

# TANZANIA BUREAU OF STANDARDS



## TBS STANDARDS WORK PROGRAMME BULLETIN

July, 2017

### **Tanzania Bureau of Standards - TBS**

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## Introduction

Tanzania Bureau of Standards (TBS) is the statutory national standards body for Tanzania, mandated to formulate, promulgate and implement national standards. The work of preparing national standards is solely done by TBS.

The Bureau has an established national standardization system through which national standards are formulated. This system is based on the 'consensus principle' which works through the use of technical committees. These committees draw members from all stakeholder groups including industries, government ministries and institutions, research institutions, higher learning institutions, business organizations and consumers. So far TBS has been able to finalize more than 1,500 Tanzania standards.

The finalized standards include product standards, management system standards, test methods, codes of practice and codes of hygiene. The standards cover various sectors of the economy including food and agriculture, chemicals, textiles and leather, engineering, environment and general techniques.

The standards formulated are voluntary, however if a standard covers a product that can affect health, safety, the environment or can have significant impact to the national economy, such standard is published as a compulsory standard.

The results of the TBS technical standards work are published as Tanzania National Standards. It is the policy of TBS to adopt other regional and international standards when they are found to be applicable to the Tanzanian situation. A full list of all Tanzanian standards is given in the *Catalogue of Tanzania Standards* which is available online on TBS website, [www.tbs.go.tz](http://www.tbs.go.tz)

During the development of Tanzania Standards, documents passes through a number of stages before they can be approved as Tanzania Standards. This procedure is designed to ensure that the final result is acceptable to as many interest groups as possible.

The *TBS Standards Work Programme Bulletin* contains a list of all the standards projects in progress and is published twice a year, in January and July.

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## **How to use this publication**

### **Abbreviations used**

The following abbreviations are used in this publication:

CD – Committee Draft

Rev – Revision

ICS – International Classification for Standards

TBS – Tanzania Bureau of Standards

TZS –Tanzania Standard

TA – Target Date

TC – Technical Committee

DC – Divisional Committee

FTZS – Finalized Draft Tanzania Standard

BoD – Board of Directors

DTZS – Draft Tanzania Standards

NWIP – New Work Item Proposal

## **Technical Committees**

Currently, there are nine supervisory committees commonly known as Divisional (Standards) Committees. The supervisory committees comprise of about 12 members each. Members are drawn from a cross-section of stakeholders that include the government, academia & research, manufacturers, distributors and consumers.

Under each Divisional Committee there are Technical Committees with least seven members of experts from a cross-section of stakeholders. In some cases, the Technical Committee may form Working Groups of about 3-4 experts that prepare the preliminary drafts. The chairpersons of all the committees are normally drawn from neutral bodies like the universities, or from the government and especially the relevant ministry. Secretaries are drawn from TBS.

### **1. Electrotechnical Divisional Standards Committee (EDC)**

*Technical Committees operating under this Divisional Committee are:*

- a) EDC 1 – Electrical equipment
- b) EDC 2 – Cells and batteries
- c) EDC 3 – Electrical installations
- d) EDC 4 – Manned security systems
- e) EDC 5 – Solar PV systems
- f) EDC6 – Communication Equipment

### **2. Mechanical Engineering Divisional Standards Committee (MEDC)**

*Technical Committees operating under this Divisional Committee are:*

- a) MEDC 1 – Basic standards
- b) MEDC 2 – Metals and structures
- c) MEDC 4 – Metal pipes and fittings
- d) MEDC 9 – Automotive components
- e) MEDC 10 – Farm implements
- f) MEDC 11 – Hand pumps
- g) MEDC 12 – Stoves
- h) MEDC 13 – Fire and fire fighting

### **3. Building and Construction Divisional Standards Committee (BCDC)**

*Technical Committees operating under this Divisional Committee are*

- a) BCDC 1 – Aggregates, Sand and Concrete
- b) BCDC 2 – Masonry
- c) BCDC 3 – Building and Structural codes
- d) BCDC 4 – Cement, lime and Clay products
- e) BCDC 5 – Roads
- f) BCDC 6 – Sawn timber, Saw logs and wood based components
- g) BCDC 7 – Sanitation structures and Sanitary appliances
- h) BCDC 9 – Roofing materials and finishes
- i) BCDC 10 – Bridges and Drainage structures
- j) BCDC 12 – Timber structures
- k) BCDC 13 – Foundation and Soil for civil engineering purposes
- l) BCDC 14 – Building and civil engineering general
- m) BCDC 15 – Doors and windows

### **4. General Techniques Divisional Standards Committee (GTDC)**

*Technical Committees operating under this Divisional Committee are:*

- a) GTDC 1 – Quantities, units, symbols and conversion factors
- b) GTDC 2 – Sieves, sieving and other sizing methods
- c) GTDC 3 – Application of statistical methods and quality assurance
- d) GTDC 4 – Packaging
- e) GTDC 5 – Information and Documentation
- f) GTDC 6 – Social responsibility
- g) GTDC 7 – Societal security

### **5. Agriculture & Food Divisional Standards Committee (AFDC)**

*Technical Committees operating under this Divisional Committee are:*

- a) AFDC 1 – Food Hygiene and Safety management
- b) AFDC 2 – Labelling, packing and packaging
- c) AFDC 3 – General Sampling and test methods

- d) AFDC 4 – Fats and oils
- e) AFDC 5 – Foods additives
- f) AFDC 6 –Nutrition and Foods for Special Dietary Uses
- g) AFDC 7 – Spices, culinary herbs and condiments
- h) AFDC 8 – Microbiological specifications for foods
- i) AFDC 9 – Animal feeds
- j) AFDC 10 – Fertilizer and soil conditioners
- k) AFDC 11 – Pesticides
- l) AFDC 12 –Processed fruits and vegetables
- m) AFDC 13 – Alcoholic and Non alcoholic beverages
- n) AFDC 14 – Milk and milk products
- o) AFDC 15 – Bakery and confectioneries
- p) AFDC 16 – Cereal, pulses and legumes
- q) AFDC 17 – Sugars and Honey
- r) AFDC 18 – Tea
- s) AFDC 19 – Edible oleaginous seeds
- t) AFDC 20 – Tobacco and its products
- u) AFDC 21 –Non-Grain Starchy Staples
- v) AFDC 22 –Meat, poultry, eggs and their products
- w) AFDC 23 – Fish and fish products
- x) AFDC 24 – Coffee and its products
- y) AFDC 25 – Sensory evaluation
- z) AFDC 26 – Fresh fruits and vegetable products
- aa)AFDC 27 – Residues of veterinary drugs in foods
- bb)AFDC 28 – Biotechnology (GMO) TC
- cc)AFDC 29 – Organically produced foods
- dd)AFDC 30 – Cocoa and cocoa products

## **6. Chemicals Divisional Standards Committee (CDC)**

*Technical Committees operating under this Divisional Committee are:*

- a) CDC 1 – Toothpaste
- b) CDC 2 – Soap and detergents



- c) CDC 3 – Cosmetics and Creameries
- d) CDC 4 – Safety matches and Pyrotechnics
- e) CDC 5 – Glass products
- f) CDC 6 – Water quality/effluents
- g) CDC 7 – Industrial & laboratory chemicals
- h) CDC 8 – Domestic insecticides
- i) CDC 9 – Gases
- j) CDC 10 – Stationery and paper products
- k) CDC 11 – Plastic products
- l) CDC 13 – Paints and varnishes
- m) CDC 14 – Rubber & rubber products
- n) CDC 15 – Petroleum and petroleum products
- o) CDC 16 – Pharmaceuticals
- p) CDC 17 – Lubricants and oils products
- q) CDC 18 – Housekeeping, entertainment and sports equipment
- r) CDC19 – Bioenergy
- s) CDC 20– Traditional Medicines
- t) CDC 21 – Medical Devices

## **7. Textiles Divisional Standards Committee (TDC)**

*Technical Committees operating under this Divisional Committee are:*

- a) TDC 1 – Flags
- b) TDC 2 – Apparel
- c) TDC3 – Household textiles
- d) TDC 4 – Labeling (Designation)
- e) TDC 5 – Sampling procedures and test methods
- f) TDC 6 – Fabric - fire resistant and retardant
- g) TDC 7 – Fibres – cotton
- h) TDC 8 – Yarns and twines
- i) TDC 9 – Hospital textiles
- j) TDC 10 – Mechanical contraceptives

k) TDC 11 – Leather & leather products

## **8. Environmental Management Divisional Standards Committee (EMDC)**

*Technical Committees operating under this Divisional Committee are:*

- a) EMDC 1 – Waste water
- b) EMDC 2 – Air quality
- c) EMDC 3 – Soil/land
- d) EMDC 4 – Environmental management
- e) EMDC 5 –Noise & vibration
- f) EMDC 6 –Radiations
- g) EMDC 7 – Forestry
- h) EMDC 8 –Solid waste

## **9. Mining and Minerals Divisional Standards Committee(MMDC)**

- a) MMDC 1 – Exploration
- b) MMDC 2 – Mining
- c) MMDC 3 – Minerals processing

### **Project number**

Numbering of Draft Tanzania Standards (DTZS) is done as follows: -

a) TBS followed by respective technical committee acronym and number

Example: TBS/EDC 1 - Electrical Equipment Technical Committee

TBS/TDC 7 – Cotton Fibre Technical committee

b) Serial number, in sequential order of standards development as it appears in the DS/P/02/F01 register as proposal 1 (P1)

Example; TBS/BCDC - 2 (3542) P<sub>1</sub> - .....title of a project.

It should be noted that the project number is used as reference to the draft standard under development. Different number is given when the document becomes a Finalized Draft Tanzania Standard where the same TZS number (of previous edition) is given for revised document and new number is given for the new document.

### **Stage codes of Tanzania Standards development:**

Depending on its development stages, a Draft Tanzania Standard (DTZS) shall be coded NWIP, P1, P2, P3 and FTZS

Where,

- NWIP New Work Item Proposal
- P1 draft Tanzania Standard for presentation to TC.
- P2 draft Tanzania Standard for presentation to DC
- P3 draft Tanzania Standard for stakeholder's comments.
- FTZS Finalized Draft Tanzania Standard to BoD for approval

### **Stage Date**

The stage date is the date on which the action or decision has been taken. For example, stage date 2017-07-01 means that on 2017-07-01 a draft has been recommended by TC to DC.

### **Target date (TA)**

A target date shows the date when the document is expected to be published as a Tanzania National Standard.

### **International Classification for Standards (ICS) Outline of the main ICS subject fields**

Main subject areas (e.g. Food & agriculture, civil engineering, chemical etc.) and TC subject fields such as cereals and pulses, stimulants, horticultural fresh produce, etc. are given the ICS (International Classification for Standards) number(s) under which the subject matter is classified. The outline is given below.

01 GENERALITIES. TERMINOLOGY. STANDARDIZATION. DOCUMENTATION  
03 SOCIOLOGY. SERVICES. COMPANY ORGANIZATION. MANAGEMENT AND QUALITY. ADMINISTRATION.  
TRANSPORT  
07 MATHEMATICS. NATURAL SCIENCES  
11 HEALTH CARE TECHNOLOGY  
13 ENVIRONMENT. HEALTH PROTECTION. SAFETY  
17 METROLOGY AND MEASUREMENT. PHYSICAL PHENOMENA  
19 TESTING

21 MECHANICAL SYSTEMS AND COMPONENTS FOR GENERAL USE  
23 FLUID SYSTEMS AND COMPONENTS FOR GENERAL USE  
25 MANUFACTURING ENGINEERING  
27 ENERGY AND HEAT TRANSFER ENGINEERING  
29 ELECTRICAL ENGINEERING  
31 ELECTRONICS  
33 TELECOMMUNICATIONS, AUDIO AND VIDEO ENGINEERING  
35 INFORMATION TECHNOLOGY. OFFICE MACHINES  
37 IMAGE TECHNOLOGY  
39 PRECISION MECHANICS. JEWELLERY  
43 ROAD VEHICLE ENGINEERING  
45 RAILWAY ENGINEERING  
47 SHIPBUILDING AND MARINE STRUCTURES  
49 AIRCRAFT AND SPACE VEHICLE ENGINEERING  
53 MATERIALS HANDLING EQUIPMENT  
55 PACKAGING AND DISTRIBUTION OF GOODS  
59 TEXTILE AND LEATHER TECHNOLOGY  
61 CLOTHING INDUSTRY  
65 AGRICULTURE  
67 FOOD TECHNOLOGY  
71 CHEMICAL TECHNOLOGY  
73 MINING AND MINERALS  
75 PETROLEUM AND RELATED TECHNOLOGIES  
77 METALLURGY  
79 WOOD TECHNOLOGY  
81 GLASS AND CERAMICS INDUSTRIES  
83 RUBBER AND PLASTICS INDUSTRIES  
85 PAPER TECHNOLOGY  
87 PAINT AND COLOUR INDUSTRIES  
91 CONSTRUCTION MATERIALS AND BUILDING  
93 CIVIL ENGINEERING  
95 MILITARY ENGINEERING  
97 DOMESTIC AND COMMERCIAL EQUIPMENT, ENTERTAINMENT, SPORTS  
99 (No title)

