



THE UNITED REPUBLIC OF TANZANIA

MINISTRY OF INVESTMENT, INDUSTRY AND  
TRADE



**TANZANIA BUREAU OF STANDARDS (TBS)**

ISO 9001:2015 Certified

Member of the International Standardization (ISO), Codex Alimentarius Commission (WHO/FAO), Agent for ISO and other National Standards Bodies

In reply, please quote:

**Ref. No. TBS/EDC/A-3/24**

**Date: 2024-04-23**

## INTERESTED STAKEHOLDERS

Dear Sir/Madam,

### RE: TANZANIA DRAFT STANDARDS FOR STAKEHOLDERS COMMENTS

Please refer the heading above.

2. The Tanzania Bureau of Standards is in the process of developing standards on:

- a) EDC4 (2810) DTZS/ IEC 60335-2-76 Household and similar electrical appliances – Safety – Part 2-76: Particular requirements for electric fence energizers
- b) EDC4 (2811) DTZS Electric Fences – Design, installation and maintenance
- c) EDC4 (2812) DTZS/ ISO/ IEC 24458 Information technology - Automatic identification and data capture techniques - Bar code printer and bar code reader performance testing specification
- d) EDC4 (2813) DTZS/ ISO/IEC 19896-1 IT security techniques - Competence requirements for information security testers and evaluators - Part 1: Introduction, concepts and general requirements
- e) EDC4 (2814) DTZS/ ISO/IEC 27033-1 Information technology — Security techniques — Network security — Part 1: Overview and concepts
- f) EDC1 (2338) DTZS/ IEC 60730-1: 2022 Automatic electrical controls – Part 1: General requirements
- g) EDC1 (2335) DTZS/ IEC 61243-1:2021 Live working - Voltage detectors – Part 1: Capacitive type to be used for voltages exceeding 1kV AC
- h) EDC1 (2843) DTZS/ IEC 61869-1:2023 Instrument transformers - Part 1: General requirements
- i) EDC1 (2844) DTZS/ IEC 60898-2:2016 Electrical accessories – Circuit-breakers for overcurrent protection for household and similar installations - Part 2: Circuit-breakers for AC and DC operation

#### TBS HEADQUARTERS

Physical Address  
Tanzania Bureau of Standards  
Ubungu, Morogoro Road /  
Sam Nujoma Road  
P. O. Box 9524  
DAR ES SALAAM, TANZANIA  
Tel. No: +255 22 245 0298/  
+255 22 245 0206  
Telefax: +255 22 245 0959  
Hotline: 0800110827  
E-mail: info@tbs.go.tz  
Website: <http://www.tbs.go.tz>  
E-mail address for customer complaints:  
complaints@tbs.go.tz  
Twitter: TBS\_Tanzania  
Instagram: tbs\_Viwango

#### TBS CENTRAL ZONE

Physical Address  
Kambarage Tower  
P.O. Box 2956  
DODOMA,  
TANZANIA  
Tel. No:  
+255 26 2520310

#### TBS LAKE ZONE

Physical Address  
NSSF Building,  
3<sup>rd</sup> Floor  
P.O. Box 1814  
MWANZA,  
TANZANIA  
Tel. No:  
+255 28 2501127

#### TBS NORTHERN ZONE

Physical Address  
NSSF Mafao House  
Building, 2<sup>nd</sup> Floor  
P.O. Box 2399  
ARUSHA,  
TANZANIA  
Tel. No:  
+255 27 2520143

#### TBS SOUTHERN HIGHLANDS ZONE

Physical Address  
NHIF Building,  
7<sup>th</sup> Floor  
P.O. Box 1674  
MBEYA,  
TANZANIA  
Tel. No:  
+255 25 2502848

#### TBS SOUTHERN ZONE

Physical Address  
MTUWASA Building  
P. O. Box 1396  
MTWARA,  
TANZANIA  
Tel. No:  
+255 23 2334477

#### TBS WESTERN ZONE

Physical Address  
NSSF Building (Mafao  
House), 2<sup>nd</sup> Floor  
P. O. Box 1276  
KIGOMA,  
TANZANIA  
Tel. No:  
+255 28 2804023

