



**EAST AFRICAN COMMUNITY SECRETARIAT**

# **CATALOGUE OF EAST AFRICAN STANDARDS 2020**

**ICS SUBJECT CATALOGUE**

**NUMERICAL LISTING**

**ALPHABETICAL LISTING**

**WITHDRAWN STANDARDS**

**INTERNATIONAL STANDARDS ENDORSED FOR ADOPTION BY PARTNER STATES**



**EAC SECRETARIAT  
ARUSHA, TANZANIA  
JANUARY 2020  
<http://www.eac.int>**



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<p><b>REPUBLIC OF BURUNDI</b></p>  <p>Bureau Burundais de Normalisation Burundi Bureau of Standards</p> <p><b>Bureau Burundais de Normalisation et Contrôle de la Qualité (BBN)</b> Boulevard de la Tanzanie 500 B.P 3535, Bujumbura, Burundi Tel: +257 22 221815/221577, Fax: +257 22 225595 E-mail: <a href="mailto:info@bbn-burundi.org">info@bbn-burundi.org</a> Website: <a href="http://www.bbn-burundi.org">www.bbn-burundi.org</a></p>	<p><b>REPUBLIC OF KENYA</b></p>  <p>Kenya Bureau of Standards Standards for Quality Life</p> <p><b>Kenya Bureau of Standards (KEBS)</b> KEBS Centre, Popo Road, off Mombasa Road, Behind Bellevue Cinema P.O. Box 54974 00200 Nairobi, Kenya Tel: +254 20 6005490, 6948000 Fax: +254 20 6009660, 6004031 E-Mail: <a href="mailto:info@kebs.org">info@kebs.org</a> Website: <a href="https://www.kebs.org">https://www.kebs.org</a></p>
<p><b>REPUBLIC OF RWANDA</b></p>  <p><b>Rwanda Standards Board (RSB)</b> KK 15 Rd, 49 P.O.BOX 7099, Kigali, Rwanda Tel: +250 252 586 103/582945 Toll Free: 3250 E-mail: <a href="mailto:info@rsb.gov.rw">info@rsb.gov.rw</a> Website: <a href="http://www.rsb.gov.rw">www.rsb.gov.rw</a></p>	<p><b>REPUBLIC OF SOUTH SUDAN</b></p>  <p><b>South Sudan Bureau of Standards</b> South Sudan Office Stanbic CFC Building 3rd Floor, Eastern Wing Juba, South Sudan +211 95 593 3463 <a href="mailto:infosouthsudan@trademarkea.com">infosouthsudan@trademarkea.com</a></p>
<p><b>UNITED REPUBLIC OF TANZANIA</b></p>  <p><b>Tanzania Bureau of Standards (TBS)</b> Ubungo Area, Morogoro/Sam Nujoma Rds P.O. Box 9524, Dar es Salaam, Tanzania Tel: +255 22 245 0298   +255 22 245 0206   +255 22 245 0949 Fax: +255 22 245 0959 E-mail: <a href="mailto:info@tbs.go.tz">info@tbs.go.tz</a> Website: <a href="http://www.tbs.go.tz">www.tbs.go.tz</a></p>	<p><b>REPUBLIC OF UGANDA</b></p>  <p><b>Uganda National Bureau of Standards (UNBS)</b> Plot 2 - 12, Bypass Link, Industrial &amp; Business Park, P.O Box 6329 Kampala, Uganda Tel: 0417333250 TOLL FREE: 0800133133 Email: <a href="mailto:info@unbs.go.ug">info@unbs.go.ug</a> Website: <a href="http://www.unbs.go.ug">www.unbs.go.ug</a></p>

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## FOREWORD

The development of East African Standards has been necessitated by the need for harmonizing requirements governing quality of products and services in East Africa. It is envisaged that through harmonized standardization, trade barriers which are encountered when goods and services are exchanged within the Community will be removed.

East African Standards are prepared by the East African Standards Committee (EASC) established in accordance with the East African Community Standardization, Quality Assurance, Metrology and Testing Act, 2006. The Committee brings together the National Bureaux of Standards of the Partner States [i.e. the Bureau Burundais de Normalisation et Contrôle de la Qualité (BBN), Kenya Bureau of Standards (KEBS), Rwanda Standards Board (RSB), South Sudan Bureau of Standards (SSBS), Tanzania Bureau of Standards (TBS) and Uganda National Bureau of Standards (UNBS)] together with designated national metrology institutes, the legal metrology organizations, representatives of the private sector testing laboratories, certification organizations and representatives of national manufacturing/trading associations and consumer organizations.

The Committee is composed of representatives of the National Standards Bodies (i.e. BBN, KEBS, RSB, SSBS, TBS and UNBS) in Partner States, together with the representatives from the private sectors and consumer organizations. Draft East African Standards (DEAS) are circulated to stakeholders through the National Standards Bodies in the Partner States. The comments received are discussed and incorporated before finalization of standards, in accordance with the principles and procedures for the Development of East African Standards.

East African Standards are subject to review, to keep pace with technological advances and to be inline with the International best practices. Users of the East African Standards are therefore expected to ensure that they always have the latest versions of the standards they are implementing.

The *Catalogue of East African Standards* as presented here serves as a comprehensive inventory of the East African Standards developed to-date.

## ABBREVIATIONS USED

BBN	Bureau Burundais de Normalisation et Contrôle de la Qualité
CEAS	Catalogue of East African Standards
DEAS	Draft East African Standard(s)
EA	East Africa
EAC	East African Community
EAS	East African Standard(s)
EASC	East African Standards Committee
HS	Harmonized System Code (for tariffs)
ICS	International Classification for Standards
KEBS	Kenya Bureau of Standards
RSB	Rwanda Standards Board
SSBS	South Sudan Bureau of Standards
TBS	Tanzania Bureau of Standards
UNBS	Uganda National Bureau of Standards

## ABOUT THE *CATALOGUE OF EAST AFRICAN STANDARDS (CEAS)*

The East African Standards (EASs) listed in this catalogue have been developed through the principles and procedures of the community by involving the industry, government agencies, research organizations, universities, private organizations, etc., with the East African Standards Committee providing the Secretariat. The CEAS lists East African Standards with current revision status, International Standards approved by the EASC for adoption by the Partner States and the details of the Standards withdrawn by the EASC.

## Key sections of the CEAS and how to use this Catalogue

Significant effort has been made to present this catalogue in the format recommended by the ISO Central Secretariat. The CEAS is divided into the following three major sections to facilitate fast retrieval of the EAS required.

### The structure of ICS

The International Classification for Standards (ICS) is a hierarchical classification system consisting of three levels, designed to serve as a structure for the referencing and selection of Standards by subject.

#### Level 1

A broad field of activity

#### Level 2

A topic within the broad field

#### Level 3

A single element within a topic

### The ICS system in use

The following example shows how the ICS hierarchical system works.

<b>Level 1</b>	The first level covers broad fields of activity in standardization. Each field contains a two-digit number, eg. <b>13      ENVIRONMENT AND HEALTH PROTECTION. SAFETY</b>
<b>Level 2</b>	The second level subject structure consists of a three-digit group number separated by a point which follows the first level broad field, e.g. <b>13.040   Air quality</b>
<b>Level 3</b>	Third level subject structure consists of the first and second levels plus the addition of a sub-group with a two-digit number, again separated by a point, e.g. <b>13.040.30      Workplace atmospheres</b>

### Locating a publication on a special subject

#### Example

To find Standards on seat belt assemblies

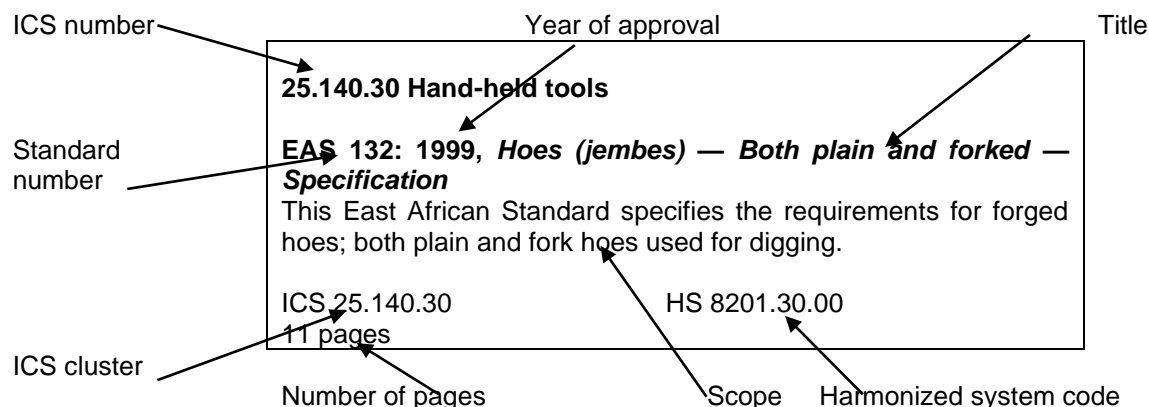
- Turn to the ICS Structured Index.
- Browse through the list to identify the appropriate heading.
- Select major topic: **43 Road Vehicle Engineering**.
- Select subsidiary topic **43.040 Road vehicle systems** then select **43.040.80 Crash protection and restraint systems**
- Browse through the entries until the relevant publication is found.

### Main subject structure

The entries are arranged according to International Classification for Standards (ICS) subject areas. Within each ICS subject area, entries are further arranged according to East African Standard (EAS) numbers. To locate a specific entry, the numerical and alphabetical indexes are given. The standard number and the standard title are in Bold (see the schematic representation below).