*[Adopted from ISO International Classification for Standards, 7th ed. 2015]*

## Technical programme: Work in progress by Sector

### 1 Electrotechnical Divisional Standards Committee (EDC)

| S/No. | Committee code | Project No.         | Title  | ICS No.   | Rev/ New | Source                       | International relatedness | Stage | Stage Date | Target Date |
|-------|----------------|---------------------|--|-----------|----------|------------------------------|---------------------------|-------|------------|-------------|
| 1.    | TBS/EDC 4      | TBS/EDC-4 (5308) P1 | Alarm systems - Intrusion and hold-up systems - Part 4: Warning devices  | 13.310    | New      | M.U.S.T                      | IEC 62642-4:2010          | P1    | 2017-10-26 | 2018-06-30  |
| 2.    | TBS/EDC 4      | TBS/EDC-4 (5309) P1 | Alarm systems - Intrusion and hold-up systems - Part 5-3: Interconnections - Requirements for equipment using radio frequency techniques | 13.310    | New      | Huawei Technologies          | IEC 62642-5-3:2010        | P1    | 2017-10-26 | 2018-06-30  |
| 3.    | TBS/EDC 4      | TBS/EDC 4 (5310) P1 | Alarm systems - Intrusion and hold-up systems - Part 6: Power Supplies   | 13.310    | New      | M.U.S.T                      | IEC 62642-6:2011          | P1    | 2017-10-26 | 2018-06-30  |
| 4.    | TBS/EDC 4      | TBS/EDC 4 (5311) P1 | Alarm systems – Part 2: Electromagnetic compatibility – Immunity requirements for components of fire and security alarm systems          | 13.310    | New      | Huawei Technologies          | IEC 62599-2:2010          | P1    | 2017-10-26 | 2018-06-30  |
| 5.    | TBS/EDC 4      | TBS/EDC 4 (5312) P1 | Alarm systems - Part 10: Alarm systems for road vehicles - Section 1: Passenger cars   | 13.310    | New      | GK Electronics systems Store | IEC 60839-10-1:1995       | P1    | 2017-12-28 | 2018-06-30  |
| 6.    | TBS/EDC 4      | TBS/EDC 4 (5313) P1 | Specification for Hand held metal detectors (frisking) for use in weapon detection   | 13.310    | New      | Helios Towers Tanzania       |                           | P1    | 2017-12-28 | 2018-06-30  |
| 7.    | TBS/EDC 4      | TBS/EDC 4 (5314) P1 | Information technology - Security techniques - Security evaluation of biometrics   | 35.240.15 | New      | Nokia Solutions T ltd        | ISO/IEC 19792:2009        | P1    | 2018-02-28 | 2018-06-30  |
| 8.    | TBS/EDC 4      | TBS/EDC 4 (5315) P1 | Information technology -- Biometric performance testing and reporting -- Part 1: Principles and framework                                | 35.240.15 | New      | Nokia Solutions T ltd        | ISO/IEC 19795-1:2006      | P1    | 2018-02-28 | 2018-06-30  |

|    |           |                     |  |           |     |                         |                      |    |               |            |
|----|-----------|---------------------|--|-----------|-----|-------------------------|----------------------|----|---------------|------------|
| 9. | TBS/EDC 3 | TBS/EDC 3 (5237) P2 | Distribution Material for Mini-Grid System Technical Specification for Aerial Bundled Cable (ABC) 600/1000V  | 29.060.01 | New | World Bank IFC          |                      | P2 | October 2017  | 2018-06-30 |
| 10 | TBS/EDC 3 | TBS/EDC 3 (5238) P2 | Mini-Grid Projects -Standard for Low Voltage Underground (LV) Distribution Network   | 29.260.10 | New | World Bank IFC          |                      | P2 | October 2017  | 2018-06-30 |
| 11 | TBS/EDC 3 | TBS/EDC 3 (5239) P2 | Distribution Material for Mini-Grid System Technical Specification for Low Voltage Power Cables (600/1000V) for Underground Network                        | 29.060.01 | New | World Bank IFC          |                      | P2 | October 2017  | 2018-06-30 |
| 12 | TBS/EDC 6 | TBS/EDC 6 (5317) P1 | Sound system equipment. Part 1: General  | 33.160.01 | New | DFM Electronics store   | IEC 60268-1:1985     | P1 | 2017-10-29    | 2018-06-30 |
| 13 | TBS/EDC 6 | TBS/EDC 6 (5318) P1 | Sound system equipment - Part 3: Amplifiers  | 33.160.10 | New | DFM Electronics store   | IEC 60268-3:2013     | P1 | 2017-10-29    | 2018-06-30 |
| 14 | TBS/EDC 6 | TBS/EDC 6 (5319) P1 | Sound system equipment - Part 5: Loudspeakers  | 33.160.50 | New | DFM Electronics store   | IEC 60268-5:2013     | P1 | 2017-10-29    | 2018-06-30 |
| 15 | TBS/EDC 6 | TBS/EDC 6 (5320) P1 | Sound system equipment– Part 4: Microphones  | 33.160.50 | New | TANDAR Digital store    | IEC 60268-4:2014     | P1 | 2017-10-29    | 2018-06-30 |
| 16 | TBS/EDC 6 | TBS/EDC 6 (5321) P1 | Sound system equipment - Part 7: Headphones and earphones  | 33.160.50 | New | RIWA electronics Centre | IEC 60268-7:2010     | P1 | 2017-10-29    | 2018-06-30 |
| 17 | TBS/EDC 6 | TBS/EDC 6 (5322) P1 | Liquid crystal display devices - Part 1-1: Generic - Generic specification   | 31.120    | New | SWEA computer centre    | IEC 61747-1-1:2014   | P1 | November 2017 | 2018-06-30 |
| 18 | TBS/EDC 6 | TBS/EDC 6 (5323) P1 | Touch and interactive displays - Part 13-10: Reliability test methods of touch displays - Environmental durability test methods                            | 31.120    | New | SWEA computer centre    | IEC 62908-13-10:2016 | P1 | November 2017 | 2018-06-30 |
| 19 | TBS/EDC 6 | TBS/EDC 6 (5324) P1 | Touch and interactive displays - Part 12-10: Measurement methods of touch displays - Touch and electrical performance                                      | 31.120    | New | SWEA computer centre    | IEC 62908-12-10:2017 | P1 | November 2017 | 2018-06-30 |
| 20 | TBS/EDC 6 | TBS/EDC 6 (5325) P1 | Determination of RF field strength, power density and SAR in the vicinity of radiocommunication base stations for the purpose of evaluating human exposure | 13.280    | New | TCRA & TAEC             | IEC 62232:2017       | P1 | February 2018 | 2018-06-30 |
| 21 | TBS/EDC 6 | TBS/EDC 6 (4013) P1 | Set Top Box Specifications for Digital Terrestrial Television (DVB – T2)   | 33.060.20 | New | TCRA                    | none                 | P1 | February 2018 | 2018-06-30 |

|    |           |                     |  |           |          |                            |                  |    |               |            |
|----|-----------|---------------------|--|-----------|----------|----------------------------|------------------|----|---------------|------------|
| 22 | TBS/EDC 6 | TBS/EDC 6 (5326) P1 | Measurement procedure for the assessment of specific absorption rate of human exposure to radio frequency fields from hand-held and body-mounted wireless communication devices – Part 1: Devices used next to the ear (Frequency range of 300 MHz to 6 GHz) | 13.280    | New      | TCRA & TAEC                | IEC 62209-1:2016 | P1 | February 2018 | 2018-06-30 |
| 23 | TBS/EDC 6 | TBS/EDC 6 (5331) P1 | External TV antennas in the frequency range 30 MHz to 1 GHz — Specification  | 33.060.20 | New      | TCRA                       |                  | P1 | February 2018 | 2018-06-30 |
| 24 | TBS/EDC1  | TBS/EDC1 (5327) P1  | TZS 448(Part 1): 1990 (Rev) Safety of household and similar electrical appliances – Part 1\: General requirements  | 97.030    | Revision | Revision                   | IEC 60335-1      | P1 | January 2018  | 2018-06-30 |
| 25 | TBS/EDC1  | TBS/EDC1 (5328) P1  | TZS 448(Part 2-3):1995 (Rev) Safety of household and similar electrical appliances – Part 2\3\: Appliances for heating liquids   | 97.030    | Revision | Revision                   | IEC 60335-2-3    | P1 | January 2018  | 2018-06-30 |
| 26 | TBS/EDC1  | TBS/EDC1 (5329) P1  | TZS 448(Part 2-2):1992 (Rev) Safety of household and similar electrical appliances – Part 2\2\: Particular requirements for cooking ranges, cooking tables, ovens and similar appliances for household use   | 97.030    | Revision | Revision                   | IEC 60335-2-2    | P1 | January 2018  | 2018-06-30 |
| 27 | TBS/EDC3  | TBS/EDC3(3922)      | Power cables with extruded insulation and their accessories for rated voltages from 1 kV (Um = 1,2 kV) up to 30 kV (Um = 36 kV) – Part 2: Cables for rated voltages from 6 kV (Um = 7,2 kV) up to 30 kV (Um = 36 kV)   | 29.060.01 | New      | GUPTA power Infrastructure | IEC 60502-2      | P1 | March 2018    | 2018-06-30 |
| 28 | TBS/EDC1  | TBS/EDC1(5316)      | EC grade aluminum rod produced by continuous casting and rolling-Specification   | 29.060.01 | New      | GUPTA power Infrastructure |                  | P1 | March 2018    | 2018-06-30 |
| 29 | TBS/EDC1  | TBS/EDC1(3921)      | Crosslinked Polyethylene Insulated Thermoplastics Sheathed Cables, Part 2: for Working Voltages from 3.3 kV up to and Including 33 kV  | 29.060.01 | New      | GUPTA power Infrastructure |                  | P1 | March 2018    | 2018-06-30 |
| 30 | TBS/EDC1  | TBS/EDC1 (5330)     | TZS 448 (Part 2-1):1990 (Rev) Safety of household and similar electrical appliances – Particular requirements – Part 2\1\: General   | 97.030    | Revision | Revision                   | IEC 60335-2-1    | P1 | November 2017 | 2018-06-30 |
| 31 | TBS/EDC 6 | TBS/EDC 6 (4751) P2 | Mobile Handsets - Part 1: Safety Requirements  | 33.050.10 | New      | TCRA                       |                  | P1 | November 2017 | 2018-06-30 |
| 32 | TBS/EDC1  | EDC1(5240) P2       | Minimum Accuracy and Environmental Standard for Electricity Metering for Mini-   | 17.220.20 | New      | World Bank IFC             |                  | P2 | October 2017  | 2018-06-30 |

|    |            |                      |  |           |     |                |  |    |              |            |
|----|------------|----------------------|--|-----------|-----|----------------|--|----|--------------|------------|
|    |            |                      | Grid Projects  |           |     |                |  |    |              |            |
| 33 | TBS/EDC 5  | TBS/EEDC 5 (5236) P2 | P1 Standard for Interconnection of Mini-grid Systems with less than 1MW of Generation with the National Grid | 29.240.20 | New | World Bank IFC |  | P2 | October 2017 | 2018-06-30 |
| 34 | TBS/EEDC 5 | TBS/EEDC 5 (5236) P2 | PI Mini-Grid Projects - Distribution Standard for Overhead MV and LV lines                                   | 29.240.20 | New | World Bank IFC |  | P2 | October 2017 | 2018-06-30 |
| 35 | TBS/EDC 5  | TBS/EDC 5 (5235) P2  | Application of Inverters to Mini-Grid System   | 29.200    | New | World Bank IFC |  | P2 | October 2017 | 2018-06-30 |
| 36 | TBS/EDC 5  | TBS/EDC 5 (5234) P2  | Mini-grid Project Planning and Service Tier Requirement  | 29.240    | New | World Bank IFC |  | P2 | October 2017 | 2018-06-30 |



