

## NATIONAL LABORATORIES ASSOCIATION OF TANZANIA

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#### What is NLAT?

A voluntary, independent, non-governmental, non-profit and membership based civil society association. It was established in 2013 with main aim and commitment to make provision for laboratories to join efforts in addressing their common challenges and strengthen their contribution in facilitating industrial development and trade, supporting health and safety of public and environment in the country and across the regions. Among other things, NLAT is diligently committed at devising programs that strengthen laboratory quality infrastructure so as to provide for quality and reliable testing and measuring services.

NLAT activities cover the United Republic of Tanzania - URT (Tanzania Mainland and Zanzibar).

Mission: To be an internationally recognised association which represents the voice of Tanzania laboratories and promote cooperation amongst themselves, integrate with regional and international laboratories to deliver services with a spirit of excellence.

Number of members: Corporate: 55 Individual: 6

Vision: To develop an effective association framework, promote cooperation among laboratory services provider in terms of experience, knowledge and formulated opinions on a technical, ethical and commercial level with objective of contributing to socio-economic, science and technological development in the United Republic of Tanzania.

# **OBJECTIVES:**

- 1. Conduct training and support implementation of standards
- 2. Exchange forum for information and resources sharing
- 3. Economy and trade facilitation
- 4. Promote participation in Interlab Comparison and Proficiency Testing
- 5. Undertake and coordinate activities related to standardization, metrology and conformity assessment

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Through trainings and support, NLAT has contributed in the achievements.

By December 2023, a total number of :

- 75 Laboratories in the URT have been accredited by SADCAS based in ISO/IEC 17025:2017 and 15189:2022
- 25 Laboratories have applied for accreditation, undergoing accreditation process.
- 25 Laboratories are undergoing trainings towards accreditation

#### Trainings conducted (2022/2023):

•Zanzibar – CGCLA, ZFDA & ZBS (65 staff):

- 25 (ISO 9001)
- 15 (METHOD VALIDATION & MEASUREMNT UNCERTAINTY)
- 25 (ISO 17025)

#### •Tanzania mainland:

- 15 staff from different institutions
- 150 + 20 staff from GCLA (ISO 17025)
- 14 staff from GCLA (19011)
- 22 staff (METHOD VALIDATION & MEASUREMNT UNCERTAINTY The total of 276 lab staffs have been trained with different standardization courses.

2023/2024

### Trainings to be conducted (2023/2024):

ISO/IEC 17025:2017 Requirements and Implementation

- Method Validation and Measurement Uncertainty
- Internal Auditing to ISO 19011
- Root Cause Analysis
- Decision rule as per ISO/IEC 17025:2017 and ILAC guidelines
- Risk and Opportunities as per ISO/IEC 17025:2017



The NLAT is announcing a training as follows:

- 1. Training Title: Method Validation and Uncertainty of Measurement for Chemical Methods
- 2. Venue: Dar es Salaam-Tanzania.
- 3. Date: February 12th-16th 2023
- 4. Training f: 700USD per trainee (training components only except accommodation and transport)
- 5. Bank Details: CRDB Bank Account No.: 0150211766000

  National Laboratory Association of Tanzania.
- 6. The deadline for confirmation: February 1st 2024
- Registration form: Available at www.nlat.go.tz
- 8. Application email submission: asmasadi37@gmail.com