## Schematic representation



## Numerical listing

This listing gives a numerical list of East African Standards in the order of the numerical assignments given to the standards. The numerical assignments do not elevate the significance of the standards but is an arbitrary allocation intended only for identification. It is used to locate the entries in the main subject structure and the number of standards so far harmonized.

## Alphabetical index

This is a list of subject descriptors arranged alphabetically. It is also used to locate entries in the main subject structure.

## How to obtain East African Standards

### In East Africa

East African Standards shall only be obtained from the five (6) East African National Standards Bodies (BBN, KEBS, RSB, SSBS, TBS and UNBS).

### Overseas Clients

East African Standards may be obtained through the national standards organizations overseas which are the sole sales agents abroad.

## Language

All East African Standards are published in **English** only.

## Sales/Pricing of East African Standards

Each catalogue entry has pagination (number of pages) for the East African Standards described. Pagination should be used in accordance with the respective Partner State's Bureau pricing policy.



## **MAIN LIST OF EAS — ICS CLASSIFIED BY SUBJECT**

### **01 GENERALITIES. TERMINOLOGY. STANDARDIZATION. DOCUMENTATION**

#### **01.040 Vocabularies**

##### **01.040.13 Environment. Health protection. Safety**

###### **EAS 32: 2008, *Water quality — Vocabulary***

This East African Standard defines terms used in water quality characterization.

ICS 01.040.13; 13.060.01      HS 2201.90.0000      60 pages

##### **01.040.61 Clothing industry**

###### **EAS 260: 2007, *Zippers — Glossary of terms***

This standard covers terms or meanings used in the Zipper Industry.

ICS 01.040.61; 61.040      HS 9607.00.00      11 pages

##### **01.040.67 Food technology**

###### **EAS 45: 2000, *Tea trade — Glossary of terms — Specification***

This East African Standard lists the terms used in the tea industry and provides their definitions in relation to the technicalities of processing and assessment of tea for the market.

ICS 01.040.67; 67.140.10      HS 0902.00.0000      13 pages

###### **EAS 348: 2004, *Glossary of terms used in confectionery trade***

This standard defines the various terms frequently used in the industries concerned with the confectionery trade.

ICS 01.040.67; 67.180.10      HS 1704.00.00      17 pages

##### **01.040.79 Wood technology**

###### **EAS 24: 2000, *Timber industry — Glossary of terms***

Covers production processes and products used in various fields, e.g. logs for the pulp and paper industry, board production and chemical processing as well as fuel-woods.

ICS 01.040.79; 79.020      HS 4400.00.0000      5 pages

##### **01.040.91 Construction materials and building**

###### **EAS 466: 2007, *Sanitation — Glossary of terms***

This East African Standard defines terms relating to sanitation.

ICS 01.040.91; 91.060.01; 91.090; 91.190      HS 3922; 6815.99.20; 7324; 7418.20; 7615.20;  
7806.00.10; 7907.00.1      35 pages

### **07 MATHEMATICS. NATURAL SCIENCES**

#### **0.7.100.30 Food microbiology**

### **13 ENVIRONMENT. HEALTH PROTECTION. SAFETY**

### 13.030.40 Installations and equipment for waste disposal and treatment

#### **EAS 491: 2008, *Incineration plant for the destruction of hospital waste — Specification***

This East African standard specifies the performance requirements for incineration plant, assisted by auxiliary fuel if required, suitable for the destruction of hospital waste.

Devices which utilize intensities of combustion exceeding an average heat release rate of 350 W/m<sup>3</sup> are not included. This standard does not specify materials or methods of construction.

ICS 13.030.40 HS 8419.20.90 3 pages

#### **EAS 492: 2008, *Incineration plant for the destruction of hospital waste — Method of test and calculation for the performance***

This East African Standard describes methods of test for the performance of the incineration plant to be carried out in accordance with EAS 491: 2008 and as specified by the purchaser in accordance with EAS 493: 2008. These tests are made after installation when the plant is operating in accordance with the manufacturer's instruction. In addition certain methods of calculation are given. Methods of test for materials and methods of construction are not included.

ICS 13.030.40 HS 8419.20.90 16 pages

#### **EAS 493: 2008, *Incineration plant for the destruction of hospital waste — Method for specifying purchaser's requirements***

This East African Standard details a method for specifying requirements for incinerators for the destruction of hospital waste manufactured to specifiers' requirements. It does not cover other items of plant such as charging machine, chimneys, flues, etc.

ICS 13.030.40 HS 8419.20.90 6 pages

#### **EAS 494: 2008, *Incineration plant for the destruction of hospital waste — Code of practice for the design, specification, installation and commissioning***

This East African Standard gives guidance on the design, specification, installation and commissioning of incineration plant for the destruction of hospital waste. It also gives information on training of staff and maintenance of plant, on collection and transports of hospital waste.

ICS 13.030.40 HS 8419.20.90 19 pages

### 13.040.01 Air quality in general

#### **EAS 750: 2010, *Air quality — Emissions to the air by cement factories guidelines***

This East African Standard lists the commonly encountered pollutants in cement factories. It gives the reasons behind these emissions and gives possible options of mitigation.

ICS 13.040.01 HS 0401.00.00; HS 0402.00.00; HS 0403.00.00; HS 0404.00.00; HS 0405.00.00; HS 0406.00.00 7 pages

#### **EAS 751: 2010, *Air quality — Specification***

This East African Standard gives permissible limits of some common substances found in polluted air, namely sulfur dioxide, carbon monoxides, particulate matter, oxides of nitrogen, hydrocarbons, and lead. The standard covers both the ambient air and emission sources.

ICS 13.040.01 HS 0401.00.00; HS 0402.00.00; HS 0403.00.00; HS 0404.00.00; HS 0405.00.00; HS 0406.00.00 7 pages

#### **EAS 752: 2010, *Air quality — Tolerance limits of emissions discharged to the air by factories***

This East African Standard specifies the tolerance limits of inactive dust, oxides of nitrogen and sulfur dioxide emissions from factories into the air.

ICS 13.040.01 HS 0401.00.00; HS 0402.00.00; HS 0403.00.00; HS 0404.00.00; HS 0405.00.00; HS 0406.00.00 2 pages

## **13.060.01 Water quality in general**

### **EAS 32: 2008, *Water quality — Vocabulary***

This East African Standard defines terms used in water quality characterization.

ICS 01.040.13; 13.060.01 HS 2201.90.0000 60 pages

## **13.060.20 Drinking water**

### **EAS 12:2018, *Potable water — Specification (3rd Edition)***

This East African Standard specifies requirements, sampling and test methods for potable water intended for direct human consumption, domestic and industrial use.

ICS 13.060.20 HS 2201.90.0000 14 pages

### **EAS 13:2018, *Mineral water — Specification (3rd Edition)***

This East African Standard specifies requirements for packaged mineral waters for human consumption. This standard applies to natural mineral water, mineral water, natural spring water, spring water and carbonated mineral water

ICS 13.060.20 HS 2201.10.00 28 pages

### **EAS 153:2018, *Packaged drinking water — Specification***

This East African Standard specifies requirements, sampling and test methods for packaged drinking water for direct human consumption. This standard applies to drinking water, carbonated drinking /sparkling drinking water and alkaline drinking water

ICS 13.060.20 HS 2201.90.90 16 pages

## **17 METROLOGY AND MEASUREMENT. PHYSICAL PHENOMENA**

### **17.020 Metrology and measurement in general**

#### **EAS 124: 1999, *Rounding off number values***

This East African Standard covers the principles and procedures to be adopted for rounding a number.

ICS 17.020 HS 9017.00.00 4 pages

## **19 TESTING**

### **19.100 Non-destructive testing**

#### **EAS 208: 2001, *Radiographic image quality indicators for non-destructive testing — Principles and identification***

This East African Standard defines the characteristics of image quality indicators for non-destructive testing used in radiography and specifies the symbols which allow the identification of these indicators. Notwithstanding that the basic experience was based on radiography of steel, this standard is intended for general application on all metals. However, for particular materials (for example, aluminium and its alloys) complementary International Standards may be issued.

ICS 19.100 HS 7200; 7300; 7400; 7500; 7600; 7800; 7900; 8000; 8100 4 pages

## **25 MANUFACTURING ENGINEERING**

### **25.140.30 Hand-Operated Tools**

#### **EAS 132: 1999, *Hoes (jembes) — Both plain and forked — Specification***

This East African Standard specifies the requirements for forged hoes; both plain and fork hoes used for digging.

ICS 25.140.30 HS 8201.30.00 11 pages

**EAS 188: 2000, *Machetes — Specification***

This East African Standard applies to general purposes panga or curved blade, straight blade and tapered blade.

ICS 25.100.30 HS 8201.90.00 8 pages

## **27 ENERGY AND HEAT TRANSFER ENGINEERING**

### **27.160 Solar energy engineering**

**EAS 363-2: 2005, *Solar photovoltaic power systems — Test procedures for main components — Part 2: Installation, maintenance, testing and replacement of batteries***  
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This East African Standard specifies the requirements and recommended practices for the installation, maintenance, testing, and replacement of secondary batteries for use with photovoltaic power systems.

This standard specifies requirements and installation for all types of batteries including lead-acid and nickel-cadmium and covers both vented and sealed cells.

ICS 27.160; 29.220.20 HS 8507.20.00(Pb); HS 8507.30.00(NiCd); HS 8507.40.00(NiFe); HS 8507.80.00 85 pages

**EAS 363-5: 2005, *Solar photovoltaic power systems — Test procedures for main components — Part 5: Test procedures for luminaires***

This Part 5 of EAS 363 specifies the test procedures for luminaires for use in photovoltaic systems.