## 2 Mechanical Engineering Divisional Standards Committee (MEDC)

| S/No. | Committee code | Project No.           | Title  | ICS No.   | Rev/ New | Source                   | International relatedness | Stage | Stage Date | Target Date |
|-------|----------------|-----------------------|--|-----------|----------|--------------------------|---------------------------|-------|------------|-------------|
| 1.    | TBS/MEDC 9     | TBS/MEDC-9 (5503) P1  | Road vehicles – Code of practice for inspection and testing of used motor vehicles for roadworthiness (Rev TZS 698:2012) | 43.100.   | Rev      | Systematic review        | NIL                       | P1    | 2017-07-03 | 2018-06-30  |
| 2.    | TBS/MEDC 9     | TBS/MEDC-9 (5518) P1  | Freight containers twist locks   | 55.180.10 | New      | Regulator                | NIL                       | P1    | 2017-07-03 | 2018-06-30  |
| 3.    | TBS/MEDC 10    | TBS/MEDC-10 (3408) P1 | Honey extractor - Requirements   | 65.140    | New      | Regulator                | NIL                       | P1    | 2017-07-03 | 2018-06-30  |
| 4.    | TBS/MEDC 10    | TBS/MEDC-10 (5504) P1 | Agricultural Trailer – General requirements  | 65.060.10 |          | Regulator                | NIL                       | P1    | 2017-07-03 | 2018-06-30  |
| 5.    | TBS/MEDC 9     | TBS/MEDC-9 (5277) P1  | Pneumatic tyres for passenger cars – Specification (Rev TZS 618: 1999)   | 83.160.10 | Rev      | Systematic review        | NIL                       | P1    | 2017-07-03 | 2018-06-30  |
| 6.    | TBS/MEDC 2     | TBS/MEDC-2 (5000) P2  | Steel wool – Specifications  | 77.140    | New      | Certification department | NIL                       | P2    | 2016-09-08 | 2018-06-30  |
| 7.    | TBS/MEDC 2     | TBS/MEDC-2 (5002) P1  | Gas cylinders – Safe handling  | 23.020.35 | New      | Regulator                | ISO 11625:2015            | P2    | 2016-09-08 | 2018-06-30  |
| 8.    | TBS/MEDC 2     | TBS/MEDC-2 (5001) P1  | Industrial wire cloth for general engineering purposes   | 73.120    | New      | Manufacturer             |                           | P2    | 2016-09-08 | 2018-06-30  |
| 9.    | TBS/MEDC 10    | TBS/MEDC-10 (5251) P1 | Agriculture gain dryer –Determination of performance - General requirements  | 65.040.20 | New      | Regulator                | ISO 115201:1997           | P1    | 2017-07-03 | 2018-06-30  |
| 10    | TBS/MEDC 10    | TBS/MEDC-10 (5252) P1 | Agriculture gain dryer –Determination of performance - General Additional procedures and crop-specific requirement       | 65.040.20 | New      | Regulator                | ISO 115202:2001           | P1    | 2017-07-03 | 2018-06-30  |
| 11    | TBS/MEDC 2     | TBS/MEDC-2 (5505) P1  | Burners for domestic gas stove for use with LPG - Specification  | 27.060.20 | New      | Testing department       |                           | P1    | 2017-07-03 | 2018-06-30  |
| 12    | TBS/MEDC 2     | TBS/MEDC-2 (5506) P1  | Soldering wire – Specification   | 25.160.50 | New      | Certification department |                           | P1    | 2017-07-03 | 2018-06-30  |
| 13    | TBS/MEDC       | TBS/MEDC-9            | School Bus – Specification   | 43.040.50 | New      | Sregulator               |                           | P1    | 2017-      | 2018-       |

|    |                |                          |   |           |     |                            |                      |    |                |                |
|----|----------------|--------------------------|---|-----------|-----|----------------------------|----------------------|----|----------------|----------------|
|    | 9              | (5519) P1                |   |           |     |                            |                      |    | 07-03          | 06-30          |
| 14 | TBS/MEDC<br>9  | TBS/MEDC-9<br>(5507) P1  | Motor vehicle LPG refueling station   | 75.200    | New | UDSM – COET-<br>Researcher |                      | P1 | 2017-<br>07-03 | 2018-<br>06-30 |
| 15 | TBS/MEDC<br>9  | TBS/MEDC-9<br>(5508) P1  | Protective Helmets for Bicycle Riders –<br>Specification  | 43.140    | New | Regulator                  |                      | P1 | 2017-<br>07-03 | 2018-<br>06-30 |
| 16 | TBS/MEDC<br>9  | TBS/MEDC-9 ( )<br>P1     | Road vehicles — semi-trailer fifth wheel kingpin<br>and coupling  | 43.040.70 | New | Manufacturer               | ISO                  | P1 |                | 2018-<br>06-30 |
| 17 | TBS/MEDC<br>13 | TBS/MEDC-13<br>(4938) P1 | Specification for first Aid hose-reel for fire fighting   | 13.220.20 | New | Construction<br>industry   |                      | P2 | 2016-<br>07-08 | 2018-<br>06-30 |
| 18 | TBS/MEDC<br>11 | TBS/MEDC-11<br>(5101) P1 | Water meters for cold portable water and hot<br>water – Part 2: Test Method   | 91.140.60 | New | Regulator                  | ISO<br>4064-2:2014   | P2 | 2016-<br>10-22 | 2018-<br>06-30 |
| 19 | TBS/MEDC<br>11 | TBS/MEDC-11<br>(5100) P1 | Water meters for cold portable water and hot<br>water – Part 3: Test Report   | 91.140.60 | New | Regulator                  | ISO<br>4064-3:2014   | P2 | 2016-<br>10-22 | 2018-<br>06-30 |
| 20 | TBS/MEDC<br>11 | TBS/MEDC-11<br>(5102) P1 | Measurement of fluid flow in closed conduit-<br>ultrasonic transit – time meters for liquid   | 17.120.10 | New | Regulator                  | ISO<br>12242:2014    | P1 | 2017-<br>07-03 | 2018-<br>06-30 |
| 21 | TBS/MEDC<br>13 | TBS/MEDC-13<br>(3164) P1 | Protective clothing against heat and flame-<br>determination of heat transmission of exposure to<br>flame   | 13.340.10 | New | Fire and rescue<br>force   | ISO<br>9151:1995     | P2 | 2017-<br>07-03 | 2018-<br>06-30 |
| 22 | TBS/MEDC<br>11 | TBS/MEDC-11<br>(5509) P1 | Standard Specification for Fuel Oil Meters of the<br>Volumetric Positive Displacement Type  | 75.200    | New | Regulator                  | NIL                  | P1 | 2017-<br>07-03 | 2018-<br>06-30 |
| 23 | TBS/MEDC<br>11 | TBS/MEDC-11<br>(5510) P1 | Sluice valve for water works purposes (50 to 1 20<br>mm size) —specification  | 23.060.30 | New | Regulator                  | NIL                  | P1 | 2017-<br>07-03 | 2018-<br>06-30 |
| 24 | TBS/MEDC<br>11 | TBS/MEDC-11<br>(5511) P1 | Horizontal Centrifugal Pumps for Clear, Cold<br>Water, Part 1: Agricultural and Rural Water<br>Supply Purposes                                    | 23.100.10 | New | Testing<br>department      | NIL                  | P1 | 2017-<br>07-03 | 2018-<br>06-30 |
| 25 | TBS/MEDC<br>11 | TBS/MEDC-11<br>(5512) P1 | Horizontal Centrifugal Pumps for Clear, Cold<br>Water, Part 2 general purpose (other than<br>agricultural and rural water supply) – specification | 23.100.10 | New | Testing<br>department      | NIL                  | P1 | 2017-<br>07-03 | 2018-<br>06-30 |
| 26 | TBS/MEDC<br>13 | TBS/MEDC-13<br>(5513) P1 | Fire detection and alarm systems — Part 1:<br>General and definition  | 13.220.20 | New | Construction<br>industry   | ISO<br>7240-1:2014   | P1 | 2017-<br>07-03 | 2018-<br>06-30 |
| 27 | TBS/MEDC<br>13 | TBS/MEDC-13<br>(5514) P1 | Fire protection -- Automatic sprinkler systems --<br>Part 1: Requirements and test methods for<br>sprinklers                                      | 13.220.20 | New | Construction<br>industry   | ISO<br>6182-1:2014   | P1 | 2017-<br>07-03 | 2018-<br>06-30 |
| 28 | TBS/MEDC<br>13 | TBS/MEDC-13<br>(5515) P1 | Fire protection -- Automatic sprinkler systems --<br>Part 3: Requirements and test methods for dry<br>pipe valves                                 | 13.220.20 | New | Construction<br>industry   | ISO<br>6182-3:2012   | P1 | 2017-<br>07-03 | 2018-<br>06-30 |
| 29 | TBS/MEDC<br>13 | TBS/MEDC-13<br>(5516) P1 | Fire protection -- Automatic sprinkler systems --<br>Part 5: Requirements and test methods for<br>deluge valves                                   | 13.220.20 | New | Construction<br>industry   | ISO<br>6182-5:2012   | P1 | 2017-<br>07-03 | 2018-<br>06-30 |
| 30 | TBS/MEDC<br>10 | TBS/MEDC-13<br>(5517) P1 | Farm implements – shovels - Specification (Rev<br>TZS 435:1992)   | 65.060    | Rev | Systematic<br>review       |                      | P1 | 2017-<br>07-03 | 2018-<br>06-30 |
| 31 | TBS/MEDC<br>4  | TBS/MEDC-4<br>(5144) P1  | Plastics piping systems for hot and cold-water<br>installations – Polypropylene (PP) -Part 1:<br>General  | 23.040.20 | New | Stakeholders               | ISO 15874-<br>1:2013 | P1 | 2017-<br>07-03 | 2018-<br>06-30 |
| 32 | TBS/MEDC       | TBS/MEDC-4               | Plastics piping systems for hot and cold water  | 23.040.20 | New | Stakeholders               | ISO 15874-           | P1 | 2017-          | 2018-          |

|    |               |                         |  |           |     |                   |                     |    |            |            |
|----|---------------|-------------------------|--|-----------|-----|-------------------|---------------------|----|------------|------------|
|    | 4             | (5145) P1               | installations – Polypropylene (PP) - Part 2: Pipes   |           |     |                   | 2:2013              |    | 07-03      | 06-30      |
| 33 | TBS/MEDC<br>4 | TBS/MEDC-4<br>(5146) P1 | Plastics piping systems for hot and cold water installations – Polypropylene(PP) – Part 3: Fittings                                  | 23.040.45 | New | Stakeholders      | ISO 15874-3:2013    | P1 | 2017-07-03 | 2018-06-30 |
| 34 | TBS/MEDC<br>4 | TBS/MEDC-4<br>(5147) P1 | Plastics piping systems for hot and cold water installations – Polypropylene(PP) – Part 5: Fitness for purpose of the system         | 23.040.20 | New | Stakeholders      | ISO 15874-5:2013    | P1 | 2017-07-03 | 2018-06-30 |
| 35 | TBS/MEDC<br>4 | TBS/MEDC-4<br>(5148) P1 | Plastics piping systems for hot and cold water installations – Polypropylene(PP) – Part 7: Guidance for the assessment of conformity | 23.040.01 | New | Stakeholders      | ISO/TS 15874-7:2003 | P1 | 2017-07-03 | 2018-06-30 |
| 36 | TBS/MEDC<br>4 | TBS/MEDC-9<br>(4647) P1 | Modified safari vehicles   | 43.040.60 | New | Manufacturer      |                     | P2 | 2017-02-01 | 2018-06-30 |
| 37 | TBS/MEDC<br>9 | TBS/MEDC-9<br>(5171) P1 | Road vehicle – Rural passenger transportation requirements   | 43.040.60 | New | Regulator         |                     | P2 | 2017-02-01 | 2018-06-30 |
| 38 | TBS/MEDC<br>2 | TBS/MEDC-2 ( ) P1       | Aerosols — containers and products — Part 2: Household aerosols against flying and crawling insects — Specification (Rev 61)         | 55.130    | Rev | Systematic review |                     | P1 | 2017-07-03 | 2018-06-30 |
| 39 | TBS/MEDC<br>9 | TBS/MEDC-9<br>(5257) P1 | Battery powered tricycle   | 55.130    | New | Manufacturer      |                     | P1 | 2017-07-03 | 2018-06-30 |
| 40 | TBS/MEDC<br>2 | TBS/MEDC-2 ( ) P1       | Welding electrode Specification  | 25.160.20 | New | Stakeholders      |                     | P1 | 2017-07-03 | 2018-06-30 |
| 41 | TBS/MEDC<br>2 | TBS/MEDC-9 ( ) P1       | Motor cycles for general use – Part 1: Specification for two wheeled motorcycles   | 43.140    |     | Systematic review |                     |    |            |            |

### 3 Building and Construction Divisional Standards Committee (BCDC)

| S/No. | Committee code | Project No.       | Title  | ICS No.        | Rev/With/ New | Source       | International relatedness | Stage | Stage Date | Target Date |
|-------|----------------|-------------------|--|----------------|---------------|--------------|---------------------------|-------|------------|-------------|
| 1.    | TBS/BCDC 6     | FTZS 256-1:2017   | Timber – Dimensions for coniferous sawn timber (Cypress and Pine)  | ICS: 91.080.20 | Rev           | Stakeholders | ISO 3179: 1974            | FTZS  | 2017-06-12 | 2018-06-30  |
| 2.    | TBS/BCDC 6     | FTZS 333: 2017    | Timber – Determination of average moisture content of a lot.   | ICS: 91.080.20 | Rev           | Stakeholders | ISO 4470: 1981            | FTZS  | 2017-06-12 | 2018-06-30  |
| 3.    | TBS/BCDC 6     | FTZS 2043-1: 2017 | Physical and mechanical properties of wood — Test methods for small clear wood specimens — Part 1: Determination of moisture content for physical and mechanical tests | ICS: 91.080.20 | Rev           | Stakeholders | ISO13061-1:2014           | FTZS  | 2017-06-12 | 2018-06-30  |
| 4.    | TBS/BCDC 6     | FTZS 2043-2: 2017 | Physical and Mechanical Properties of Wood — Test Methods for Small Clear Wood Specimens — Part 2: Determination of density for physical and mechanical tests          | ICS: 91.080.20 | Rev           | Stakeholders | ISO 3129:2012             | FTZS  | 2017-06-12 | 2018-06-30  |
| 5.    | TBS/BCDC 6     | FTZS 2043-6: 2017 | Physical and mechanical properties of wood — Test methods for small clear wood specimens — Part 6: Determination of ultimate tensile stress parallel to grain          | ICS: 91.080.20 | Rev           | Stakeholders | ISO 13061-6: 2014         | FTZS  | 2017-06-12 | 2018-06-30  |
| 6.    | TBS/BCDC 6     | FTZS 2043-7: 2017 | Physical and mechanical properties of wood — Test methods for small clear wood specimens — Part 7: Determination of ultimate tensile stress perpendicular to grain     | ICS: 91.080.20 | Rev           | Stakeholders | ISO 13061-7: 2014         | FTZS  | 2017-06-12 | 2018-06-30  |
| 7.    | TBS/BCDC 6     | FTZS 1437: 2017   | Timber structures – Dowel-type fasteners – Part 1: Determination of yield moment   | ICS: 91.080.20 | Rev           | Stakeholders | ISO 6891: 1983            | FTZS  | 2017-06-12 | 2018-06-30  |
| 8.    | TBS/BCDC 6     | FTZS 1439-1: 2017 | Physical and mechanical properties of wood — Test methods for small clear wood specimens — Part 1: Determination of moisture content for physical and mechanical tests | ICS: 91.080.20 | Rev           | Stakeholders | ISO 10984-1:2009          | FTZS  | 2017-06-12 | 2018-06-30  |
| 9.    | TBS/BCDC 6     | FTZS 1439-2: 2017 | Timber structures — Dowel-type fasteners — Part 2: Determination of embedding strength   | ICS: 91.080.20 | Rev           | Stakeholders | ISO 10984-2:2009          | FTZS  | 2017-06-12 | 2018-06-30  |
| 10.   | TBS/BCDC 6     | FTZS 1440-1: 2017 | Timber structures – Bending strength of I-beams – Part 1: Testing, evaluation and characterization   | ICS: 91.080.20 | Rev           | Stakeholders | ISO 22389-1: 2010         | FTZS  | 2017-06-12 | 2018-06-30  |