All Correspondence should be addressed to the **DIRECTOR GENERAL**

- j) EDC1 (2845) DTZS/ IEC 60898-3:2019 Electrical accessories – Circuit-breakers for overcurrent protection for household and similar installations - Part 3: Circuit-breakers for DC operation
- k) EDC1 (2846) DTZS/ IEC 61238-1-2:2018 Compression and mechanical connectors for power cables - Part 1-2: Test methods and requirements for insulation piercing connectors for power cables for rated voltages up to 1 kV ( $U_m = 1,2 \text{ kV}$ ) tested on insulated conductors
- l) EDC1 (2847) DTZS/ IEC 60832-1:2010 Live working - Insulating sticks and attachable devices - Part 1: Insulating sticks
- m) EDC1 (2848) DTZS/ IEC 60743:2013 Live working - Terminology for tools, devices and equipment
- n) EDC1 (2339) DTZS/ IEC 60730-2-11:2019 Automatic electrical controls – Part 2-11: Particular requirements for energy regulators
- o) EDC5 (2539) DTZS/ IEC TS 62257-7:2017 Recommendation for renewable energy and hybrid systems for rural electrification- Part 7: Generators
- p) EDC5 (2540) DTZS/ IEC TS 62257-7-1:2010 Recommendations for small renewable energy and hybrid systems for rural electrification-Part 7-1: Generators-Photovoltaic
- q) EDC5 (2532) DTZS/ IEC 61400-12:2022 Wind energy generation systems- Part 12: Power performance measurements of electricity producing turbines – Overview
- r) EDC5 (2738) DTZS/ ISO 50002 Energy Audits Requirements with guidance for use
- s) EDC2 (2743) DTZS/ IEC 61386-21:2021. Conduit system for cable Management-Part 21: Particular Requirements-Rigid conduit systems
- t) EDC2 (2744) DTZS/ IEC 61386-22:2021, Conduit system for cable management - Part 22: Particular requirements - pliable conduit
- u) EDC2 (2745) DTZS/ IEC 61386-23:2021, Conduit system for cable Management-Part 23: Particular Requirement-Flexible conduit systems
- v) EDC2 (2325) DTZS/ IEC 60296:2020, Unused mineral insulating oils for transformers and switchgear – Specification
- w) EDC2 (2324) DTZS/ IEC 61000-4-30:2021, Electromagnetic compatibility (EMC) - Part 4-30: Testing and measurement techniques - Power quality measurement methods
- x) EDC2 (2323) DTZS/ IEC 6000-2-2:2018, Electromagnetic compatibility (EMC) –Part 2-2: Environment - Compatibility levels for low-frequency conducted disturbances and signalling in public low-voltage power supply systems
- y) EDC2 (2319) DTZS/ IEC 61000-3-2:2020, Electromagnetic compatibility (EMC) - Part 3-2: Limits - Limits for harmonic current emissions (equipment input current  $\leq 16 \text{ A}$  per phase)
- z) EDC2 (2313) DTZS/ IEC 61000-3-12:2021, Electromagnetic compatibility (EMC) - Part 3-12: Limits - Limits for harmonic currents produced by equipment connected to public low-voltage systems with input current  $>16 \text{ A}$  and  $\leq 75 \text{ A}$  per phase.
- aa) EDC3 (2312) DTZS/ IEC 61000-3-3:2021, Electromagnetic Compatibility (EMC) –Part 3-3: Limits for voltage change, voltage fluctuation and flickers in public low voltage supply system for equipment with rated current  $16 \text{ A}$  per phase and not subject to conditional connection

3. According to procedures for preparation of Tanzania Standards, the draft standards are hereby circulated for stakeholders' comments.