ICS 27.160; 29.140.40 HS 8539.21.00(filament); HS 8539 31.00(Fluor); HS 8539.31.10(CFL); HS 8539.31.90 8 pages

**EAS 368: 2005, *Photovoltaic system performance monitoring — Guidelines for measurement, data exchange and analysis***

This East African Standard recommends procedures for the monitoring of energy-related PV system characteristics such as in-plane irradiance, array output, storage input and output and power conditioner input and output; and for the exchange and analysis of monitored data. The purpose of these procedures is to assess the overall performance of PV systems configured as stand-alone or utility grid-connected, or as hybridised with non-PV power sources such as engine generators and wind turbines. This standard may not be applicable to small standalone systems due to the relatively high cost of the measurement equipment.

ICS 27.160; 27.180 HS 8541.40.00 [HS 8541.40.11] 12 pages

**EAS 389-1: 2006, *Solar photovoltaic power systems — Design, installation operation monitoring and maintenance — Code of practice — Part 1: Design of solar PV power systems***

This East African Standard specifies requirements for the design criteria for photovoltaic power systems. This East African Standard covers requirements for photovoltaic systems intended for use on buildings such as domestic, school, office and industrial building, and whose total output power does not exceed 12000 peak watts. This specification gives the requirements for:

- the components for photovoltaic systems as optimized for system sizes based on 12 V dc; and
- for the installation, commissioning, operation, inspection, monitoring and maintenance requirements for such systems.

Typical sizes of photovoltaic systems for SHS are given in annex A of this standard. This standard emphasizes the optimization and functionality of the system with an in-built safety aspect at every stage.

ICS 27.160 HS 8504.40.00; [HS 8504.40.10]; HS 8507.20.00(Pb); HS 8507.30.00(NiCd); HS 8507.40.00(NiFe); HS 8507.80.00; HS 8541.40.00 [HS 8541.40.11]; HS 8539.21.00(filament); HS 8539 31.00(Fluor); HS 8539.31.10(CFL); HS 8539.31.90; 200 pages

**EAS 389-2: 2006, Solar photovoltaic power systems — Design, installation, operation, monitoring and maintenance — Code of practice — Part 2: Installation of solar PV power systems**

This East African Standard specifies requirements for the installation of photovoltaic power systems. This East African Standard covers requirements for photovoltaic systems intended for use on buildings such as domestic, school, office and industrial building, and whose total output power does not exceed 12000 peak watts.

ICS 27.160 HS 8504.40.00; [HS 8504.40.10]; HS 8507.20.00(Pb); HS 8507.30.00(NiCd); HS 8507.40.00(NiFe); HS 8507.80.00; HS 8541.40.00 [HS 8541.40.11]; HS 8539.21.00(filament); HS 8539 31.00(Fluor); HS 8539.31.10(CFL); HS 8539.31.90; 60 pages

**EAS 389-3: 2006, Solar photovoltaic power systems — Design, installation, operation, monitoring and maintenance — Code of practice — Part 3: Operation of PV systems**

This East African Standard specifies requirements for the operation of photovoltaic power systems. This East African Standard covers requirements for photovoltaic systems intended for use on buildings such as domestic, school, office and industrial building, and whose total output power does not exceed 12000 peak watts.

ICS 27.160 HS 8504.40.00; [HS 8504.40.10]; HS 8507.20.00(Pb); HS 8507.30.00(NiCd); HS 8507.40.00(NiFe); HS 8507.80.00; HS 8541.40.00 [HS 8541.40.11]; HS 8539.21.00(filament); HS 8539 31.00(Fluor); HS 8539.31.10(CFL); HS 8539.31.90 40 pages

**EAS 389-4: 2006, Solar photovoltaic power systems — Design, installation, operation, monitoring and maintenance — Code of practice — Part 4: Monitoring and maintenance of solar PV power systems**

This East African Standard specifies requirements for the monitoring and maintenance of photovoltaic power systems. This East African Standard covers requirements for photovoltaic systems intended for use on buildings such as domestic, school, office and industrial building, and whose total output power does not exceed 12000 peak watts.

ICS 27.160 HS 8504.40.00; [HS 8504.40.10]; HS 8507.20.00(Pb); HS 8507.30.00(NiCd); HS 8507.40.00(NiFe); HS 8507.80.00; HS 8541.40.00 [HS 8541.40.11]; HS 8539.21.00(filament); HS 8539 31.00(Fluor); HS 8539.31.10(CFL); HS 8539.31.9078 pages

## **27.180 Wind turbine energy systems**

**EAS 727: 2008; Wind turbines — Protective measures — Requirements for design, operation and maintenance**

This East African Standard specifies requirements for protective measures relating to the health and safety of personnel, relevant to commissioning, operation and maintenance of wind turbines. It does not describe instructions and provisions for safe working during manufacture, transport, assembly and installation of the wind turbine.

ICS 27.180 HS 8412.80.00; HS 8502.31.00 19 pages

## **29 ELECTRICAL ENGINEERING**

### **29.035.20 Plastics and Rubber Insulating Materials**

**EAS 137-1: 2000, *PVC Insulations and sheaths of electric cables and cords — Specification — Part 1: Physical and electrical requirements***

This Part of this East African Standard specifies the physical and electrical requirements for the types PVC insulation and sheaths of electric cables given in table 1. The relevant test methods for verification of compliance are given in other parts of this standard.

ICS 29.035.20 HS 8546.90.00 12 pages

**EAS 137-2:2000, *PVC Insulations and sheaths of electric cables and cords — Specification Part 2: Methods of measurement of thickness and overall dimensions and determination of the mechanical properties***

This Part 2 of this East African Standard specifies the methods for measuring the thickness and overall dimensions and for determining the mechanical properties of PVC insulating and sheathing materials of electric cables and cords for power distribution and telecommunications covered in Part 1.

ICS 29.035.20 HS 8546.90.00 18 pages

**EAS 137-3: 2000, *PVC insulations and sheaths of electric cables and cords — Specification — Part 3: Thermal-ageing methods***

This Part 3 of this East African Standard gives thermal ageing methods which apply to PVC insulating and sheathing materials of electric cables and cords for power distribution and telecommunications covered in Part 1.

ICS 29.035.20 HS 8546.90.00 12 pages

**EAS 137-4: 2000, *PVC insulations and sheaths of electric cables and cords — Specification — Part 4: Loss of mass test and thermal stability test***

This Part 4 of this East African Standard specifies the methods for loss of mass test and thermal stability test which apply to PVC insulating and sheathing materials of electric cables and cords for power distribution and telecommunications covered in Part 1.

ICS 29.035.20 HS 8546.90.00 7 pages

**EAS 137-5: 2000, *PVC insulations and sheaths of electric cables and cords — Specification — Part 5: Pressure test at high temperatures and test to resistance to cracking***

This Part 5 of this East African Standard specifies the methods of pressure test at high temperature and of tests for resistance to cracking which apply to PVC insulating and sheathing materials of electric cables and cords for power distribution and telecommunications covered in Part 1.

ICS 29.035.20 HS 8546.90.00 1 pages

**EAS 137-6: 2000, *PVC Insulations and sheaths of electric cables and cords — Specification — Part 6: Tests at low temperature***

This Part 6 of this East African Standard specifies the methods of tests at low temperature which apply to PVC insulating and sheathing materials of electric cables and cords for power distribution and telecommunications covered in Part 1.

ICS 29.035.20 HS 8546.90.00 12 pages

**EAS 137-7:2000, *PVC Insulations and sheaths of electric cables and cords — Specification — Part 7: Hot deformation test***

This Part 7 of this East African Standard specifies the method of hot deformation test which applies to PVC insulating and sheathing materials of electric cables and cords for power distribution and telecommunications covered in Part 1.

ICS 29.035.20 HS 8546.90.00 5 pages



**EAS 111: 1999, All Aluminium Conductors (AAC) for overhead power transmission — Specification**

This East Africa Standard applies to the requirements for all aluminium stranded conductors (AAC) for overhead power transmission purposes.

ICS 29.240.20; 29.060.10      HS 7614.90.00 15 pages

**29.060.20      Cables**

**EAS 113: 1999, PVC Insulated cables — Spark testing — Method**

This East African Standard specifies requirements for PVC-covered conductors for overhead power lines. These requirements are limited to the PVC covering and to the testing thereof after application to the conductors.

ICS 29.060.20; 29.240.20      HS 8544.19.20; HS 8544.51.30; HS 8544.60.20 5 pages

**EAS 114: 1999, PVC Insulated cables (non-armoured) for electric power and lighting — Specification**

This East African Standard specifies requirements and dimensions for non-armoured PVC insulated cables for operation at voltages up to and including 450 V to earth and 750 V a.c. between conductors. The cables are suitable for use where the combination of ambient temperature and temperature rise due to load results in a conductor temperature not exceeding 70 °C and in the case of a short circuit the maximum conductor temperature does not exceed 60 °C.

ICS 29.060.20   HS 8544.19.20; HS 8544.51.30 23 pages      PGr 3

**EAS 115: 1999, Electric Cables — Spark testing — Test method**

This East Africa Standard specifies requirements and test methods for A.C. and D.C. spark testing of the insulation and sheath of electric cables, but does not apply to telecommunication cables.

ICS 29.060.20   HS 8544.19.20; HS 8544.51.30; HS 8544.60.20 6 pages

**EAS 116:1999, Copper conductors in insulated cables — Specification**

This East Africa Standard gives the requirements for plain or tinned annealed and plain or tinned hard drawn copper conductors in the finished insulated cables. It deals with solid, stranded, bunched and multiple stranded circular conductors and solid and stranded shaped conductors, but it does not cover the following: conductors for use in coils of machines and apparatus; conductors for aircraft cables; conductors for telecommunication cables; conductors for radio-frequency cables; conductors for mineral insulated cables; and conductors for special design, for example, hollow-core conductors.