|     |               |                       |  |                   |     |              |                    |      |            |            |
|-----|---------------|-----------------------|--|-------------------|-----|--------------|--------------------|------|------------|------------|
| 11. | TBS/BCDC<br>6 | FTZS<br>1441:<br>2017 | Timber structures – Testing of joints made with mechanical fasteners – Requirements for wood density | ICS:<br>91.080.20 | Rev | Stakeholders | ISO 8970: 2010     | FTZS | 2017-06-12 | 2018-06-30 |
| 12. | TBS/BCDC<br>6 | FTZS<br>1573 2017     | Wood – Determination of nail and screw holding power under axial load application                    | ICS:<br>91.080.20 | Rev | Stakeholders | ISO 9087: 1998     | FTZS | 2017-06-12 | 2018-06-30 |
| 13. | TBS/BCDC<br>6 | BCDC 6<br>(5332)P1    | Wood poles and blocks for power and telecommunication line –Specification                            | ICS:<br>79.040    | Rev | Stakeholders |                    | P1   | 2017-08-14 | 2018-06-30 |
| 14. | TBS/BCDC<br>6 | BCDC 6<br>(5333)P1    | Timber – Sampling methods and general requirements for physical and mechanical tests                 | ICS:<br>91.080.20 | Rev | Stakeholders | ISO 3129:2012      | P1   | 2017-08-14 | 2018-06-30 |
| 15. | TBS/BCDC<br>6 | BCDC 6<br>(5334)P1    | Timber – Determination of volumetric shrinkage (Ed 2)  | ICS:<br>91.080.20 | Rev | Stakeholders | ISO 4858:1982,     | P1   | 2017-08-14 | 2018-06-30 |
| 16. | TBS/BCDC<br>6 | BCDC 6<br>(5335)P1    | Timber – Determination of volumetric swelling (Ed 2)   | ICS:<br>91.080.20 | Rev | Stakeholders | ISO 4860:<br>1982, | P1   | 2017-08-14 | 2018-06-30 |
| 17. | TBS/BCDC<br>6 | BCDC 6<br>(5336)P1    | Timber – Determination of radial and tangential shrinkage (Ed 2)                                     | ICS:<br>91.080.20 | Rev | Stakeholders | ISO 4469:<br>1981, | P1   | 2017-08-14 | 2018-06-30 |
| 18. | TBS/BCDC<br>6 | BCDC 6<br>(5337)P1    | Timber – Determination of radial and tangential swelling (Ed 2)                                      | ICS:<br>91.080.20 | Rev | Stakeholders | ISO 4859:<br>1982, | P1   | 2017-08-14 | 2018-06-30 |
| 19. | TBS/BCDC<br>6 | BCDC 6<br>(5338)P1    | Timber – Determination of ultimate stress in compression perpendicular to grain (Ed 2)               | ICS:<br>91.080.20 | Rev | Stakeholders | ISO 3132: 1975     | P1   | 2017-08-14 | 2018-06-30 |
| 20. | TBS/BCDC<br>6 | BCDC 6<br>(5339)P1    | Timber – Determination of ultimate stress in compression parallel to grain (Ed 2)                    | ICS:<br>91.080.20 | Rev | Stakeholders | ISO 3787:1976      | P1   | 2017-08-14 | 2018-06-30 |
| 21. | TBS/BCDC<br>6 | BCDC 6<br>(5340)P1    | Hardwood furniture timber—Specification  | ICS:<br>91.080.20 | New | Stakeholders |                    | P1   | 2017-08-14 | 2018-06-30 |
| 22. | TBS/BCDC<br>5 | BCDC 5<br>(5341)P1    | Hydraulic roads binders--composition, specification and conformity criteria.                         | ICS:<br>91.080.20 | New | Stakeholders |                    | P1   | 2017-08-14 | 2018-06-30 |
| 23. | TBS/BCDC<br>5 | BCDC 5<br>(5594)P1    | Specification for road humps and rumble strips   | ICS:<br>79.040    | Rev | Stakeholders |                    | P1   | 2017-09-15 | 2018-06-30 |

#### 4 General Techniques Divisional Standards Committee (GTDC)

| S/N o.  | Committee code | Project No.    | Title   | ICS No.   | Rev/New | Source            | International relatedness | Stage | Stage Date | Target Date |
|---|----------------|----------------|---|-----------|---------|-------------------|---------------------------|-------|------------|-------------|
| <b>GTDC1 QUANTITY AND UNITS</b>               |                |                |   |           |         |                   |                           |       |            |             |
| 1   | TBS/GTD C1     | GTDC1(4561) P1 | Rounding off numerical values TZS 4:2009  | 11.140    | Rev.    | Systematic review |                           | P1    | 27/11/2017 | 30/6/2018   |
| <b>GTDC3 QUALITY MANAGEMENT AND ASSURANCE</b> |                |                |   |           |         |                   |                           |       |            |             |
| 2   | TBS/GTD C3     | GTDC3(5487) P1 | Anti-bribery management systems (ISO 37001:2016)  | 03.100.02 | New     | Stakeholders      | ISO 37001                 | P1    | 22/09/2017 | 30/06/2018  |
| 3   | TBS/GTD C3     | GTDC3(5488) P1 | Management system for private security operations - Requirements with guidance for use                                  | 03.100.01 | New     | Stakeholders      | ISO 18788                 | P1    | 22/09/2017 | 30/06/2018  |
| 4   | TBS/GTD C3     | GTDC3(5489) P1 | Risk management -Principles and guidelines  | 03.100.01 | New     | Stakeholders      | ISO 31000                 | P1    | 22/09/2017 | 30/06/2018  |
| 5   | TBS/GTD C3     | GTDC3(5490) P1 | Human resource management - Guidelines on human governance  | 03.100.30 | New     | Stakeholders      | ISO 30408                 | P1    | 22/09/2017 | 30/06/2018  |
| 6   | TBS/GTD C3     | GTDC3(5491) P1 | Energy management systems - Guidance for the implementation, maintenance and improvement of an energy management system | 03.100.70 | New     | Stakeholders      | ISO 50004                 | P1    | 22/09/2017 | 30/06/2018  |
| 7   | TBS/GTD C3     | GTDC3(5492) P1 | Risk management – Risk assessment techniques  | 03.100.01 | New     | Stakeholders      | ISO 31010                 | P1    | 22/09/2017 | 30/06/2018  |
| 8   | TBS/GTD C3     | GTDC3(5493) P1 | Quality management – Customer satisfaction – Guideline for business to consumer electronic commerce transaction         | 3.06      | New     | Stakeholders      | ISO 10008                 | P1    | 22/09/2017 | 30/06/2018  |
| <b>GTDC4 PACKAGING</b>                        |                |                |   |           |         |                   |                           |       |            |             |

|  |               |                   |  |           |      |                      |             |    |            |            |
|--|---------------|-------------------|--|-----------|------|----------------------|-------------|----|------------|------------|
| 9  | TBS/GTD<br>C4 | GTDC4(4572)<br>P1 | Packaging-Polypropylene raschel tea<br>harvesting bags bags-specification  |           | New  | Systematic<br>review |             | P1 |            | 30/06/2018 |
| 10   | TBS/GTD<br>C4 | GTDC4(5006)<br>P1 | Specification for<br>Oblong(rectangular)flat-top tins for<br>Liquids   |           | New  | Systematic<br>review |             | P1 | 20/10/2017 | 30/06/2018 |
| 11   | TBS/GTD<br>C4 | GTDC4(5007)<br>P1 | Aluminium foil laminate for Packaging<br>specification   |           | New  | Systematic<br>review |             | P1 | 20/10/2017 | 30/06/2018 |
| 12   | TBS/GTD<br>C4 | GTDC4(5477)<br>P1 | Glass Containers -Manufacture-<br>Vocabulary   | 55.100    | New  | Systematic<br>review | ISO 7348    | P1 | 20/10/2017 | 30/06/2018 |
| 13   | TBS/GTD<br>C4 | GTDC4(5478)<br>P1 | Glass Packaging-Standards tolerance<br>for flaconnage  | 55.100    | New  | Systematic<br>review | ISO9058     | P1 | 20/10/2017 | 30/06/2018 |
| 14   | TBS/GTD<br>C4 | GTDC4(5480)<br>P1 | Corrugated fibre-board-<br>Determination of edgewise crush<br>resistance (un-waxed edge method).<br>TZS 543:2009) Revision | 85.080.30 | Rev  | Systematic<br>review | ISO 3037    | P1 | 20/10/2017 | 30/06/2018 |
| 15   | TBS/GTD<br>C4 | GTDC4(5481)<br>P1 | Packaging-Method of specification for<br>sacks-Part1: Paper sacks (TZS<br>744:2003) Revision                               | 55.080    | Rev  | Systematic<br>review | ISO 8351    | P1 | 20/10/2017 | 30/06/2018 |
| 16   | TBS/GTD<br>C4 | GTDC4(5482)<br>P1 | Sharps containers-specification (TZS<br>1298:2010) Revision  | 11.140    | Rev  | Systematic<br>review |             | P1 | 20/10/2017 | 30/06/2018 |
| 17   | TBS/GTD<br>C4 | GTDC4(5483)<br>P1 | Packaging-Metal crown closure for<br>glass bottle-specification TZS1274:<br>2010Revision                                   | 55.100    | Rev  | Systematic<br>review |             | P1 | 20/10/2017 | 30/06/2018 |
| 18   | TBS/GTD<br>C4 | GTDC4(5485)<br>P1 | Packaging- Metal can for instant<br>coffee-specifications TZS 1125:2009<br>Revision  |           | Rev  | Systematic<br>review |             | P1 | 20/10/2017 | 30/06/2018 |
| 19   | TBS/GTD<br>C4 | GTDC4(5486)<br>P1 | Corrugated fibre board boxes TZS<br>1126:2009 Revision   |           | Rev  | Systematic<br>review |             | P1 | 20/10/2017 | 30/06/2018 |
| <b>GTDC5 INFORMATION AND DOCUMENTATION</b> |               |                   |  |           |      |                      |             |    |            |            |
| 20   | TBS/GTD<br>C5 | GTDC5(5164)<br>P1 | Information and documentation –<br>Record  | 01.140.20 | Rev. | Systematic<br>review | ISO 15489-1 | P1 | 31/10/2017 | 30/06/2018 |
| 21   | TBS/GTD<br>C5 | GTDC5(5496)<br>P1 | Information and documentation -<br>Document storage requirements for<br>archive and library materials (ISO<br>11799:2015)  | 01.140.20 | New  | Stakeholders         | ISO 11799   | P1 | 31/10/2017 | 30/06/2018 |
| 22   | TBS/GTD<br>C5 | GTDC5(5497)<br>P1 | Information and documentation -<br>Management systems for records --<br>Guidelines for implementation (ISO<br>30302:2015)  | 01.140.20 | New  | Stakeholders         | ISO 30302   | P1 | 31/10/2017 | 30/06/2018 |

|                                    |               |                   |  |           |     |                      |             |    |            |            |
|------------------------------------|---------------|-------------------|--|-----------|-----|----------------------|-------------|----|------------|------------|
| 23                                 | TBS/GTD<br>C5 | GTDC5(5498)<br>P1 | Information and documentation -<br>Management systems for records –<br>Requirements(ISO 30301:2011)  | 01.140.20 | New | Stakeholders         | ISO 30301   | P1 | 31/10/2017 | 30/06/2018 |
| 24                                 | TBS/GTD<br>C5 | GTDC5(5499)<br>P1 | Information and documentation -<br>Principles and functional requirements<br>for records in electronic office<br>environments -- Part 1: Overview and<br>statement of principles (ISO 16175-<br>1:2010)  | 01.140.20 | New | Stakeholders         | ISO 16175-1 | P1 | 31/10/2017 | 30/06/2018 |
| 25                                 | TBS/GTD<br>C5 | GTDC5(5500)<br>P1 | Information and documentation -<br>Principles and functional requirements<br>for records in electronic office<br>environments -- Part 2: Guidelines and<br>functional requirements for digital<br>records management systems (ISO<br>16175-2:2011) | 01.140.20 | New | Stakeholders         | ISO 16175-2 | P1 | 31/10/2017 | 30/06/2018 |
| <b>GTDC6 SOCIAL RESPONSIBILITY</b> |               |                   |  |           |     |                      |             |    |            |            |
| 26                                 | TBS/GTD<br>C6 | GTDC6(5582)<br>P1 | Guidance on Social Responsibility<br>(ISO26000:2010)-<br>(Rev.TZS1363:2010)  | 03.120.02 | Rev | Systematic<br>review | ISO26000    | P1 | 23/10/2017 | 30/06/2018 |
| <b>GTDC7 SOCIAL SECURITY</b>       |               |                   |  |           |     |                      |             |    |            |            |
| 27                                 | TBS/GTD<br>C7 | GTDC7(5494)<br>P1 | Societal security – Mass evacuation –<br>Guidelines for planning (ISO<br>22315:2014)   | 03.100.01 | New | Systematic<br>review | ISO 22315   | P1 | 29/11/2017 | 30/06/2018 |
| 28                                 | TBS/GTD<br>C7 | GTDC7(5495)<br>P1 | Societal security – Emergency<br>management – Guidelines for public<br>warning (ISO 22322:2015)  | 03.100.01 | New | Systematic<br>review | ISO 22322   | P1 | 29/11/2017 | 30/06/2018 |



