



4TH ANNUAL SADC INDUSTRIALISATION WEEK

SADC TBT: Tanzania Participation in SADC SQAM ACTIVITIES

Mr. Lazaro Henry Msasalaga
Acting Director of Quality Management
TANZANIA BUREAU OF STANDARDS
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1.0 ESTABLISHMENT

- ▶ Established by the Parliament through the Standards Act No. 3, 1975, under the Ministry of Industry and Trade.
- ▶ The Act was amended in 1977 (*changing name from National Standards Institution (NSI) to Tanzania Bureau of standards(TBS)*).
- ▶ Re-established by the Standards Act No. 2 of 2009 in order to bridge gaps experienced in performing its functions.

1.1 TBS FUNCTIONS

- ▶ Development and promulgation of national standards.
- ▶ Implementation of standards through certification schemes.
- ▶ Training of industrialists.
- ▶ Testing of samples(eight laboratories, five are accredited).
- ▶ Metrology services

1.2 ORGANIZATION STRUCTURE

- ▶ Board of Directors.
 - ▶ Director General
 - ▶ Directors (DCS, DSD, DQM, DTC)
 - ▶ Departments
 - ▶ Sections.
-
- ▶ *NB. Currently TBS is re-structuring and re-engineering its processes (to implement both WTO TBT and SPS Agreement (Food safety) .*

1.3 TBS OFFICES

- ▶ Headquarters at Ubungo, Dar-es-Salaam;
- ▶ Zonal offices (*Dodoma*, Arusha, Mwanza, Mtwara and Mbeya, and soon *Kigoma*).
- ▶ Dar-es-Salaam Port (TPA 8th Floor and ICDs), JNIA
- ▶ Tanga Port, Horohoro, Namanga, Holili, Sirari, Tunduma, Kasumulo, Rusumo, Kabanga, Mutukula, KIA, Mwanza Port.
- ▶ NB: The Bureau is in the process to open more border offices depending on resources availability.

2.0 IMPLEMENTATION OF WTO TBT AGREEMENT

- ▶ Tanzania has been a member to WTO since 1995.
- ▶ The GATT Contracting parties signed the plurilateral Agreement, called **standards Code**.
- ▶ The **Standards Code** laid down the rules for preparation, adoption, and application of technical regulations, standards and conformity assessment procedures.

2.0 IMPLEMENTATION OF WTO TBT AGREEMENT

- ▶ TBT Agreement strengthened and clarified the provisions of the Standards Code through the six principles:
 - (1) Avoidance of unnecessary obstacles to trade;
 - (2) Non-discrimination and national treatment;
 - (3) Harmonization;
 - (4) Equivalence of technical regulations;
 - (5) Mutual recognition of conformity assessment procedures; and
 - (6) Transparency.

2.0 IMPLEMENTATION OF WTO TBT AGREEMENT

- ▶ Tanzania has adopted "the Code of Good Practice for the preparation, adoption and application of standards" based on Annex 3 of the TBT Agreement;
- ▶ Tanzania notifies the existence of their work programme to the ISO/IEC Information Centre in Geneva, and publish the work programme”;
- ▶ Structure: the Ministry of Industry and Trade as NNA, Tanzania Bureau of Standards as NEP

3.0 PARTICIPATION IN INTERNATIONAL & REGIONAL STANDARDS SETTING BODIES

1. International Organization for Standardization (ISO);
2. Codex Alimentarius Commission (CAC)
(Tanzania as Africa Representative to the Codex Executive Committee);
3. African Region Organization for Standardization (ARSO);
4. Standards and conformity assessment harmonization processes in East Africa Community (EAC) and the Southern Africa Development Community (SADC)

4.0 TANZANIA PARTICIPATION IN SADC

- Tanzania through TBS participates in the SADC region in facilitating trade through the established Regional Framework, including the TBT Annex to SADC Protocol on trade

Article 11: SADCTBT Cooperation Structures

- It establishes cooperation structures in order to further the objectives of the SADC Protocol on Trade, in elimination of technical barriers to trade amongst the Member States.
- This is a formal framework in which the cooperation in Standardization, Quality Assurance and Metrology (**SQAM**) can take place,
- The following SADC Cooperation structures are created to smoothen the SADC intra-trade:

Article 11: SADCTBT Cooperation Structures

- SADC Technical regulation Liaison Committee (SADCTRLC)- *Promote and facilitate implementation of the SADC Technical Regulation Framework;*
- SADC TBT Stakeholders Committee (SADCTBTSC)-*Facilitate stakeholders participation in Technical Barrier to Trade matters;*
- SADC Cooperation in Accreditation (SADCA)- *Facilitate the regional accreditation system (SADCAS);*
- SADC Cooperation in Legal Metrology (SADCMEL)-*Work with Member States to harmonise legal metrology regulations between each other and other trading blocks;*

