

- Dimensional
- Moisture
- Analytical pH and Conductivity
- Photometry
- Electrical
- Torque
- Viscosity yet to be developed
- Ultra sound/Acoustics

LIST OF CALIBRATION CAPABILITIES

On-site calibration of climatic chambers covered by QMS

Continuous Improvement done through;

- Quality policy,
- Quality Objectives,
- Audit results,
- Analysis of data,
- Corrective and preventive actions,
- Management reviews.

1st Internal Audit conducted in May 2019

External review July /Audit 2019

Addressing weak points identified during internal audit

Weak points are addressed through corrective actions as a result of internal audits.

Solutions are being found for problems on a continual basis.