## 5 Agriculture & Food Divisional Standards Committee (AFDC)

| S/No. | Committee code | Project No.            | Title   | ICS No.   | Rev/ New | Source            | International relatedness | Stage | Stage Date | Target Date |
|-------|----------------|------------------------|---|-----------|----------|-------------------|---------------------------|-------|------------|-------------|
| 1.    | TBS/AFDC 30    | AFDC 30(3267)P1        | Chocolate-Specification   | 67.190    | New      | Stakeholders      | (to be filled)            | P1    | 2017-12-15 | 2018-06-30  |
| 2.    | TBS/AFDC 30    | AFDC 30(3538)P1        | Cocoa powder(Unsweetened)-Specification   | 67.140.30 | New      | Stakeholders      |                           | P1    | 2017-12-15 | 2018-06-30  |
| 3.    | TBS/AFDC 30    | AFDC 30(3539)P1        | Cocoa powder-methods of preparation and analysis(Part1) sample preparation            | 67.140.30 | New      | Stakeholders      |                           | P1    | 2017-12-15 | 2018-06-30  |
| 4.    | TBS/AFDC 30    | AFDC 30(3540)P1        | Cocoa powder- methods of preparation and analysis (Part2) moisture content.           | 67.140.30 | New      | Stakeholders      |                           | P1    | 2017-12-15 | 2018-06-30  |
| 5.    | TBS/AFDC 30    | AFDC 30(3541)P1        | Cocoa powder - methods of preparation and analysis(Part3) water solubility            | 67.140.30 | New      | Stakeholders      |                           | P1    | 2017-12-15 | 2018-06-30  |
| 6.    | TBS/AFDC 30    | AFDC 30(3542)P1        | Cocoa powder – methods of preparation and analysis (Part4) pH determination           | 67.140.30 | New      | Stakeholders      |                           | P1    | 2017-12-15 | 2018-06-30  |
| 7.    | TBS/AFDC 30    | AFDC 30(3543)P1        | Cocoa powder- methods of preparation and analysis (Part5) Fineness-water sieving.     | 67.140.30 | New      | Stakeholders      |                           | P1    | 2017-12-15 | 2018-06-30  |
| 8.    | TBS/AFDC 30    | AFDC 30(3544)P1        | Cocoa powder-methods of preparation and analysis (Part6) Total fat.                   | 67.140.30 | New      | Stakeholders      |                           | P1    | 2017-12-15 | 2018-06-30  |
| 9.    | TBS/AFDC 30    | AFDC 30(3545)P1        | Cocoa powder- methods of preparation and analysis (Part7) crude fibre.                | 67.140.30 | New      | Stakeholders      |                           | P1    | 2017-12-15 | 2018-06-30  |
| 10.   | TBS/AFDC 30    | AFDC 30(3546)P1        | Cocoa powder- methods of preparation and analysis (Part8) moisture karlfircher.       | 67.140.30 | New      | Stakeholders      |                           | P1    | 2017-12-15 | 2018-06-30  |
| 11.   | TBS/AFDC 30    | AFDC 30(4084)P1        | Code of practice for production, processing and handling of cocoa.                    | 67.140.30 | New      | Stakeholders      |                           | P1    | 2017-12-15 | 2018-06-30  |
| 12.   | TBS/AFDC 24    | TBS/AFDC 24 (5457) P1  | ( Rev.TZS1152:2010) Green coffee – Preparation of samples for use in sensory analysis | 67.140.20 | Rev.     | Systematic review | ISO 4150:2011             | P1    | 2018-01-15 | 2018-06-30  |
| 13.   | TBS/AFDC 24    | TBS /AFDC 24 (5458) P1 | Rev.TZS 414 :2009(2nd Ed) Instant(soluble) coffee - Specification                     | 67.140.20 | Rev.     | Stakeholders      |                           | P1    | 2018-01-15 | 2018-06-30  |
| 14.   | TBS/AFDC 24    | TBS/AFDC 24 (5759) P1  | Rev. TZS 417: 2009 (2nd Ed) Roasted and ground coffee – Specification                 | 67.140.20 | Rev.     | Stakeholders      |                           | P1    | 2018-01-15 | 2018-06-30  |
| 15.   | TBS/AFDC 24    | TBS/AFDC 24 (5460) P1  | Green coffee beans – Specification  | 67.140.20 | New      | Stakeholders      |                           | P1    | 2018-01-15 | 2018-06-30  |

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| 16. | TBS/AFDC 24 | TBS/AFDC 24 (5461) P1  | Roasted ground coffee - Determination of moisture content – Karl Fischer method (Reference method) | 67.140.20 | New. | Systematic review | ISO 11817:1994 | P1 | 2018-01-15 | 2018-06-30 |
| 17. | TBS/AFDC 24 | TBS/AFDC 24 (5462) P1  | Rev.TZS416:2010 (2ndEd) Instant coffee – Sampling method for bulk units with liners                | 67.140.20 | Rev. | Systematic review | ISO 6670:2002  | P1 | 2018-01-15 | 2018-06-30 |
| 18. | TBS/AFDC 24 | TBS/AFDC 24 (5463) P1. | ( Rev.TZS1154:2010) Green coffee in bags – Guide on storage and transport                          | 67.140.20 | Rev. | Systematic review | ISO 8455:2011  | P1 | 2018-01-15 | 2018-06-30 |
| 19. | TBS/AFDC 15 | TBS/AFDC 15 (5087) P1  | Rev.TZS 584: 2003 Wafers – Specification   | 67.040    | Rev  | Stakeholders      |                | P1 | 2017-12-22 | 2018-06-30 |
| 20. | TBS/AFDC 15 | TBS/AFDC 15 (5088) P1  | Rev.TZS1426:2011 Edible Ice(Lollies) – Specification   | 67.100.40 | Rev  | Stakeholders      |                | P1 | 2017-12-22 | 2018-06-30 |
| 21. | TBS/AFDC 15 | TBS/AFDC 15 (5084) P1  | Rev.TZS 306:1987 Ice cream – Specification   | 67.100.40 | Rev  | Stakeholders      |                | P1 | 2017-12-22 | 2018-06-30 |
| 22. | TBS/AFDC 15 | TBS/AFDC 15 (5085)P1   | Rev. TZS 645: 2001 Ice cream cones – Specification   | 67.100.40 | Rev  | Stakeholders      |                | P1 | 2017-12-22 | 2018-06-30 |
| 23. | TBS/AFDC 15 | TBS/AFDC 15 (5464)P1   | East African donuts(Maandazi) – Specification  | 67.040    | New  | Stakeholders      |                | P1 | 2017-12-22 | 2018-06-30 |
| 24. | TBS/AFDC 15 | TBS/AFDC 15 (3992) P1  | Toffee – specification (Rev. TZS 645:2001)   | 67.040    | Rev  | Stakeholders      |                | P1 | 2017-12-22 | 2018-06-30 |

## 6 Chemicals Divisional Standards Committee (CDC)

| S/No. | Committee code | Project No.                      | Title  | ICS No.   | Rev/ New | Source            | International relatedness | Stage | Stage Date | Target Date |
|-------|----------------|----------------------------------|--|-----------|----------|-------------------|---------------------------|-------|------------|-------------|
| 1.    | TBC/CDC2       | TBC/CDC2 (4969) P2               | Soap soft - Specification (Revision of TZS 222: 1984)  | 71.100.40 | Rev      | Systematic review |                           | P2    | 2017-10-20 | 2018-01-30  |
| 2.    | TBS/CDC 2      | TBS/CDC2 (5412) P3/ EAS 794:2013 | Determination of the microbial inhibition of cosmetic soap bars and liquid hand and body washes — Test method            | 71.100.40 | New      | Stakeholders      |                           | P2    | 2017-07-01 | 2017-12-31  |
| 3.    | TBS/CDC 2      | FTZS 35: 2017                    | Soaps – Sampling and test methods  | 71.100.40 | Rev      | Systematic review |                           | FTZS  | 2017-09-02 | 2017-10-30  |
| 4.    | TBC/CDC2       | TBS/CDC2 (4970) P2               | Soap carbolic - Specification (Revision of TZS 221: 1984)  | 71.100.40 | Rev      | Systematic review |                           | P2    | 2017-10-20 | 2018-01-30  |
| 5.    | TBC/CDC2       | TBS/CDC2 (5220) P2               | Surface active agents – Methods for performance tests – Part 1: Relative dispersing power (Revision of TZS 224-1: 2009)  | 71.100.40 | Rev      | Systematic review |                           | P2    | 2017-10-20 | 2018-01-30  |
| 6.    | TBC/CDC2       | TBS/CDC2 (5221) P2               | Surface active agents – Methods for performance tests – Part 2: Relative emulsifying power (Revision of TZS 224-2: 2009) | 71.100.40 | Rev      | Systematic review |                           | P2    | 2017-10-20 | 2018-01-30  |
| 7.    | TBC/CDC2       | TBS/CDC2                         | Surface active agents – Methods for performance  | 71.100.40 | Rev      | Systematic        |                           | P2    | 2017-      | 2018-       |

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|-----|-----------|--|--|-----------|-----|---------------------------------|----------------|----|------------|------------|
|     |           | (5222) P2                              | tests – Part 3: Foaming power (Revision of TZS 224-3: 2009)  |           |     | review                          |                |    | 10-20      | 01-30      |
| 8.  | TBC/CDC2  | TBS/CDC2 (5223) P2                     | Surface active agents – Methods for performance tests – Part 4: Relative Detergency (Revision of TZS 224-4: 2009)                                    | 71.100.40 | Rev | Systematic review               |                | P2 | 2017-10-20 | 2018-01-30 |
| 9.  | TBC/CDC2  | TBS/CDC2 (5412) P3/ EAS 794            | Determination of the microbial inhibition of cosmetic soap bars and liquid hand and body washes — Test method  | 71.100.40 | New | Stakeholders                    |                | P2 | 2017-10-20 | 2018-01-30 |
| 10. | TBS/CDC2  | TBS/CDC2 (5413) P1                     | Herbal soap - Specification  | 71.100.40 | New | Stakeholders                    |                | P1 | 2018-03-20 | 2018-06-30 |
| 11. | TBS/CDC2  | TBS/CDC2 (5414) P1                     | Glass cleaner - Specification  | 71.100.40 | New | Stakeholders                    |                | P1 | 2018-03-20 | 2018-06-30 |
| 12. | TBS/CDC2  | TBS/CDC2 (5415) P1                     | Baby toilet soap - Specification   | 71.100.40 | New | Stakeholders                    |                | P1 | 2018-03-20 | 2018-06-30 |
| 13. | TBS/CDC7  | TBS/CDC7 (5227) P2                     | Determination of water – Karl Fischer method (General method)  | 71.040.40 | Rev | Systematic review               | ISO 760: 2016  | P2 | 2017-10-20 | 2017-12-31 |
| 14. | TBS/CDC7  | TBS/CDC7 (5228) P2                     | Determination of iron content – 1, 10-phenanthroline photometric method – in sodium hydroxide (Revision of TZS 381:1999)                             | 71.040.40 | Rev | Systematic review               |                | P2 | 2017-10-20 | 2017-12-31 |
| 15. | TBS/CDC7  | TBS/CDC7 (5229) P2/ ISO ISO 3196: 2011 | Sodium hydroxide for industrial use – Determination of carbonates content – Titrimetric method (Revision of TZS 494: 2010)                           | 71.040.40 | Rev | Systematic review               | ISO 3196: 2011 | P2 | 2017-10-20 | 2017-12-31 |
| 16. | TBS/CDC7  | TBS/CDC-7 (5230) P2/ ISO ISO 981: 2011 | Sodium hydroxide for industrial use – Determination of chloride content – Mercurimetric method (Revision of TZS 495:2010)                            | 71.040.40 | Rev | Systematic review               | ISO 981: 2011  | P2 | 2017-10-20 | 2017-12-31 |
| 17. | TBS/CDC7  | TBS/CDC-7 (5231) P2/ ISO 5993: 2011    | Sodium hydroxide for industrial use – Determination of mercury content - Flameless atomic absorption spectrometric method (Revision of TZS 498:2010) | 71.040.40 | Rev | Systematic review               | ISO 5993: 2011 | P2 | 2017-10-20 | 2017-12-31 |
| 18. | TBS/CDC7  | TBS/CDC 7(5416) P1                     | Lime (quick lime and hydrated) - Chemical industries – Specification (Rev TZS 586: 2001)   | 71.060.40 | Rev | Systematic review/ Stakeholders |                | P1 | 2017-10-20 | 2017-12-31 |
| 19. | TBS/CDC7  | TBS/CDC 7(5417) P1                     | Specification for limestone for chemical industries (Rev TZS 648: 2001)  | 71.060.40 | Rev | Systematic review               |                | P1 | 2017-10-20 | 2017-12-31 |
| 20. | TBS/CDC7  | TBS/CDC 7(5418) P1                     | Method of sampling of lime and limestone products (Rev TZS 650: 2003)  | 71.040.40 | Rev | Systematic review               |                | P1 | 2017-10-20 | 2017-12-31 |
| 21. | TBS/CDC7  | TBS/CDC 7(3736) P1                     | Terminology relating to lime and limestone (as used by the industry)   | 71.060.40 | New | Stakeholders                    |                | P1 | 2017-10-20 | 2018-06-30 |
| 22. | TBS/CDC7  | TBS/CDC 7(3737) P1                     | Code of hygienic practice for the manufacture, Packaging, Transportation, Storage and Sale of iodated salt.  | 71.060.50 | New | Stakeholders                    |                | P1 | 2018-03-30 | 2018-06-30 |
| 23. | TBS/CDC-7 | TBS/CDC 7(3079) P1                     | Potassium Iodate – Specification.  | 71.060.99 | New | Stakeholders                    |                | P1 | 2018-03-30 | 2018-06-30 |
| 24. | TBS/CDC-7 | TBS/CDC7 (5419) P1                     | Guideline for internal monitoring of iodized salt in small scale operations.   | 71.060.50 | New | Stakeholders                    |                | P1 | 2018-03-30 | 2018-06-30 |
| 25. | TBS/CDC-7 | TBS/CDC7                               | Adhesive – Cyanoacrylate - specification   | 83.180    | New | Market                          |                | P1 | 2018-      | 2018-      |