ICS 29.060.20   HS 8544.11.00 18 pages

**EAS 117:1999, Insulated flexible cables — Specification**

This East Africa Standard specifies requirements and dimensions for insulated flexible cables for operation

at voltages up to and including 450 V to earth and 750 V a.c. between phases. The cables are primarily intended for use under the conditions envisaged in the Regulations for the Electrical Equipment of Buildings. The specification covers flexible cables suitable for operation where the combination of ambient temperature and temperature rise due to load results in a conductor temperature not exceeding:

a) PVC, 70 °C for general purpose and flexible PVC insulation operating at maximum temperature of

70 °C, and, in the case of a short circuit, the maximum temperature does not exceed 160 °C;

b) rubber, (i) 60 °C for type 60 °C insulation; (ii) 85 °C for type 85 °C insulation, (iii) 150 °C for type 150 °C, but 180 °C if there are no limits imposed by environmental conditions; and, in the case of a short circuit, the maximum temperature does not exceed:

– 200 °C for type 60 °C insulation.

– 250 °C for type 85 °C insulation,

– 350 °C for type 150 °C insulation.

c) Glass fibre insulation – 185 °C and, in the case of a short circuit, the maximum temperature does not exceed 250 °C.

#### **29.120.10 Conduits for Electrical Purposes**

**EAS 168: 2014, *Junction boxes for use in electrical installations — Specification (2<sup>nd</sup> Edition)***

This East African Standard specifies requirements and methods of sampling and test for junction boxes of surface or flush mounting types for use in fixed wiring installations. This East African Standard applies to junction boxes used in a.c. and d.c. circuits where the rated voltage does not exceed 250 V and where the conductors are not subject to mechanical tension in normal use. It covers junction boxes having fixed terminals with capacity for cable conductors up to 10 mm<sup>2</sup>. It does not apply to junction boxes for use in conditions where special protection against the ingress of dust or moisture is required..

ICS 29.120.10 HS 8536 90 30 20 pages

**EAS 178-1: 2007, *Flexible PVC conduits for electrical wiring — Specification — Part 1: Plain conduits***

This East African Standard specifies requirements for plain flexible conduits, made of PVC material, or any other suitable material. The conduits are intended for the mechanical protection of insulated electrical conductors, where flexibility during use is required. It specifies all the internationally agreed sizes up to 50 mm diameter.

ICS 29.120.10 HS 8546.90.00; HS 8547.20.00; HS 8546.90.10 15 pages

**EAS 178-2: 2007, *Flexible PVC conduits for electrical wiring — Specification — Part 2: Corrugated conduits***

This Part 2 of this East African Standard specifies requirements for flexible corrugated conduits of insulating materials. The conduits are intended for the mechanical protection of insulated electrical conductors, where flexibility during use is required. The standard specifies all the internationally agreed sizes up to 50 mm diameter.

ICS 29.120.10 HS 8546.90.00; HS 8547.20.00; HS 8546.90.10 14 pages

#### **29.120.30 Plugs, Socket-Outlets, Couplers**

**EAS 495-1: 2008, *13 A plugs, socket-outlets, adaptors and connection units — Part 1: Specification for rewirable and non-rewirable 13 A fused plugs***

This part of this East African Standard specifies requirements for 13 A fused plugs having insulating sleeves on line and neutral pins, for household, commercial and light industrial purposes, with particular reference to safety in normal use. The plugs are suitable for the connection of portable appliances; sound-vision equipment, luminaires, etc in ac circuits only, operating at voltages not exceeding 250 V r.m.s. at 50 Hz. Requirements are specified for plugs incorporating a fuse link complying with EAS 496. The plugs may be rewirable or non-rewirable complete with flexible cord. Two categories of plugs are specified covering normal and rough use. Rewirable plugs are intended for use with flexible cords complying with EAS 117-1 having conductor cross-sectional areas from 0.5 mm<sup>2</sup> to 1.5 mm<sup>2</sup> inclusive.

ICS 29.120.30 HS 8536.50.00; HS 8536.69.00; HS 8536.90.00 65 pages

**EAS 495-2: 2008, *13 A plugs, socket-outlets, adaptors and connection units — Part 2: Specification for switched and unswitched socket outlets***

This part of EAS 495 specifies requirements for 13 A switched and unswitched shuttered socket-outlets for household, commercial and light industrial purposes, with particular reference to safety in normal use. The o socket-outlets are suitable for the connection of portable appliances, sound-vision equipment, luminaires, etc. in a.c. circuits only, operating at voltages not exceeding 250 V r.m.s. at 50 Hz using plugs in accordance with EAS 495-1.

Requirements are specified for 13 A shuttered socket-outlets in single or multiple arrangements with or without associated controlling switches, for flush mounting in suitable boxes, e.g.

complying with EAS 203, or for surface or panel mounting or for portable use. Fixed socket-outlets are intended for use with cables complying with IEC 60227 having copper conductors. Portable socket-outlets are intended for use with flexible cords, complying with EAS 117-1. Socket-outlets containing devices other than fuse links, switches and indicator lamps are outside the scope of this part of EAS 495.

ICS 29.120.30 HS 8536.50.00; HS 8536.69.00; HS 8536.90.00 63 pages

**EAS 495-3:2008, 13 A plugs, socket-outlets, adaptors and connection units — Part 3: Specification for adaptors**

This part of EAS 495 specifies requirements for adaptors having insulating sleeves on the line and neutral plug pins and suitable for use with socket-outlets complying with EAS 495-2, with particular reference to safety in normal use. Adaptors specified in this part of EAS 495 are intended for household, commercial and light industrial purposes. The adaptors are suitable for the connection of portable appliances, sound-vision equipment, luminaires, etc., in a.c. circuits only, operating at voltages not exceeding 250 V r.m.s. at 50 Hz. Assemblies comprising a plug and one or more portable socket-outlets connected together by a flexible cord or cable are not considered to be adaptors according to this part of EAS 495. Devices incorporating switches, transformers, timers, thermostats or other control means are outside the scope of this part of EAS 495.

ICS 29.120.30 HS 8536.50.00; HS 8536.69.00; HS 8536.90.00 83 pages

**EAS 495-4: 2008, 13 A plugs, socket-outlets, adaptors and connection units — Part 4: 13 A fused connection units: Switched and unswitched**

This part of EAS 495 specifies requirements for 13 A fused fixed connection units for household, commercial and light industrial purposes, with particular reference to safety in normal use. The connection units are suitable for the connection of appliances, in a.c. circuits only, operating at voltages not exceeding 250 V r.m.s at 50 Hz. Requirements are specified for connection units incorporating a fuse-link complying with EAS 496. Requirements are specified for 13 A connection units with or without associated controlling switches, for flush mounting in suitable enclosures, e.g. boxes complying with EAS 203, or for surface or panel mounting. Connection units are intended for use with cables complying with IEC 60227 having copper conductors. Connection units with card outlets are additionally intended for use with flexible cords, complying with EAS 117-1 on the load (output) side. Connection units containing devices other than fuse-links, switches and indicator lamps are outside the scope of this standard.

ICS 29.120.30 HS 8536.50.00; HS 8536.69.00; HS 8536.90.00 41 pages

**EAS 496: 2008 General purpose fuse links for domestic and similar purposes (primarily for use in plugs) — Specification**

This East African Standard specifies dimensions and performance requirements for general purpose cartridge fuse links of current ratings not exceeding 13 A for domestic and similar purposes (primarily for use in plugs complying with the requirements of EAS 495) on declared supply voltages not exceeding 250 V (see 4.5) at a nominal frequency of 50 Hz or 60 Hz. It does not cover fuse bases or fuse holders for use with these fuse links.

ICS 29.120.30 HS 8536.50.00; HS 8536.69.00; HS 8536.90.00 27 pages

**29.120.99 Other Electrical Accessories**

**EAS 203:2014, Boxes for enclosure of electrical accessories — Specification (2nd Edition)**

This East African Standard specifies requirements and methods of test for boxes intended to contain one or more electrical accessories and to be recessed into a wall, ceiling or similar flat-surfaced structure..

ICS 29.120.99 HS 8538.10.00 24 pages

**29.140.40 Luminaires**

**EAS 363-5: 2005, Solar photovoltaic power systems — Test procedures for main components — Part 5: Test procedures for luminaires**

This Part 5 of EAS 363 specifies the test procedures for luminaires for use in photovoltaic systems.

ICS 27.160; 29.140.40 HS 8539.21.00(filament); HS 8539 31.00(Fluor); HS 8539.31.10(CFL); HS 8539.31.90 8 pages

## **29.220.20 Acid Secondary Cells and Batteries**

**EAS 120-1: 2006 Lead acid starter batteries — Specification — Part 1: General requirements (2ND edition)**

This standard is applicable to lead-acid batteries with a nominal voltage of 12 V. used primarily as a power source for the starting of internal combustion engines, lighting and also for auxiliary equipment of internal combustion engine vehicles. These batteries are commonly called "starter batteries". Batteries with a nominal voltage of 6 V are also included within the scope of this standard. All referenced voltages have to be divided by two for 6 V batteries: This standard is applicable to batteries for the following purposes: batteries for passenger cars; batteries for commercial and industrial vehicles for normal use; and batteries for commercial and industrial vehicles for severe use. This standard is not applicable to batteries for other purposes, for example, the starting of railcar internal combustion engines.