#### **TBS HEADQUARTERS**

Physical Address  
Tanzania Bureau of Standards  
Ubungu, Morogoro Road /  
Sam Nujoma Road  
P. O. Box 9524  
DAR ES SALAAM, TANZANIA  
Tel. No: +255 22 245 0298/  
+255 22 245 0206  
Telefax: +255 22 2450959  
Hotline: 0800110827  
E-mail: info@tbs.go.tz  
Website: <http://www.tbs.go.tz>  
E-mail address for customer complaints:  
complaints@tbs.go.tz  
Twitter: TBS\_Tanzania  
Instagram: tbs\_Viwango

#### **TBS CENTRAL ZONE**

Physical Address  
Kambarage Tower  
P. O. Box 2956  
DODOMA,  
TANZANIA  
Tel. No:  
+255 26 2520310

#### **TBS LAKE ZONE**

Physical Address  
NSSF Building,  
3<sup>rd</sup> Floor  
P.O. Box 1814  
MWANZA,  
TANZANIA  
Tel. No:  
+255 28 2501127

#### **TBS NORTHERN ZONE**

Physical Address  
NSSF Mafao House  
Building, 2<sup>nd</sup> Floor  
P.O. Box 2399  
ARUSHA,  
TANZANIA  
Tel. No:  
+255 27 2520143

#### **TBS SOUTHERN HIGHLANDS ZONE**

Physical Address  
NHIF Building,  
7<sup>th</sup> Floor  
P.O. Box 1674  
MBEYA,  
TANZANIA  
Tel. No:  
+255 25 2502848

#### **TBS SOUTHERN ZONE**

Physical Address  
MTUWASA Building  
P. O. Box 1396  
MTWARA,  
TANZANIA  
Tel. No:  
+255 23 2334477

#### **TBS WESTERN ZONE**

Physical Address  
NSSF Building (Mafao  
House), 2<sup>nd</sup> Floor  
P. O. Box 1276  
KIGOMA,  
TANZANIA  
Tel. No:  
+255 28 2804023

All Correspondence should be addressed to the **DIRECTOR GENERAL**

4. Being one of the key stakeholders in standards development, you are kindly requested to go through the draft standard (Due to copyright reasons, complete document for adopted IEC and ISO standards can be obtained from TBS library) and send your comments regarding their technical contents. Suggestions which entail revision of texts should indicate preferred wording and relevant clause should be quoted against each comment. In case you find it suitable and no comments, please notify accordingly. Your comments can be submitted in softcopy or hardcopy as per attached form.
5. We will appreciate receiving your comments before **2024-06-25**.
6. Thanking you in advance for your cooperation.



Daniel Lugome

**For: DIRECTOR GENERAL**



**TBS HEADQUARTERS**

Physical Address  
Tanzania Bureau of Standards  
Ubungo, Morogoro Road /  
Sam Nujoma Road  
P. O. Box 9524  
DAR ES SALAAM, TANZANIA  
Tel. No: +255 22 245 0298/  
+255 22 245 0206  
Telefax: +255 22 2450959  
Hotline: 0800110827  
E-mail: [info@tbs.go.tz](mailto:info@tbs.go.tz)  
Website: <http://www.tbs.go.tz>  
E-mail address for customer complaints:  
[complaints@tbs.go.tz](mailto:complaints@tbs.go.tz)  
Twitter: TBS\_Tanzania  
Instagram: tbs\_Viwango

**TBS CENTRAL ZONE**

Physical Address  
Kambarage Tower  
P. O. Box 2956  
DODOMA,  
TANZANIA  
Tel. No:  
+255 26 2520310

**TBS LAKE ZONE**

Physical Address  
NSSF Building,  
3<sup>rd</sup> Floor  
P.O. Box 1814  
MWANZA,  
TANZANIA  
Tel. No:  
+255 28 2501127

**TBS NORTHERN ZONE**

Physical Address  
NSSF Mafao House  
Building, 2<sup>nd</sup> Floor  
P.O. Box 2399  
ARUSHA,  
TANZANIA  
Tel. No:  
+255 27 2520143

**TBS SOUTHERN  
HIGHLANDS  
ZONE**

Physical Address  
NHIF Building,  
7<sup>th</sup> Floor  
P.O. Box 1674  
MBEYA,  
TANZANIA  
Tel. No:  
+255 25 2502848

**TBS SOUTHERN ZONE**

Physical Address  
MTUWASA Building  
P. O. Box 1396  
MTWARA,  
TANZANIA  
Tel. No:  
+255 23 2334477

**TBS WESTERN ZONE**

Physical Address  
NSSF Building (Mafao  
House), 2<sup>nd</sup> Floor  
P. O. Box 1276  
KIGOMA,  
TANZANIA  
Tel. No:  
+255 28 2804023

All Correspondence should be addressed to the **DIRECTOR GENERAL**