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|-----|-----------|------------------------|--|-----------|-----|-------------------|-------------------------|----|------------|------------|
|     |           | (5420) P1              |  |           |     | demand            |                         |    | 03-30      | 06-30      |
| 26. | TBS/CDC-7 | TBS/CDC7<br>(5421) P1  | Ethanol - Specification  | 71.080.60 | New | Market demand     |                         | P1 | 2018-03-30 | 2018-06-30 |
| 27. | TBS/CDC-7 | TBS/CDC7<br>(5422) P1  | Methylated spirit - Specification  | 71.080.60 | New | Market demand     |                         | P1 | 2018-03-30 | 2018-06-30 |
| 28. | TBS/CDC10 | TBS/CDC10<br>(5583) P1 | Correspondence envelopes – Designation and sizes, revision of TZS 67:2009 (2 <sup>nd</sup> Ed)   | 85.080.01 | Rev | Systematic review | ISO 269:1985            | P1 | 2017-09-22 | 2018-06-30 |
| 29. | TBS/CDC10 | TBS/CDC10<br>(5584) P1 | Ball point pens and refills – Part 1: General use, revision of TZS 420 (Part 1): 2010 (2 <sup>nd</sup> Ed)   | 97.180    | Rev | Systematic review | ISO 12757:1998          | P1 | 2017-09-22 | 2018-06-30 |
| 30. | TBS/CDC10 | TBS/CDC10<br>(5585) P1 | Ball point pen refills – Specification, revision of TZS 421:1989 (1 <sup>st</sup> Ed)  | 97.180    | Rev | Systematic review |                         | P1 | 2017-09-22 | 2018-06-30 |
| 31. | TBS/CDC10 | TBS/CDC10<br>(5586) P1 | Paper and board – Accelerated ageing – Part 1: Dry heat treatment at 105°C, revision of TZS 422(Part 1): 2010, (2 <sup>nd</sup> Ed)  | 85.060    | Rev | Systematic review | ISO 5630-1:1991         | P1 | 2017-09-22 | 2018-06-30 |
| 32. | TBS/CDC10 | TBS/CDC10<br>(5587) P1 | Ball point pens and refills – Part 2: Documentary use (DOC), revision of TZS 422: (Part 2)2010 (2 <sup>nd</sup> Ed)  | 97.180    | Rev | Systematic review | ISO12757 (Part 2): 1998 | P1 | 2017-09-22 | 2018-06-30 |
| 33. | TBS/CDC10 | TBS/CDC10<br>(5588) P1 | Paper, Board and pulps- standards atmosphere for condition and testing and procedure for monitoring the atmosphere and conditioning for samples. revision of TZS 82: 2010 (2 <sup>nd</sup> Ed) | 85.060    | Rev | Systematic review | ISO 187:1990.           | P1 | 2017-09-22 | 2018-06-30 |
| 34. | TBS/CDC10 | TBS/CDC10<br>(5589) P1 | Paper – Methods for sampling and test for moisture content, revision of TZS 83: 1980.  | 85.060    | Rev | Systematic review | ISO 287:2009            | P1 | 2017-09-22 | 2018-06-30 |
| 35. | TBS/CDC10 | TBS/CDC10<br>(5590) P1 | Paper and board – Determination of opacity (paper backing) – Diffuse reflectance method. Revision of TZS 84:2009 (2 <sup>nd</sup> Ed).   | 85.060    | Rev | Systematic review | ISO 2471:1998           | P1 | 2017-09-22 | 2018-06-30 |
| 36. | TBS/CDC10 | TBS/CDC10<br>(5591) P1 | School exercise books and papers – Specification (Revision of TZS 69:2009  | 85.080.01 | Rev | Systematic review |                         | P1 | 2017-10-22 | 2018-06-30 |
| 37. | TBS/CDC10 | TBS/CDC10<br>(1732) P1 | Paper napkins – specification  | 85.080.20 | New | Stakeholders      |                         | P1 | 2017-10-22 | 2018-06-30 |
| 38. | TBS/CDC10 | TBS/CDC10<br>(1891) P1 | Facial tissue - specification  | 85.080.20 | New | Stakeholders      |                         | P1 | 2017-10-22 | 2018-06-30 |
| 39. | TBS/CDC10 | TBS/CDC10<br>(3177) P1 | Paper towel - specification  | 85.080.20 | New | Stakeholders      |                         | P1 | 2017-10-22 | 2018-06-30 |
| 40. | TBS/CDC10 | TBS/CDC10<br>(1963) P1 | Kraft liner board - Specification  | 85.080.01 | New | Stakeholders      |                         | P1 | 2018-05-30 | 2018-09-30 |
| 41. | TBS/CDC10 | TBS/CDC10<br>(1962) P1 | Sack kraft paper - Specification   | 85.080.01 | New | Stakeholders      |                         | P1 | 2018-05-30 | 2018-09-30 |
| 42. | TBS/CDC10 | TBS/CDC10<br>(1964) P1 | Bag kraft paper - Specification  | 85.080.01 | New | Stakeholders      |                         | P1 | 2018-05-30 | 2018-09-30 |
| 43. | TBS/CDC11 | TBS/CDC11<br>(5592) P1 | Polyethylene terephthalate (PET) preforms for making bottles - Specification   | 83.040.99 | New | Stakeholders      |                         | P1 | 2018-02-30 | 2018-09-30 |
| 44. | TBS/CDC11 | TBS/CDC11              | Flexible polyvinyl chloride (PVC) compounds -  | 83.040.01 | New | Stakeholders      |                         | P1 | 2018-      | 2018-      |

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|     |            | (5593) P1           | specification  |           |     |                   |            |    | 02-30      | 09-30      |
| 45. | TBS/CDC 09 | CDC 09(5661) P1     | Specification for methane  | 71.080.60 | New | Stakeholders      |            | P1 | 2017-10-30 | 2018-06-30 |
| 46. | TBS/CDC 09 | CDC 09(5662) P1     | Standard Specification for Methane Thermophysical Property Tables,   | 71.080.60 | New | Stakeholders      |            | P1 | 2017-10-30 | 2018-06-30 |
| 47. | TBS/CDC 09 | CDC 09(5663) P1     | Natural gas — Natural gas for use as a compressed fuel for vehicles — Part 1: Designation of the quality   | 71.100.20 | New | Stakeholders      |            | P1 | 2017-10-30 | 2018-06-30 |
| 48. | TBS/CDC 09 | -                   | An overview of the natural gas value chain in Tanzania to reveal the need of standardization   | 71.100.20 | New | Stakeholders      |            | P1 | 2017-10-30 | 2018-06-30 |
| 49. | TBS/CDC 13 | CDC 13 (5664) P1    | Paints and varnishes - Determination of brush and roller properties  | 87.040    | New | Market demand     |            | P1 | 2017-10-30 | 2018-06-30 |
| 50. | TBS/CDC 13 | CDC 13 (5665) P1    | Paints and varnishes – Determination of viscosity by means of a Stormer viscometer (SANS 5153/MS 1027,)  | 87.040    | New | Market demand     |            | P1 | 2017-10-30 | 2018-06-30 |
| 51. | TBS/CDC 13 | CDC 13 (5666) P1    | Paints and varnishes – Paints and varnishes – Daylight 45°, 0° luminous directional reflectance of surface coatings and pigments   | 87.040    | New | Market demand     |            | P1 | 2017-10-30 | 2018-06-30 |
| 52. | TBS/CDC 13 | CDC 13 (5667) P1    | Water based undercoat – specification  | 87.040    | New | Market demand     |            | P1 | 2017-10-30 | 2018-06-30 |
| 53. | TBS/CDC 13 | CDC 13 (5668) P1    | Aluminium finishing paint – specification  | 87.040    | New | Market demand     |            | P1 | 2017-10-30 | 2018-06-30 |
| 54. | TBS/CDC 14 | CDC 14 (5669) P1    | Rubber, vulcanized - Determination of hardness (hardness between 30 and 85 IRHD) (Rev. TZS 462)  | 83.060    | Rev | Systematic review |            | P1 | 2018-02-30 | 2018-06-30 |
| 55. | TBS/CDC 14 | CDC 14 (5670) P1    | Rubber – Standard temperatures, humidity and times for the conditioning and testing of test pieces (Rev. TZS 463)  | 83.060    | Rev | Systematic review |            | P1 | 2018-02-30 | 2018-06-30 |
| 56. | TBS/CDC 14 | CDC 14 (5671) P1    | Rubber test mixes – Preparation, mixing and vulcanization – Equipment and procedures (Rev. TZS 464)  | 83.060    | Rev | Systematic review |            | P1 | 2018-02-30 | 2018-06-30 |
| 57. | TBS/CDC 17 | TBS/CDC 17(5423)    | Engine oils minimum performance - specification (rev. TZS 647:2014)  | 75.100    | Rev | Systematic review |            | P1 | 2017-09-01 | 2018-04-30 |
| 58. | TBS/CDC 17 | TBS/CDC 17(5424)    | Multipurpose automotive gear lubricant (ep) - specification (rev. TZS 675:2014)  | 75.100    | Rev | Systematic review |            | P1 | 2017-09-01 | 2018-04-30 |
| 59. | TBS/CDC 17 | TBS/CDC 17(5425)    | Motor vehicles brake fluids - specification (rev. TZS 667:2001)  | 75.100    | Rev | Systematic review |            | P1 | 2017-08-01 | 2018-01-30 |
| 60. | TBS/CDC 17 | TBS/CDC 17(5426) P1 | Test method for determination of motor vehicles brake fluids (rev. TZS 871:2005)   | 75.100    | Rev | Systematic review |            | P1 | 2017-08-01 | 2018-01-30 |
| 61. | TBS/CDC 17 | TBS/CDC 17(5427) P1 | Lubricants, industrial oils and related products (class I) classification: family h (hydraulic systems) specifications for categories hfae, hfas, hfb, hfc, hfd and hfdu (rev TZS 1074:2008/ | 75.100    | Rev | Systematic review | ISO 12922) | P1 | 2018-01-01 | 2018-06-30 |
| 62. | TBS/CDC 17 | TBS/CDC 17(5428) P1 | Lubricants, industrial oils and related products (class I) classification: family h (hydraulic systems)  | 75.100    | Rev | Systematic review | ISO 15380  | P1 | 2018-01-01 | 2018-06-30 |