ICS 29.220.20; 43.040.10 HS 8507.10.00 23 pages

**EAS 120-2: 1999, Lead-acid starter batteries — Part 2: Dimensions of batteries and dimensions and marking of terminals**

This East African Standard is applicable to lead-acid batteries used for starting, lighting and ignition of passenger automobiles and light commercial vehicles with a nominal voltage of 12 V fastened to the vehicles by means of lugs on the long sides of the battery case (standard fastening). Since other methods of fastening the batteries are at present in use, two alternative admissible means are also specified. The object of the present standard is to specify; the main dimensions of starter batteries of four standard series; the location of the positive and negative terminals with respect to the fastening system; the dimensions of tapered terminals of starter batteries; and the marking of the polarity."

ICS 29.220.20; 43.040.10 HS 8507.10.00 11 pages

**EAS 121: 1999, Water for lead-acid batteries — Specification**

This East African Standard specifies requirements for sampling and testing water for lead acid batteries.

ICS 29.220.20 HS 2851.00.00 13 pages

**EAS 363-2:2005, Solar photovoltaic power systems — Test procedures for main components — Part 2: Installation, maintenance, testing and replacement of batteries**

This East African Standard specifies the requirements and recommended practices for the installation, maintenance, testing, and replacement of secondary batteries for use with photovoltaic power systems.

This standard specifies requirements and installation for all types of batteries including lead-acid and nickel-cadmium and covers both vented and sealed cells.

ICS 27.160; 29.220.20 HS 8507.20.00(Pb); HS 8507.30.00(NiCd); HS 8507.40.00(NiFe); HS 8507.80.00 85 pages

## **29.240.20 Power transmission and distribution lines**

**EAS 111: 1999, All aluminium conductors (AAC) for overhead power transmission — Specification**

This East Africa Standard applies to the requirements for all aluminium stranded conductors (AAC) for overhead power transmission purposes.

ICS 29.240.20; 29.060.10 HS 7614.90.00 15 pages

**EAS 112: 1999, Aluminium conductors, Galvanized steel reinforced (ACSR) for overhead power transmission — Specification**

This East Africa Standard specifies to the requirements for aluminium conductors, steel-reinforced (ACSR) for overhead power transmission purposes.

ICS 29.240.20; 29.060.10      HS 7614.10.00 11 pages

**EAS 113: 1999, PVC Insulated cables — Spark testing — Method**

This East African Standard specifies requirements for PVC-covered conductors for overhead power lines. These requirements are limited to the PVC covering and to the testing thereof after application to the conductors.

ICS 29.060.20; 29.240.20      HS 8544.19.20; HS 8544.51.30; HS 8544.60.20 5 pages

**29.260.20      Electrical apparatus for explosive atmospheres**

**EAS 811-1: 2014, Code of practice for safety of electrical installations — Part 1: General**

This part of EAS 811 specifies the terms and definitions, symbols and methods of earthing of electrical supply, communication facilities and associated equipment. It applies to all new and existing installations and extensions.

This standard does not cover the earthed return of electric railways nor those lightning protection wires that are normally independent of supply or communication wires or equipment.

ICS 29.260.20    HS 8501.to 8547      29 pages

**EAS 811-2: 2014, Code of practice for safety of electrical installations — Part 2:**

***Installation and maintenance of electric supply stations and equipment***

This part of EAS 811 specifies the safety requirements for installations, operations and maintenance of electric supply stations.

It also provides safety guidelines to personnel involved in electric supply stations and their associated structural arrangements that are accessible only to qualified personnel.

ICS 29.260.20    HS 8501.to 8547      28 pages

**EAS 811-3: 2014, Code of practice for safety of electrical installations — Part 3:**

***Installation and maintenance of overhead electric supply and communication lines***

This part of EAS 811 specifies safety requirements for installation and maintenance of overhead electric supply and communication lines and their associated equipment. It prescribes the associated structural arrangements of such systems and the extension of such systems into buildings. It includes requirements for spacing, clearances, and strength of construction. This part of EAS 811 does not apply to installations in electric supply stations except as required by 8.3.3 of EAS 811-1.

ICS 29.260.20    HS 8501.to 8547      99 pages

**EAS 811-4: 2014, Code of practice for safety of electrical installations — Part 4:**

***Installation and maintenance of underground electric supply and communication lines***

This part of EAS 811 specifies safety requirements for the installation and maintenance of underground electric supply and communication lines.

It prescribes the associated structural arrangements and the extension of such systems into buildings. It also covers the cables and equipment employed primarily for the utilization of electric power when such cables and equipment are used by the utility in the exercise of its function as a utility. This part does not apply for installations in electric supply stations.

ICS 29.260.20    HS 8501.to 8547      24 pages

**EAS 811-5: 2014 Code of practice for safety of electrical installations — Part 5: Operation of electric supply lines, communication lines and equipment**

This part of EAS 811 specifies the practical work requirements to be followed during installation, operation and maintenance of electric supply and communications lines and equipment as a means of safeguarding employees and the public from injury.

ICS 29.260.20 HS 8501.to 8547 18 pages

#### **43.040 Road vehicle systems**

##### **43.040.10 Electrical and electronic equipment**

###### **EAS 120-1: 2006 *Lead acid starter batteries — Specification — Part 1: General requirements (2<sup>ND</sup> edition)***

This standard is applicable to lead-acid batteries with a nominal voltage of 12 V. used primarily as a power source for the starting of internal combustion engines, lighting and also for auxiliary equipment of internal combustion engine vehicles. These batteries are commonly called "starter batteries". Batteries with a nominal voltage of 6 V are also included within the scope of this standard. All referenced voltages have to be divided by two for 6 V batteries.

This standard is applicable to batteries for the following purposes:

- batteries for passenger cars;
- batteries for commercial and industrial vehicles for normal use;
- batteries for commercial and industrial vehicles for severe use.

This standard is not applicable to batteries for other purposes, for example, the starting of railcar internal combustion engines.

ICS 29.220.20; 43.040.10 HS 8507.10.00 23 pages

###### **EAS 120-2: 1999, *Lead acid starter batteries — Specification — Part 2: Dimensions of batteries and marking of terminals (2<sup>ND</sup> edition)***

This standard is applicable to lead-acid batteries with a nominal voltage of 12 V, used primarily as a power source for starting and ignition of internal combustion engines, lighting and also for auxiliary equipment of internal combustion engine vehicles. These batteries are commonly called "Starter batteries".

ICS 29.220.20; 43.040.10 HS 8507.10.00 11 pages

###### **EAS 464: 2007, *Seat belt assemblies for motor vehicles — Specification***

This East African Standard specifies the requirements for automobile seat belt assemblies which are designed to accommodate one adult and are fitted, in the main, to forward facing seats for the purpose of protecting passengers from injury in the event of a traffic accident.

ICS 43.040.80 HS 8708.21.00 23 pages

###### **EAS 181: 2000, *Fuel tank assembly for automotive vehicle — Safety requirements***

This East African Standard covers the safety requirements for the integrity and security of fuel tanks, fuel tank filters, delivery pipes and fuel tank connections, used on automotive vehicles to minimise fire hazards resulting from fuel spillage during and after crash and/or collision. This East African Standard applies to motor cars, mini-buses, motor omni buses, heavy commercial vehicles, commercial vehicles and special types of motor vehicles.

ICS 43.060.40 HS 8708.99.00 3 pages

#### **55 PACKAGING AND DISTRIBUTION OF GOODS**

##### **55.040 Packaging materials and accessories**

###### **EAS 880:2018, *Waxed paper for packaging of confectionery — Specification (1st Edition)***

This East African Standard specifies the requirements and test methods for waxed paper for packaging of confectionery.

ICS 55.040 HS 4819.10.00 22 pages

***EAS 886:2018, Packaging — Flexible packaging material — Determination of residual solvents by headspace gas chromatography — Test method (1st Edition)***

This East African Standard prescribes a method for the quantitative determination of residual solvents in flexible packaging materials by headspace gas chromatography. Residues from thermal decomposition products are not within the scope of this standard. The method is applicable to flexible packaging materials that may consist of mono- or multilayer plastic films, paper or board, foil or combinations thereof.

ICS 55.040      HS 4819.10.00    6 pages

**55.080 Sacks. Bags**

***EAS 221: 2001, Woven bags (100 percent sisal) for clean coffee beans — Specification***

This East African Standard specifies the requirements for woven bags (100 per cent sisal) for clean coffee beans.

ICS 55.080      HS 6305.39.00; HS 6305.90.00    4 pages

***EAS 481: 2008, Plastic carrier bags — Specification***

This East African standard specifies requirements for carrier bags that are made from plastic materials. This standard covers plastic carrier bags both domestically produced and imported, for use within the East African Community. This standard covers the thickness and printing requirement of these bags.

This standard does not cover some specific plastic packaging materials such as bread bags, candies, laundry bags, refuse bags, bin liners and cement bags. Packages of specific items that must use plastics will be covered by separate standards.

ICS 55.080    HS 3923 21 00; HS 3923 29.00                      5 pages

***EAS 882:2018, Packaging — Flexible carrier bags — Specification (1st Edition)***

This East African Standard specifies requirements, sampling and test methods for flexible carrier bags made of paper and any other flexible material. This standard does not apply to carrier bags made from thermoplastic material.

ICS 55.080                      HS 4819.10.00; HS 4823                      5 pages

**55.100 Bottles. Pots. Jars**

***EAS 354: 2004, Plastic containers for up to 5 litres capacity — Specification***

This East African Standard covers minimum requirements for plastic containers of nominal capacities up to and including 5 litres intended for storage of commodities other than explosives, compressed gases and radioactive materials.

ICS 55.100; 55.140      HS 3924.90.00    24 pages

***EAS 935:2019 Packaging code –Part1 Packaging in glass (1st Edition)***

This East African Standard gives guidelines on the manufacture, types, selection and use of glass containers for packaging.