Article 11: SADCTBT Cooperation Structures

- SADC Cooperation in Measurement Traceability (SADCMET)-
Coordinate metrology activities in order to standardise systems of measurement and ensure accuracy of calibration and testing;
 - SADC Cooperation in Standardization (SADCSTAN)-Promote standardisation activities to harmonise standards in the SADC region; and
 - SADC TBT Expert Group (TBTEG)- advises the SADC Secretariat on standards and quality matters.
- ❖ Under the seven Structures TBS is involved more on **SADCA, SADCSTAN and SADMET**

Article 11: SADCTBT Cooperation Structures

- Tanzania Bureau of Standards (TBS) – a national Standards Body, coordinate harmonization of regional Standards
- **Participate in the standardisation activities to achieve harmonisation of texts in supporting objectives of SADC Protocol on Trade.**
- Submit country reports and participate in the SADCSTAN AGM meetings.

4.1 Standards development and harmonization

- ❖ Participate in the **16 technical committees under SADCSTAN cooperation Structure on:**
 - ✓ TC 1 – Construction
 - ✓ TC 3 – Foods and Agriculture
 - ✓ TC 6 – Health and Safety
 - ✓ TC 11 – Management Systems and Conformity Assessment
 - ✓ TC 14 - Water
 - ✓ TC 16 – Energy
 - ✓ TC 19 -Cosmetics, soaps and detergents
 - ✓ TC 21 - Paper
 - TC2 - Automotive and Transportation
 - TC4- Electro-technical
 - TC 8 - Hospitality and Tourism
 - TC 23 - Textiles
 - TC 15 – Chemical and chemical products
 - TC 18 – African Traditional Medicine
 - TC 20 - Financial Services
 - TC 22 –Plastics
- To date 30 SADC harmonized Standards texts have been adopted by TBS for use by stakeholders.

NB: In the implementation of the Africa Continental Free Trade Area Agreement (AfCFTA), harmonized standards under ARSO will be applicable. ARSO makes reference to Regional Economic Communities (RECs) harmonized standards (EAC, SADC, ECOWAS e.t.c.

4.2 National Accreditation Focal Point.

- TBS is a SADC- National accreditation focal point, responsible for
 - coordinating, administering, promoting and marketing accreditation within the country.
 - Provide testing and calibration services that are accredited to the international standards ISO/IEC 17025 that facilitate movement of goods i.e “**Tested once and accepted every where**”.

4.2 National Accreditation Focal Point..

- Assist conformity assessment bodies (*testing, certification and inspection*) by providing trainings on the requirements of the international standards before applying for accreditation includes
 - ISO/IEC 17025, ISO/IEC 17065, ISO/IEC 17020 and ISO/IEC 15189.
- ✓ To date **22 testing** and **4 calibration** laboratories have been accredited to ISO/IEC 17025- and **10 Medical laboratories** have been accredited to ISO 15189

4.2 National Accreditation Focal Point..

- ❑ **Management systems standards ISO 9001, ISO 22000, ISO 14001, ISO 45001 etc.**
- **Provide certification and inspection practices that comply to international best practices.**
- **Implement peer assessment practice with EAC Partner States standards bodies to facilitate movement of goods and services**
- **Submit country reports and participated in the SADCA AGM meetings.**

4.2 National Accreditation Focal Point..

- Tanzania also provide Proficiency Testing (PT) samples under EAC scheme to testing laboratories within Tanzania and outside the country that evaluate the competence of the testing facilities. Also this is a requirement for accreditation body.
- ✓ To date Tanzania provides **PT for salt, honey, juice and fertilizer.**
- Accreditation assists in informed decision making technical Regulations.

4.2 National Accreditation Focal Point..

- **Market the importance of accreditation using different forum;**
- Tanzania celebrated the World Accreditation Day on 4th July, 2019 under the theme “Accreditation adding value to Supply Chains”.
- Circulate the SADCAS annual reports and accreditation brochures to key stakeholders.

4.3 Metrology laboratory

TBS Metrology laboratory- **Custodian** of the National Measurement Standards.

- ✓ Provide **traceability and accuracy** to testing and calibration laboratories that link Tanzania with global market through measurements.
- ✓ Maintain **International recognition** through **accreditation** of calibration services in the field of mass, volume, temperature, time & frequency and dimension.

4.3 Metrology laboratory

- Undertake inter-laboratory comparison in the field of mass, temperature, small volume and dimension in order to publish **Calibration Measurement Capability (CMC)** in the key comparison data base.
- An associate member of BIPM-international Bureau of Weights and Measurements.

5.0 Challenges

- Limited funds to participate in the standards harmonization work;
- Slow pace in adoption of the harmonized SADC standards;
- Slow progress in the harmonization and adoption of technical regulations; and
- Language barrier.

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