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|     |            |                     | specifications for categories hegt, hepg, hees and hepr (rev. Tzs 1073:2008/ISO 15380)  |           |     |                   |                  |    |            |            |
| 63. | TBS/CDC 17 | TBS/CDC 17(5429) P1 | Lubricants, industrial oils and related products (class l) classification: family h (haydraulic systems) specifications for categories hm, hl, hm, hr, hv and hg (rev. Tzs 1072:2008/ISO 11158) | 75.100    | Rev | Systematic review | ISO 11158        | P1 | 2018-01-01 | 2018-06-30 |
| 64. | TBS/CDC 17 | TBS/CDC 17(5430) P1 | Industrial liquid lubricants - isoviscosity classification (rev. Tzs 1065:2008/ISO 3448)  | 75.100    | Rev | Systematic review | ISO 3448         | P1 | 2018-01-01 | 2018-06-30 |
| 65. | TBS/CDC 17 | TBS/CDC 17(5431) P1 | Lubricants, industrial oils and related products (class l) classification: family h (haydraulic systems) (rev. Tzs 1066(4):2008/ISO 6743-4)   | 75.100    | Rev | Systematic review | ISO 6743-4)      | P1 | 2018-01-01 | 2018-06-30 |
| 66. | TBS/CDC 17 | TBS/CDC 17(5433) P1 | Automatic transmission fluids (atf) based on road vehicles - specification (tzs 1691:2014)  | 75.100    | Rev | Systematic review |                  | P1 | 2017-09-01 | 2018-04-30 |
| 67. | TBS/CDC 5  | TBS/CDC (5434) P1   | 5<br>Conventional non-optical lens – specification  | 11.040.70 | New | Market demand     |                  | P1 | 2017-11-01 | 2018-04-30 |
| 68. | TBS/CDC 5  | TBS/CDC 5(5435) P1  | Laboratory glassware - beakers  | 71.040.20 | New | Market demand     |                  | P1 | 2017-11-01 | 2018-04-30 |
| 69. | TBS/CDC 15 | TBS/CDC 15(5436) P1 | Liquefied petroleum gases (lpg) – specification (rev. Tzs 818:2004)   | 75.080    | Rev | Systematic review |                  | P1 | 2017-09-01 | 2018-04-30 |
| 70. | TBS/CDC 16 | TBS/CDC 16(5435)    | Hospital based intravenous fluids-Dextrose 5% injection-Specification   | 11.120.01 | New | Stakeholders      |                  | P1 | 2017-11-22 | 2018-06-30 |
| 71. | TBS/CDC 16 | TBS/CDC 16(5436)    | Hospital based intravenous fluids-Ringers lactate injection-Specification   | 11.120.01 | New | Stakeholders      |                  | P1 | 2017-11-22 | 2018-06-30 |
| 72. | TBS/CDC 16 | TBS/CDC 16(5437)    | Hospital based intravenous fluids-Infusion Unit-Code of practice  | 11.120.01 | New | Stakeholders      |                  | P1 | 2018-01-31 | 2018-06-30 |
| 73. | TBS/CDC 16 | TBS/CDC 16(5438)    | Hospital based intravenous fluids-Good manufacturing practice-Requirements for regulatory purposes  | 11.120.01 | New | Stakeholders      |                  | P1 | 2018-01-31 | 2018-06-30 |
| 74. | TBS/CDC 16 | TBS/CDC 16(5447)    | Pharmacy practice-Dispensing Envelops-Specification   | 11.120.01 | New | Stakeholders      |                  | P1 | 2018-01-31 | 2018-06-30 |
| 75. | TBS/CDC 20 | TBS/CDC 20(5448)    | Medicinal plants standards-Syzygiumguineense  | 11.120.10 | New | Stakeholders      |                  | P1 | 2017-11-30 | 2018-06-30 |
| 76. | TBS/CDC 20 | TBS/CDC 20(5449)    | Medicinal plants standards-Mangiferaindica  | 11.120.10 | New | Stakeholders      |                  | P1 | 2017-11-30 | 2018-06-30 |
| 77. | TBS/CDC 20 | TBS/CDC 20(5450)    | Medicinal plants standards-Zathoxylumchahybeum  | 11.120.10 | New | Stakeholders      |                  | P1 | 2017-11-30 | 2018-06-30 |
| 78. | TBS/CDC 20 | TBS/CDC 20(5451)    | Medicinal plants standards-Prunus africana  | 11.120.10 | New | Stakeholders      |                  | P1 | 2017-11-30 | 2018-06-30 |
| 79. | TBS/CDC 20 | TBS/CDC 20(5452)    | Medicinal plants standards-Wabugiaugandesis   | 11.120.10 | New | Stakeholders      |                  | P1 | 2017-11-30 | 2018-06-30 |
| 80. | TBS/CDC 21 | TBS/CDC 21(5453)    | Medical devices - Symbols to be used with medical device labels, labelling and information to be supplied.  | 11.040.01 | New | Stakeholders      | ISO 15223-1:2016 | P1 | 2018-01-31 | 2018-06-30 |
| 81. | TBS/CDC 21 | TBS/CDC 21(5273)    | Hypodermic needles for single use -- Colour coding for identification   | 11.040.25 | Rev | Systematic review | ISO 6009:2016    | P1 | 2017-08-16 | 2018-06-30 |

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| 82. | TBS/CDC 21 | TBS/CDC 21(5274) | Sterile hypodermic needles for single use -- Requirements and test methods  | 11.040.25 | Rev | Systematic review | ISO 7864:2016    | P1 | 2017-08-16 | 2018-06-30 |
| 83. | TBS/CDC 21 | TBS/CDC 21(5454) | Ophthalmic optics -- Spectacle lenses -- Fundamental requirements for uncut finished lenses   | 11.040.70 | Rev | Systematic review | ISO 14889:2013   | P1 | 2018-01-31 | 2018-06-30 |
| 84. | TBS/CDC 21 | TBS/CDC 21(5455) | Ophthalmic optics -- Semi-finished spectacle lens blanks -- Part 1: Specifications for single-vision and multifocal lens blanks           | 11.040.70 | Rev | Systematic review | ISO 10322-1:2016 | P1 | 2018-01-31 | 2018-06-30 |
| 85. | TBS/CDC 21 | TBS/CDC 21(5456) | Ophthalmic optics -- Semi-finished spectacle lens blanks -- Part 2: Specifications for progressive-power and degressive-power lens blanks | 11.040.70 | Rev | Systematic review | ISO 10322-2:2016 | P1 | 2018-01-31 | 2018-06-30 |
| 86. | TBS/CDC 21 | TBS/CDC 21(5275) | Sterile hypodermic syringes for single use -- Part 1: Syringes for manual use   | 11.040.25 | Rev | Systematic review | ISO 7886-1:2017  | P1 | 2017-08-16 | 2018-06-30 |

## 7 Textiles Divisional Standards Committee (TDC)

| S/No. | Committee code | Project No. | Title   | ICS No.   | Rev/ New | Source                         | International relatedness | Stage | Stage Date | Target Date |
|-------|----------------|-------------|---|-----------|----------|--------------------------------|---------------------------|-------|------------|-------------|
| 1.    | TBS/TDC3       | 5595        | Textiles-Specification for Polyester fishing nets   | 65.150    | New      | Public demand through QMD      |                           | P1    | 2017-09-25 | 2018-06-30  |
| 2.    | TBS/TDC8       | 5596        | Textiles-Specification for Polyester fishnet twine.   | 59.080.20 | New      | Public demand through QMD      |                           | P1    |            | 2018-06-30  |
| 3.    | TBS/TDC5       | 5597        | Textiles - Determination of conductivity pH, water-soluble matter, chlorine and sulphate in aqueous extracts. | 59.080.01 | Rev      | Due for review                 |                           | P1    |            | 2018-06-30  |
| 4.    | TBS/TDC5       | 5598        | Textile- Woven or Knitted fabrics determination of mass per Unit length and per unit area                     | 59.080    | Rev      | Due for review                 |                           | P1    |            | 2018-06-30  |
| 5.    | TBS/TDC5       | 5599        | Textile- Woven fabric Determination of breaking load and extension  | 59.080    | Rev      | Due for review                 |                           | P1    |            | 2018-06-30  |
| 6.    | TBS/TDC6       | 5600        | Textiles-Treated/coated fabrics for various Application   | 59.080.40 | New      | Public/NFRA demand through QMD |                           | P1    |            | 2018-06-30  |
| 7.    | TBS/TDC11      | 5601        | Footwear—Performance requirements for components for footwear- Accessories                                    | 61.060    | Rev      | Due for review                 |                           | P1    |            | 2018-06-30  |
| 8.    | TBS/TDC11      | 5602        | Footwear-Method of sampling   | 61.060    | Rev      | Due for review                 |                           | P1    |            | 2018-06-30  |

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|-----|-----------|------|---|-----------|-----|--------------------------------|----------------|----|------------|------------|
| 9.  | TBS/TDC11 | 5603 | Footwear -Canvas Shoes specification  | 61.060    | New | Public/Bora demand through QMD |                | P1 |            | 2018-06-30 |
| 10. | TBS/TDC11 | 5640 | Footwear -Sports Footwear-Specification   | 61.060    | New | Public/Bora demand through QMD |                | P1 |            | 2018-06-30 |
| 11. | TBS/TDC11 | 5605 | Leather – Determination of volatile matter  | 59.140.01 | Rev | Due for review                 | ISO 4684: 2005 | P1 | 2017-10-25 | 2018-06-30 |
| 12. | TBS/TDC11 | 5606 | Leather – Determination of resistance to grain cracking and crack index   | 59.140.01 | Rev | Due for review                 |                | P1 |            | 2018-06-30 |
| 13. | TBS/TDC11 | 5607 | Leather – Determination of absorption of water (under static conditions)  | 59.140.01 | Rev | Due for review                 |                | P1 |            | 2018-06-30 |
| 14. | TBS/TDC11 | 5608 | Leather – Determination of mildew resistance (including wet – blue chrome)  | 59.140.01 | Rev | Due for review                 |                | P1 |            | 2018-06-30 |
| 15. | TBS/TDC11 | 5609 | Leather – Physical testing Measurement of thickness   | 59.140.01 | Rev | Due for review                 |                | P1 |            | 2018-06-30 |
| 16. | TBS/TDC11 | 5610 | Leather – Determination of flexing endurance  | 59.140.01 | Rev | Due for review                 |                | P1 |            | 2018-06-30 |
|     | TBS/TDC11 | 5611 | Leather – Determination of distention and strength of grain (ball burst test)   | 59.140.01 | Rev | Due for review                 |                | P1 |            | 2018-06-30 |
| 17. | TBS/TDC11 | 5641 | Leather – Determination of tensile strength and elongation  | 59.140.01 | Rev | Due for review                 |                | P1 |            | 2018-06-30 |
| 18. | TBS/TDC5  | 5612 | Textiles – Textile fibres – Methods of sampling for testing   | 59.060    | Rev | Due for review                 |                | P1 |            | 2018-06-30 |
| 19. | TBS/TDC1  | 5613 | National flag of Tanzania – Specification   | 59.080.99 | Rev | Due for review                 |                | P1 |            | 2018-06-30 |
| 20. | TBS/TDC3  | 5615 | Textiles- Woven bags from natural fibres specifications – Part 1: Bags for cereals  | 59.080.99 | Rev | Due for review                 |                | P1 | 2017-11-15 | 2018-06-30 |
| 21. | TBS/TDC3  | 5616 | Textiles– Woven bags from natural fibres specifications – Part 2: Bags for milled products                                  | 59.080.99 | Rev | Due for review                 |                | P1 | 2017-11-15 | 2018-06-30 |
| 22. | TBS/TDC3  | 5617 | Textiles– Woven bags from natural fibres specifications – Part 3: Woven bags for sugar.                                     | 59.080.99 | Rev | Due for review                 |                | P1 | 2017-11-15 | 2018-06-30 |
| 23. | TBS/TDC3  | 5614 | Textiles – Towels – Specification   | 97.160    | Rev | Due for review                 |                | P1 | 2017-11-15 | 2018-06-30 |
| 24. | TBS/TDC3  | 5618 | Textiles– Multilayered cross laminated sheets and tarpaulin covers - specifications Agricultural baler twines specification | 59.080.99 | New | stakeholders                   |                | P1 | 2017-11-15 | 2018-06-30 |
| 25. | TBS/TDC11 | 5621 | Leather for garments performance requirements   | 59.140.30 | New | stakeholders                   |                | P1 | 2017-10-25 | 2018-06-30 |



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| 26.   | TBS/TDC11 | 5658 | Leather – Jackets/coats – Specifications   | 59.140.35 | New | Stakeholders       |                | P1 | 2017-10-25 | 2018-06-30 |
| 27.   | TBS/TDC2  | 5622 | Textiles – Kikoi – Specification   | 59.080    | Rev | Due for review     |                | P1 |            | 2018-06-30 |
| 28.   | TBS/TDC   | 5623 | Textiles – Knitted cotton fabric – Specification   | 59.080    | Rev | Due for review     |                | P1 |            | 2018-06-30 |
| 29.   | TBS/TDC2  | 5624 | Textiles – Dera dress – Specifications   | 59.080    | New | Demand through QMD |                | P1 |            | 2018-06-30 |
| 30.   | TBS/TDC8  | 5625 | Textiles - Part 1: Natural fibre twines Specification  | 59.080.20 | Rev | Due for review     |                | P1 |            | 2018-06-30 |
| 31.   | TBS/TDC8  | 5626 | Textiles – Sisal agricultural baler twines for automatic pick balers and similar machine                                       | 59.080.20 | Rev | Due for review     |                | P1 |            | 2018-06-30 |
| 32.   | TBS/TDC8  | 5627 | Textiles - Textiles – Requirements of Plastic Polypropylene (PP) Baler Twine Used For Packaging Application                    | 59.080.20 | New | Stakeholders       |                | P1 |            | 2018-06-30 |
| 33.44 | TBS/TDC8  | 5628 | Textiles – Sisal Ropes Specification   | 59.080.20 | Rev | Due for review     |                | P1 |            | 2018-06-30 |
| 34.   | TBS/TDC8  | 5629 | Textiles - Part 2: Synthetic fibre twines - Specification  | 59.080.20 |     | New                |                |    |            | 2018-06-30 |
| 35.   | TBS/TDC4  | 5630 | Textiles – General labelling of all products manufactured from textiles  | 97.160    | Rev | Due for review     |                | P1 |            | 2018-06-30 |
| 36.   | TBS/TDC2  | 5631 | Textiles – Cotton Khanga specification   | 97.160    | Rev | Due for review     |                | P1 |            | 2018-06-30 |
| 37.   | TBS/TDC2  | 5632 | Textiles – Cotton Kitenge specification  | 97.160    | Rev | Due for review     |                | P1 |            | 2018-06-30 |
| 38.   | TBS/TDC11 | 5619 | Leather – Determination of matter soluble in dichloromethane or other solvents (Extractable substances)                        | 59.140.01 | Rev | Due for review     | ISO 4048: 2008 | P1 | 2017-10-25 | 2018-06-30 |
| 39.   | TBS/TDC11 | 5620 | Leather – Determination of total water – Soluble matter, water – soluble inorganic matter, and water – soluble organic matter. | 59.140.01 | Rev | Due for review     | ISO 4098: 2006 | P1 | 2017-10-25 | 2018-06-30 |