ICS 55.100; 55.140      HS 7013                      11 pages

**55.120 Cans. Tins. Tubes**

***EAS 879:2018, Aluminium cans for beverages — Specification (1st Edition)***

This East African Standard specifies requirements and test methods for Aluminium cans used as primary pack for packaging of beverages

ICS 55.120      HS 7612                      9 pages

***EAS 881:2018, Packaging — Flexible tubes — Determination of the air tightness of closures — Test method (1st Edition)***

This East African Standard specifies a test method for air tightness of the closures for flexible tubes. It is applicable to flexible single-layer metal or plastics tubes, and multilayer or laminated tubes, used for packing pharmaceutical, cosmetic, hygiene, food and other domestic and industrial products.

ICS 55.120      HS 3923      3 pages

***EAS 884:2018, Packaging — Flexible tubes — Determination of puncture resistance — Test method (1st Edition)***

This East African Standard specifies a test method for determining the puncture resistance of flexible packaging materials. The method is applicable to multilayer flexible packaging materials.

ICS 55.120      HS 3923      5 pages

***EAS 934:2019 Packaging — Flexible laminate tubes — Test methods to assess the strength of the side seam (1st Edition)***

This East African Standard specifies methods for the assessment of the strength of the side seam of flexible laminate tubes

ICS 55.120      HS 3923      5 pages

**55.160 Cases. Boxes. Crates**

***EAS 988: 2018, Plastic crates — Specification (1st Edition)***

This East African Standard specifies the requirements and test methods for rigid plastic crates for holding and transportation of beverages, fruits, vegetables, bread and milk among others of used textile products

ICS 55.160      HS 3923      5 pages

**59 TEXTILE AND LEATHER TECHNOLOGY**

**59.080 Products of the textile industry**

***EAS 256: 2001, Method for determination of scouring loss in grey and finished cotton textile materials***

This East African Standard describes two methods for determining the scouring loss (loss in mass on scouring) of grey and finished cotton textile materials. The methods apply to grey and finished cotton textile materials wherein only starch or tamarind kernel powder or both, and water-soluble or easily removable finishing agents, such as fats, and china clay have been used and which would normally be removed during the scouring process. The test specimen is taken and its moisture content is determined. Another test specimen is scoured, washed and its oven-dry mass is determined. The scouring loss is calculated on the basis of oven-dry mass of the test specimen.

Samples shall be selected so as to be representative of the lot. Samples drawn in accordance with the procedure laid down in the specification of the material shall be taken as representative of the lot.

ICS 59.080.20      HS 5000; HS 5100; HS 5200; HS 5300; HS 5400 to HS 6700      4 pages

**59.080.20      Yarns**

***EAS 155-1: 2000, Cotton yarns — Specification — Part 1: Grading by appearance***

This East African Standard specification describes methods for grading of cotton yarns by appearance. This standard specification applies to single spun grey cotton yarns. It does not apply to single spun slub yarns or piled yarns.



ICS 59.080.20 HS 5205; HS 5206; HS 5207 5 pages

**EAS 257: 2001, *Methods for estimation of moisture total size for finish, ash, fatty matter and determination of water-soluble matter in textiles***

This East African Standard prescribes methods for estimating moisture, total size or finish, ash, fatty matter and determination of water-soluble matter in textile materials.

ICS 59.060.10; 59.080.20; 59.080.30 HS 5000; HS 5100; HS 5200; HS 5300; HS 5400 to HS 6700 11 pages

**59.080.30 Textile fabrics**

**EAS 96-1:2018, *Sanitary towels — Part 1 Specification (3rd Edition)***

This East African Standard specifies requirements, sampling, and test methods for disposable sanitary towels (also known as sanitary pads/sanitary napkins). This standard does not apply to reusable sanitary towels.

ICS 59.080.30 HS 4818.40.10 [HS 4818.40.4010] 18 pages

**EAS 154:2018, *Baby napkins — Specification (2nd Edition)***

This East African Standard specifies the requirements, sampling and test methods for baby napkins.

ICS 59.080.30 HS 4818.40.90 [HS 4818.40.4030] 4 pages

**EAS 156-1:2000, *Woven bags from natural fibres — Specification — Part 1: Woven bags for cereals***

This East African Standard specifies the constructional and performance requirements of woven bags made from natural fibres to contain 90 kg load of any type of cereal or pulses. It also prescribes the packing and marking requirements of a bale containing the bags, ready for dispatch.

ICS 59.080.30 HS 6305.10.00; HS 6305.20.00; HS 6305.32.00; HS 6305.90.00 6 pages

**EAS 156-2: 2000, *Woven bags from natural fibres — Specification — Part 2: Woven bags for milled products***

This East African Standard specifies the bag cloth and making-up requirements for woven bags made from natural fibres for packing and storage of milled products.

ICS 59.080.30 HS 6305.10.00; HS 6305.20.00; HS 6305.32.00; HS 6305.90.00 3 pages

**EAS 156-3: 2000, *Woven bags from natural fibres — Specification — Part 3: Woven bags for sugar***

This East African Standard specifies minimum requirements and other particulars of natural fibre bags made from sisal, jute or kenaf for the packaging of sugar.

ICS 59.080.30 HS 6305.10.00; HS 6305.20.00; HS 6305.32.00; HS 6305.90.00 7 pages

**EAS 220:2018, *Knitted polyester fabric — Specification (2nd Edition)***

This East African Standard specifies the requirements, sampling and test methods for knitted polyester fabric for apparel purposes.

ICS 59.080.30 HS 6006.31.00 4 pages

**EAS 222:2018, *Knitted polyester/cellulosic blended fabric — Specification (2nd Edition)***

This East African Standard specifies the requirements, sampling and test methods for knitted polyester-cellulosic blended fabric for apparel purposes.

ICS 59.080.30 HS 6006.31.00 5 pages

**EAS 224:2018, *Cotton khanga — Specification (2nd Edition)***

This East African Standard specifies the requirements, sampling and test methods for cotton khanga.

ICS 59.080.30 HS 5208.51.10; HS 5208.52.10; HS 5209.51.10; HS 5210.51.10; HS 5211.51.10; HS 5212.15.10 5 pages

***EAS 225-1:2018, Umbrella fabrics — Specification — Part 1 Cotton fabrics (2nd Edition)***

This East African standard specifies the requirements, sampling and test methods for woven umbrella fabrics composed of cotton fibres.

ICS 59.080.30 HS 5208.59.00 3 pages

***EAS 225-2: 2018, Umbrella fabrics — Specification — Part 2 Man-made fibre fabric (2nd Edition)***

This East African standard specifies the requirements, sampling and test methods for woven umbrella fabrics composed of man-made fibres.

ICS 59.080.30 HS 5407.10.14 4 pages PGr 1

***EAS 225-3: 2018, Umbrella fabrics — Specification — Part 3 Silk fabrics (2nd Edition)***

This East African Standard specifies the requirements, sampling and test methods for woven umbrella fabrics made of silk fibres.

ICS 59.080.30 HS 5007.90.00 4 pages

***EAS 226:2018, Kitenge — Specification (2nd Edition)***

This East African Standard specifies the requirements, sampling and test methods for Kitenge.

ICS 59.080.30 HS 5208.51.10; HS 5208.52.10; HS 5209.51.10; HS 5210.51.10; HS 5211.51.10; HS 5212.15.10 4 pages

***EAS 227:2018, Knitted cotton fabric — Specification (2nd Edition)***

This East African Standard specifies the requirements, sampling and test methods for knitted cotton fabric suitable for apparel purposes.

ICS 59.080.30 HS 6001.10.10; HS 6001.21.00; HS 6001.91.00 4 pages

***EAS 228:2018, Cotton bed sheets — Specification (2nd Edition)***

This East African Standard specifies the requirements, sampling and test methods for bed sheets made from cotton fabrics. This standard applies to finished bed sheets made from bleached fabrics, printed fabrics, dyed fabrics and dyed and printed fabrics.

ICS 59.080.30 HS 6302.10.10 5 pages

***EAS 229: 2001, Crepe bandages — Specification***

This East African Standard specifies requirements for crepe bandages used for surgical dressings.

ICS 59.080.30 HS 3005.90.40 5 pages

***EAS 246: 2001, Method for determination of added oil content of sisal or jute yarn or fabric***

This East African Standard describes a method for determination of added oil content of sisal or jute yarn or fabric or a combination of sisal and jute fabric.

ICS 59.080.30 HS 5303; HS 5304 5 pages

***EAS 252: 2007, Textile fabrics — Method for determination of water repellency of fabrics by cone test***

This East African Standard prescribes a method for determining the water repellency of fabrics (permeable as well as non-permeable to air) by cone test.

ICS 59.080.30 HS 5000; HS 5100; HS 5200; HS 5300; HS 5400 to HS 6700 5 pages

**EAS 253-1:2018, Code of practice for grading of textile materials — Part 1 Fabrics (2nd Edition)**

This East African Standard specifies requirements for grading of textile fabrics. This standard applies to both woven and knitted fabrics.

ICS 59.080.30 HS 5000; HS 5100; HS 5200; HS 5300; HS 5400 to HS 6700 5 pages

**EAS 257: 2001, Methods for estimation of moisture total size for finish, ash, fatty matter and determination of water-soluble matter in textiles**

This East African Standard prescribes methods for estimating moisture, total size or finish, ash, fatty matter and determination of water-soluble matter in textile materials.

ICS 59.060.10; 59.080.20; 59.080.30 HS 5000; HS 5100; HS 5200; HS 5300; HS 5400 to HS 6700 11 pages

**EAS 356:2019, Textiles — Requirements for inspection and acceptance of used textile products (2nd Edition)**

This East African Standard specifies the requirements and sampling method for the inspection and acceptance of used textile products.