## 8 Environmental Management Divisional Standards Committee (EMDC)

| S/No. | Committee code | Project No.          | Title   | ICS No.   | Rev/ New | Source       | International relatedness | Stage | Stage Date | Target Date |
|-------|----------------|----------------------|---|-----------|----------|--------------|---------------------------|-------|------------|-------------|
| 1.    | TBS/EMDC 4     | TBS/EMDC-4 (5530) P1 | Environmental management-Life cycle assessment-Principles and framework | 13.020.60 | New      | Stakeholders | ISO 14040                 | P1    | 2017-10-30 | 2018-06-30  |

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| 2. | TBS/EMDC 4 | TBS/EMDC-4 (5531) P1 | Environmental management-Life cycle assessment-Requirements and guidance  | 13.020.60 | New    | Stakeholders      | ISO 14044    | P1 | 2017-10-30 | 2018-06-30 |
| 3. | TBS/EMDC 4 | TBS/EMDC-4 (5532) P1 | Environmental management- Eco-efficiency assessment of product systems- Principles, requirements and guidance                                       | 13.020.60 | New    | Stakeholders      | ISO 14045    | P1 | 2017-10-30 | 2018-06-30 |
| 4. | TBS/EMDC 4 | TBS/EMDC-4 (5533) P1 | Environmental assessments of sites and organization (EASO)  | 13.020.10 | Review | Systematic Review | ISO 14015    | P1 | 2018-01-30 | 2018-06-30 |
| 5. | TBS/EMDC 4 | TBS/EMDC-4 (5534) P1 | Environmental management – Environmental performance evaluation- Guidelines   | 13.020.10 | Review | Systematic Review | ISO 14031    | P1 | 2018-01-30 | 2018-06-30 |
| 6. | TBS/EMDC 4 | TBS/EMDC-4 (5535) P1 | Environmental Management-Examples of Environmental Performance Evaluation.  | 13.020.10 | Review | Systematic Review | ISO/TR 14032 | P1 | 2018-01-30 | 2018-06-30 |
| 7. | TBS/EMDC 4 | TBS/EMDC-4 (5536) P1 | Environmental Management- Vocabulary  | 13.020.10 | Review | Systematic Review | ISO 14050    | P1 | 2018-01-30 | 2018-06-30 |
| 8. | TBS/EMDC 8 | TBS/EMDC-8 (5537) P1 | Municipal Solid waste management  | 13.030.10 | New    | Stakeholders      | -            | P1 | 2017-10-6  | 2018-06-30 |
| 9. | TBS/EMDC 8 | TBS/EMDC-8 (5538) P1 | Solid waste management – Waste tires  | 13.030.10 | New    | Stakeholders      | -            | P1 | 2017-10-6  | 2018-06-30 |
| 10 | TBS/EMDC 6 | TBS/EMDC-6 (5539) P1 | Radiation facilities standards  | 13.280    | New    | Stakeholders      | -            | P1 | 2017-10-6  | 2018-06-30 |
| 11 | TBS/EMDC 5 | TBS/EMDC 5 (5540) P1 | Acoustics general tolerance limits for Marine Noise   | 13.020.99 | New    | Stakeholders      | -            | P1 | 2017-11-7  | 2018-06-30 |
| 12 | TBS/EMDC 5 | TBS/EMDC-5 (5541) P1 | Tolerance limits for environmental vibration  | 17.160    | Review | Systematic Review | -            | P1 | 2017-11-7  | 2018-06-30 |
| 13 | TBS/EMDC 5 | TBS/EMDC-5 (5542) P1 | Mechanical vibration and shock evaluation of human exposure to whole- body vibration – Method of evaluation of vibration containing multiple shocks | 17.160    | Review | Systematic Review | ISO2631-5    | P1 | 2017-11-7  | 2018-06-30 |
| 14 | TBS/EMDC 5 | TBS/EMDC-5 (5543) P1 | Mechanical vibration and shock evaluation of human exposure to whole body vibration   | 17.160    | Review | Systematic Review | ISO2631-1    | P1 | 2017-11-7  | 2018-06-30 |
| 15 | TBS/EMDC 5 | TBS/EMDC-5 (5544) P1 | Mechanical vibration-Measurement and Evaluation of human exposure to hand-transmitted vibration – General requirements                              | 17.160    | Review | Systematic Review | ISO5349-1    | P1 | 2017-11-7  | 2018-06-30 |
| 16 | TBS/EMDC 5 | TBS/EMDC-5 (5545) P1 | Mechanical vibration- Measurement and evaluation of human exposure to hand transmitted vibration – Practical guidance for measurement at work place | 17.160    | Review | Systematic Review | ISO5349-2    | P1 | 2017-11-7  | 2018-06-30 |
| 17 | TBS/EMDC 5 | TBS/EMDC-5 (5546) P1 | Mechanical vibration, shock and conditional monitoring - Vocabulary   | 17.160    | Review | Systematic Review | ISO 2041     | P1 | 2017-11-7  | 2018-06-30 |
| 18 | TBS/EMDC 5 | TBS/EMDC-5 (5547) P1 | Human response to vibration. Measuring instrumentation  | 17.160    | Review | Systematic Review | ISO 8041-1   | P1 | 2017-11-7  | 2018-06-30 |

## 9 Mining and Minerals Divisional Standards Committee (MMDC)

| S/N | Committee code | Project No.       | Title   | ICS No. | Rev/ New | Source        | International relatedness | Stage | Stage Date | Target Date |
|-----|----------------|-------------------|---|---------|----------|---------------|---------------------------|-------|------------|-------------|
| 1.  | MMDC3          | TBS/ MMDC3 (4725) | Coal — Proximate analysis   | 73.040  | New      | Market demand | ISO17246:2010             | FTZS  | 2017-07-20 | 2017-12-20  |
| 2.  | MMDC3          | TBS/ MMDC3 (4726) | Coal — Ultimate analysis  | 73.040  | New      | Market demand | ISO 17247:2013            | FTZS  | 2017-07-20 | 2017-12-20  |
| 3.  | MMDC3          | TBS/ MMDC3 (4727) | Hard coal and coke — Determination of volatile matter   | 73.040  | New      | Market demand | ISO 562:2010              | FTZS  | 2017-07-20 | 2017-12-20  |
| 4.  | MMDC3          | TBS/ MMDC3 (4728) | Hard coal — Determination of total moisture   | 73.040  | New      | Market demand | ISO 589:2008              | FTZS  | 2017-07-20 | 2017-12-20  |
| 5.  | MMDC3          | TBS/ MMDC3 (4729) | Solid mineral fuels - Determination of carbon and hydrogen - Liebig method  | 73.040  | New      | Market demand | ISO 625:1996              | FTZS  | 2017-07-20 | 2017-12-20  |
| 6.  | MMDC3          | TBS/ MMDC3 (4730) | Coal and coke — Calculation of analyses to different bases  | 73.040  | New      | Market demand | ISO 1170:2013             | FTZS  | 2017-07-20 | 2017-12-20  |
| 7.  | MMDC3          | TBS/ MMDC3 (4741) | Solid mineral fuels — Determination of ash  | 73.040  | New      | Market demand | ISO 1171:2010             | FTZS  | 2017-07-20 | 2017-12-20  |
| 8.  | MMDC3          | TBS/ MMDC3 (4743) | Solid mineral fuels — Determination of gross calorific value by the bomb calorimetric method and calculation of net calorific value           | 73.040  | New      | Market demand | ISO 1928;1992             | FTZS  | 2017-07-20 | 2017-12-20  |
| 9.  | MMDC3          | TBS/ MMDC3 (4763) | Brown coals and lignites — Principles of sampling – Part 2: Sample preparation for determination of moisture content and for general analysis | 73.040  | New      | Market demand | ISO 5069-2:1983           | FTZS  | 2017-07-20 | 2017-12-20  |
| 10. | MMDC3          | TBS/ MMDC3 (4744) | Brown coals and lignites — Determination of true relative density and apparent relative density   | 73.040  | New      | Market demand | ISO 5072:2013             | P2    | 2017-07-20 | 2017-12-20  |
| 11. | MMDC3          | TBS/ MMDC3 (4745) | Hard coal - Determination of Hardgrovegrindability index  | 73.040  | New      | Market demand | ISO 5074:1994             | P2    | 2017-07-20 | 2017-12-20  |

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| 12. | MMDC3 | TBS/ MMDC3 (4745) | Solid mineral fuels — Determination of total carbon, hydrogen and nitrogen content — Instrumental method                               | 73.040 | New | Market demand | ISO 29541:2010  | P2   | 2017-07-20 | 2017-12-20 |
| 13. | MMDC3 | TBS/ MMDC3 (4764) | Brown coals and lignites — Determination of moisture content - Part 1: Indirect gravimetric method for total moisture                  | 73.040 | New | Market demand | ISO 5068-1:2007 | P2   | 2017-07-20 | 2017-12-20 |
| 14. | MMDC3 | TBS/ MMDC3 (4765) | Brown coals and lignites — Determination of moisture content — Part 2: Indirect gravimetric method for moisture in the analysis sample | 73.040 | New | Market demand | ISO 5068-2:2007 | P2   | 2017-07-20 | 2017-12-20 |
| 15. | MMDC3 | TBS/ MMDC3 (4766) | Solid mineral fuels — Coke — Determination of moisture in the general analysis test sample   | 73.040 | New | Market demand | ISO 687:2010    | P2   | 2017-07-20 | 2017-12-20 |
| 16. | MMDC3 | TBS/ MMDC3 (4766) | Solid mineral fuels – Determination of carbonate carbon content - Gravimetric method   | 73.040 | New | Market demand | ISO 925:1997    | P2   | 2017-07-20 | 2017-12-20 |
| 17. | MMDC3 | TBS/ MMDC3 (4813) | Hard coal — Determination of the crucible swelling number  | 73.040 | New | Market demand | ISO 501:2012    | P2   | 2017-07-20 | 2017-12-20 |
| 18. | MMDC3 | TBS/MMDC3 (4814)  | Hard coal - Determination and presentation of float and sink characteristics – General directions for apparatus and procedures         | 73.040 | New | Market demand | ISO 7936:1992   | P2   | 2017-07-20 | 2017-12-20 |
| 19. | MMDC3 | TBS/MMDC3 (5636)  | Coal briquettes for domestic use - Specifications  | 73.040 | New | Market demand |                 | NWIP | 2017-07-20 | 2018-06-30 |
| 20. | MMDC3 | TBS/MMDC3 (5637)  | Coal for cement manufacture - Specifications   | 73.040 | New | Market demand |                 | NWIP | 2017-07-20 | 2018-06-30 |
| 21. | MMDC3 | TBS/MMDC3 (5638)  | Size analysis of coal and coke for marketing   | 73.040 | New | Market demand |                 | NWIP | 2017-07-20 | 2018-06-30 |
| 22. | MMDC3 | TBS/MMDC3 (5639)  | Training manual for artisanal and small-scale mining   | 73.020 | New | Market demand |                 | NWIP | 2017-07-20 | 2018-06-30 |
| 23. | MMDC1 | MMDC1 (5244)      | Graphical symbols for use on detailed maps, plans and geological cross-sections  | 73.020 | New | Stakeholders  | ISO 710:1974    | P1   | 2017-07-20 | 2018-06-30 |
| 24. | MMDC1 | MMDC1 (5633)      | Standard Practice for Rock Core Drilling and Sampling of Rock for Site Exploration   | 73.020 | New | Stakeholders  |                 | NWIP | 2017-07-20 | 2018-06-30 |
| 25. | MMDC1 | MMDC1 (5634)      | Standard Practices for Preserving and Transporting Rock Core Samples   | 73.020 | New | Stakeholders  |                 | NWIP | 2017-07-20 | 2018-06-30 |
| 26. | MMDC1 | MMDC1 (5635)      | Subsurface exploration for earth and rockfill dams - Code of practice  | 73.020 | New | Stakeholders  |                 | NWIP | 2017-07-20 | 2018-06-30 |
| 27. | MMDC2 | MMDC2 (5181)      | Glossary of Mining terms   | 73.020 | New | Stakeholders  |                 | NWIP | 2017-07-20 | 2018-06-30 |
| 28. | MMDC2 | MMDC2 (5501)      | Guideline standard for refugee chambers in underground mines   | 73.020 | New | Stakeholders  |                 | NWIP | 2017-07-20 | 2018-06-30 |

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| 29. | MMDC2 | MMDC2 (5502) | Standard training manual for artisanal and small-scale mining | 73.020 | New | Stakeholders |  | NWIP | 2017-07-20 | 2018-06-30 |
|-----|-------|--------------|---|--------|-----|--------------|--|------|------------|------------|