ICS 59.080.30 HS 6309.00.00 4 pages

**EAS 455:2019, long Lasting Insecticide treated mosquito nets — Specification (Second Edition)**

This East African Standard specifies the requirements, sampling and test methods for treated Long Lasting Insecticidal Nets (LLIN).

ICS 59.080.30 HS 6304.91.10 [HS 6304.92.70] 8 pages

**EAS 93-1: 2000, Preservation of hides and skins — Code of practice — Part 2: Air-drying**

This East African Standard shall apply to raw lamb, sheep, kid and goat skins to be preserved by pickling and intended for tanning.

ICS 59.140.20 HS 4101.00.00 5 pages

**EAS 93-2: 2000, Raw hides and skins — Code of practice — Part 2: By air-drying**

This East African Standard shall apply to raw hides and skins to be preserved by air-drying and intended for tanning.

ICS 59.140.20 HS 4101.00.00 4 pages

**EAS 93-3: 2000, Raw hides and skins — Codes of practice for preservation — Part 3: By pickling**

The pickling method consists of treating skins with pickle which is a solution of an acid (sulphuric or hydrochloric acid) and salt (sodium chloride) in water.

ICS 59.140.20 HS 4101.00.00 4 pages

## **61 CLOTHING INDUSTRY**

### **61.040 Headgear. Clothing accessories. Fastening of clothing**

**EAS 260: 2007, Zippers — Glossary of terms**

This standard covers terms or special meanings used in the Zipper Industry.

ICS 01.040.61; 61.040 HS 9607.00.00 11 pages

**EAS 223: 2001, Zipper — Specification**

This East African standard specifies performance requirements for zippers made from interlocking components mounted on textile tapes.

## 61.060 Footwear

### **EAS 386: 2005, *Used footwear — Inspection and acceptance criteria — Code of practice***

This East African Standard prescribes a Code of Practice for the inspection and acceptance criteria for used footwear. This Standard applies to used footwear of all types and sizes irrespective of their intended end use.

ICS 61.060 HS 6309.00.00 5 pages

## 65 AGRICULTURE

### 65.020 Farming and Forestry

#### **EAS 59: 2000, *Maize seeds for planting — Specification***

This East African Standard specifies minimum requirements for maize seeds (*Zea mays*) for planting.

ICS 65.020.20 HS 1005.10.00 6 pages

#### **EAS 286-1: 2002, *Cutflowers and Cutfoliage — Part 1: Fresh cutflowers — Specification***

This East African Standard specifies common quality requirements for fresh cutflowers for export and local markets.

ICS 65.020.20 HS 0603.10.00 3 pages

#### **EAS 753: 2011, *Seed potato — Specification***

This East African Standard specifies requirements and methods of sampling and test for seed potato. It specifies requirements for varietal identity, purity; genealogy, traceability, pests and diseases, internal and external quality, physiology, sizing, packaging and labelling.

ICS 65.020.20 HS 0701.10.00 16 pages

#### **EAS 821:2015, *Maize seed — Requirements for certification (1<sup>st</sup> edition)****Error! Bookmark not defined.*

This East African Standard specifies the certification requirements for the production of pre-basic, basic and certified seed of maize (*Zea mays* L.). It includes requirements for eligible varieties, field standards, field inspections, seed sampling, laboratory standards, certificates, packaging and labelling and post-control tests.

ICS 65.020.20 HS 0701.10.00 18 pages

#### **EAS 822: 2015, *Sorghum seed— Requirements for certification (1<sup>st</sup> edition)***

This East African Standard specifies the certification requirements for the production of pre-basic, basic and certified seed of sorghum (*Sorghum bicolor* (L.) Moench). It includes requirements for eligible varieties, field standards, field inspections, seed sampling, laboratory standards, certificates, packaging and labeling, and post control tests.

ICS 65.020.20 HS 0701.10.00 17 pages

#### **EAS 823: 2015, *Sunflower seed — Requirements for certification (1<sup>st</sup> edition)***

This East African Standard specifies the certification requirements for the production of pre-basic, basic and certified seed of sunflower (*Helianthus annuus* L.). It includes requirements for eligible varieties, field standards, field inspections, seed sampling, laboratory standards, certificates, packaging and labelling, and post-control tests.

ICS 65.020.20 HS 0701.10.00 17 pages

#### **EAS 824: 2015, *Soybean seed— Requirements for certification (1<sup>st</sup> edition)***

This East African Standard specifies the certification requirements for the production of pre-

basic, basic and certified seed of soybean (*Glycine max*(L.) Merrill). It includes requirements for eligible varieties, field standards, field inspections, seed sampling, laboratory standards, certificates, packaging and labelling, and post-control tests

ICS 65.020.20 HS 0701.10.00 17 pages

**EAS 825: 2015, Groundnut seed— Requirements for certification (1<sup>st</sup> edition)**

This East African Standard specifies the certification requirements for the production of pre-basic, basic and certified seed of groundnut (*Arachis hypogaea* L.). It includes requirements for eligible varieties, field standards, field inspections, seed sampling, laboratory standards, certificates, packaging and labelling, and post-control tests.

ICS 65.020.20 HS 0701.10.00 16 pages

**65.080 Fertilizers**

**EAS 904: 2019, Fertilizers — Phosphate rock powder — Specification (1st Edition)**

This East African Standard specifies requirements, sampling and test methods for phosphate rock fertilizers in powder form of biogenic sedimentary origin.

ICS 65.080 HS 3103.90.00 5 pages

**EAS 905: 2019, Fertilizers — Granulated phosphate rock — Specification (1st Edition)**

This East African Standard specifies requirements, sampling and test methods for granulated phosphate rock fertilizers. The fertilizer shall contain phosphorus as the only predominant primary plant nutrient of biogenic sedimentary origin.

ICS 65.080 HS 3103.90.00 5 pages

**EAS 906: 2019, Fertilizers — Triple Superphosphate — Specification (1st Edition)**

This East African Standard specifies requirements, sampling and test methods for Triple Superphosphate (TSP) fertilizer

ICS 65.080 HS 3103 3 pages

**EAS 907: 2019, Fertilizers — Potassium sulphate (sulphate of potash) — Specification (1st Edition)**

This East African Standard specifies requirements, sampling and test methods for potassium sulphate (sulphate of potash) fertilizer.

ICS 65.080 HS 3104.30.00 3 pages

**EAS 908: 2019, Fertilizers — Potassium chloride (muriate of potash) — Specification (1st Edition)**

This East African Standard specifies requirements, sampling and test methods for potassium chloride (muriate of potash) fertilizer.

ICS 65.080 HS 3104.20.00 3 pages

**EAS 909: 2019, Fertilizers — Calcium ammonium nitrate (CAN) — Specification (1st Edition)**

This East African standard specifies requirements, sampling and test methods for calcium ammonium nitrate (CAN) fertilizer.

ICS 65.080 HS 3102.60.00 5 pages

***EAS 910: 2019, Fertilizers — Urea — Specification (1st Edition)***

This East African Standard specifies the requirements, sampling and test methods for urea fertilizer.

ICS 65.080      HS 3102.10.00   3 pages

***EAS 911: 2019, Fertilizers — Ammonium sulphate (sulphate of ammonia) — Specification (1st Edition)***

This East African Standard specifies requirements, sampling and test methods for ammonium sulphate fertilizer

ICS 65.080      HS 3102.10.00   3 pages

***EAS 912: 2019, Fertilizers — Nitrogen, Phosphorus, Potassium (NPK) Compound — Specification (1st Edition)***

This East African Standard specifies requirements, sampling and test methods for NPK fertilizer (compound and blended).

ICS 65.080      HS 3105.10.00; HS 3105.20.00   3 pages

***EAS 913: 2019, Solid Fertilizers — Methods of sampling (1st Edition)***

This East African Standard specifies methods for drawing test samples from bags, as well as drawing samples of bulk material from wagon, truck loads or from flowing streams and from transfer

ICS 65.080      HS 3105.90.00   5 pages

**65.120 Animal feeding Stuffs**

***EAS 55:2019, Compounded pig feeds — Specification (2nd Edition)***

This East African Standard specifies requirements, methods of sampling and test for compounded feeds used as a sole source of nutrients for: pig starter feed; pig growers feed; pig finishing feed; and lactating sow feed.

ICS 65.120      HS 2309.90.10.; HS 2309.90.40      12 pages

***EAS 58: 2000, Dog feeds — Specification***

This East African Standard prescribes the requirements for dog feeds manufactured and/or marketed in East Africa. This East African Standard shall apply to complete dog feeds.

ICS 65.120      HS 2309.10.00      5 pages

***EAS 75:2019, Compounded Cattle feed – Specification (2nd Edition)***

This East African Standard specifies supplementary feeding requirements, method of sampling and test for compounded cattle feeds which include feeds for calves, weaners, dairy beef and draught cattle.

ICS 65.120      HS 2309.90.10; HS 2309.90.30      13 pages

***EAS 90:2019, Compounded poultry feeds — Specification (2nd Edition)***

This East African Standard specifies the requirements for compounded poultry feeds used as a sole source of nutrients for poultry. This standard shall apply to feeds for the following categories of chicken and turkeys: chicks and poults; growers; broilers — Starters and finishers; layers; and breeders.

ICS 65.120      HS 2309.90.10; HS 2309.90.20      10 pages

**EAS 97: 1999, Fish-meal — Specification**

This East African Standard prescribes the requirements for fishmeal for use in compounding livestock feeds.

ICS 65.120 HS 2301.20.90 4 pages

**EAS 230: 2001, Maize bran as animal feed — Specification**

This East African Standard prescribes the requirements for maize bran as a livestock feed.

ICS 65.120 HS 2302.10.10 2 pages

**EAS 231: 2001, Bone meal for compounding animal feeds— Specification**

This East African Standard prescribes the requirements for bone meal used as a mineral supplement in animal feeds.

ICS 65.120 HS 2301.20.90 2 pages

**EAS 232: 2001, Maize gluten feed — Specification**

This East African Standard prescribes the requirements for maize gluten feed used for livestock feeding.

ICS 65.120 HS 2303.10.00; HS 2303.10.10 2 pages

**EAS 233: 2001, Ostrich feed — Specification**

This East African Standard specifies the requirements and test methods for ostrich feed.

ICS 65.120 HS 2309.90.10; HS 2309.90.20 3 pages

**EAS 287: 2002, Oil seed cakes for compounding livestock feeds — Specification**

This East African Standard specifies requirements for oil-seed cakes used as livestock feedstuffs. The East African Standard covers cakes from oil-seeds produced by hydraulic process, and expeller process.

ICS 65.120 HS 2304(soya); HS 2305(groundnut); HS 2306(others) 4 pages

**EAS 973:2019, Compounded fish feeds — Specification (1st Edition)**

This East African Standard specifies requirements, method of sampling and test for compounded fish feeds used in aquaculture. It applies to tilapia and catfish feeds.

ICS 65.120 HS 2309.90.90 14 pages

**EAS 974:2018, Compounded dairy goat feeds — Specification (1st edition)**

This East African Standard specifies supplementary feeding requirements, methods of sampling and test for compounded dairy goat feeds.

ICS 65.120 HS 2309.90.90 12 pages

**65.160 Tobacco, tobacco products and related equipment****EAS 110: 2005, Cigarettes — Specification**

This East African Standard specifies the requirements and methods of sampling and test for cigarettes. The tobacco blend of cigarettes is produced from leaves of the cultivated plant *Nicotiana tobaccum* and *N. Rustica*. This standard does not cover the requirements for flavour and aroma of cigarettes.

ICS 65.160 HS 2402.20.00 9 pages

**67 FOOD TECHNOLOGY**

## 67.020 Processes in the food industry

### **EAS 39: 2000, *Hygiene in the food and drink manufacturing industry — Code of practice***

This East African Code of Practice sets out the general guidelines for the hygiene requirements in the Food and Drink Manufacturing Industry. It does not replace the legal requirements for the various sectors of the Food and Drink Industry. This Code of Practice shall apply to all Food and Drink Manufacturing companies.

ICS 67.020 HS 0200; HS 0300; HS 0400; HS 0700; HS 0800; HS 0900; HS 1000; HS 1100; HS 1200; HS 1500; HS 1600; HS 1700; HS 1800; HS 1900; HS 2000; HS 2100; HS 2200; HS 2300; HS 2501; HS 3300; HS 3500 15 pages

### **EAS 151: 2000, *Hazard analysis critical control points (HACCP)***

This East African Standard lays down the basic requirements for implementing the requirements for Hazard Analysis Critical Control Programme (HACCP) for a food-processing establishment so as ensure safe production of products as required by the relevant East African Standard

ICS 67.020 HS 0200; HS 0300; HS 0400; HS 0700; HS 0800; HS 0900; HS 1000; HS 1100; HS 1200; HS 1500; HS 1600; HS 1700; HS 1800; HS 1900; HS 2000; HS 2100; HS 2200; HS 2300; HS 2501; HS 3300; HS 3500 15 pages

### **EAS 456: 2019, *Organic production standard (2nd Edition)***

This East African Standard provides requirements for organic production. It covers plant production, animal husbandry, aquaculture, sustainable fisheries, bee-keeping, the harvesting of wild products, and the processing and labelling of the products therefrom. It does not cover procedures for verification such as inspection or certification of products.

ICS 67.020 HS 0200; HS 0300; HS 0400; HS 0700; HS 0800; HS 0900; HS 1000; HS 1100; HS 1200; HS 1500; HS 1600; HS 1700; HS 1800; HS 1900; HS 2000; HS 2100; HS 2200; HS 2300; HS 2501; HS 3300; HS 3500 50 pages

## 67.040 Food products in general

### **EAS 779: 2012, *High quality cassava flour – Specification***

This East African Standard specifies the requirements for vitamin and mineral food supplements intended for use in supplementing the daily diet with vitamins and/or minerals.

This standard covers vitamin and mineral food supplements in concentrated forms of those nutrients singly or in combinations, marketed in forms such as capsules, tablets, powders, paste and solutions.

This standard does not cover vitamin and mineral products intended for special dietary uses or medical/therapeutic purposes.

ICS 67.040 HS 1106\_\_\_\_\_ 5 pages

### **EAS 797:2013, *Vitamin and mineral food supplements — Requirements***

This East African Standard specifies the requirements for vitamin and mineral food supplements intended for use in supplementing the daily diet with vitamins and/or minerals.

1This standard covers vitamin and mineral food supplements in concentrated forms of those nutrients singly or in combinations, marketed in forms such as capsules, tablets, powders, paste and solutions.

This standard does not cover vitamin and mineral products intended for special dietary uses or medical/therapeutic purposes.

ICS 67.040; 67.230 HS 2106.90.91 20 pages

### **EAS 798: 2013, *Lipids food Supplements - Requirements***

This East African Standard specifies the requirements for lipid food supplements used for complementing the normal diet with essential fatty acids.

This standard covers lipid food supplements primarily providing essential fatty acids and presented in forms such as capsules, paste or liquid. The product may be taken directly or added



another food with the primary objective of increasing the energy content of the food and provide essential fatty acids.

This standard does not cover lipid food supplements intended for special dietary uses or medical/therapeutic purposes.

ICS 67.040; 67.230      HS 2106.90.91 12 pages

## **67.060 Cereals, pulses and derived products**

### ***EAS 1: 2019, Wheat flour- Specification (4th Edition)***

This East African Standard specifies requirements, sampling and test methods for wheat flour prepared from common wheat (*Triticum aestivum* L.) or club wheat (*Triticum compactum* Host), or their mixtures intended for human consumption.

ICS 67.060      HS 1101.00.00      6 pages

### ***EAS 2: 2017, Maize grains — Specification (4th edition)***

This East African Standard specifies requirements, sampling and test methods for maize grains of varieties grown from common maize grains, *Zea mays indentata* L. and/or *Zea mays indurata* L. or their hybrids intended for human consumption

ICS 67.060      HS 1005.00.00; HS 1005.90.00 6 pages

### ***EAS 43: 2013, Bread — Specification (2<sup>nd</sup> edition)***

This East African Standard specifies the requirements and methods of sampling and test for bread intended for human consumption

ICS 67.060      HS 1905.10.00      20 pages

### ***EAS 44: 2019, Milled maize (Corn) products- Specification (4th Edition)***

This East African Standard specifies requirements, sampling and test methods for whole maize meal, granulated maize meal, sifted maize meal, maize grits and maize flour from the grains of common maize (*Zea mays* L.) intended for human consumption.

This standard does not apply to fortified milled maize (corn) products and maize grits intended for brewing, manufacturing of starch and any other industrial use

ICS 67.060      HS 1102.20.00; HS 1103.13.00 8 pages

### ***EAS 46: 2017, Dry beans — Specification (3<sup>rd</sup> edition)***

This East African Standard specifies requirements, sampling and test methods for dry beans (*Phaseolus vulgaris* L.) intended for human consumption.

ICS 67.060      HS 0713.00.00; HS 0713.32.00; HS 0713.33.00 6 pages

### ***EAS 51: 2017, Wheat grains — Specification (3<sup>rd</sup> edition)***

This East African Standard specifies requirements, sampling and test methods for wheat grain of varieties (cultivars) grown from common wheat (*Triticum aestivum* L.) intended for human consumption.

ICS 67.060      HS 1001.10.90; HS 1001.90.20 8 pages

### ***EAS 72: 2013, Processed cereals-based food for infants and children — Specification***

This East African Standard specifies requirements and methods of sampling and test for processed cereal-based foods intended for feeding infants as a complementary food generally from the age of six months onwards, taking into account infants' individual nutritional requirements, and for feeding young children as part of a progressively diversified diet.

ICS 67.060      HS 1901.10.00 5 pages

### ***EAS 89: 2017, Millet flour — Specification (3<sup>rd</sup> edition)***

This East African Standard specifies requirements, sampling and test methods for millet flour obtained from pearl millet of varieties (cultivars) "souma" and "sanio" grown from *Pennisetum glaucum* (L.) R.Br. proso millet grown from *Panicum miliaceum* and finger millet grown from

Eleusine coracana (L.) Gaertner intended for human consumption. It does not apply to grits obtained from pearl millet

ICS 67.060 HS 1102.90.00 8 pages

**EAS 95:2017, Sorghum flour — Specification (3<sup>rd</sup> edition)**

This East African Standard specifies requirements, sampling and test methods for sorghum flour obtained from decorticated sorghum grains (*Sorghum bicolor* (L.) Moench.) intended for human consumption. It does not apply to grits or meal obtained from sorghum.

ICS 67.060 HS 1102.90.00 6 pages

**EAS 128:2017, Milled rice — Specification (3<sup>rd</sup> edition)**

This East African Standard specifies requirements, sampling and test methods for milled rice of the varieties grown from rice grains, *Oryza* spp. intended for human consumption.

ICS 67.060 HS 1006.30.00 8 pages

**EAS 173: 2004, Pasta — Specification [2<sup>nd</sup> Edition]**

This East African Standard prescribes the requirements and methods of test for pasta products.

ICS 67.060 HS 1902.00.00 14 pages

**EAS 282:2002, Durum wheat semolina — Specification**

This East African Standard prescribes the requirements and methods of sampling and test for semolina. The standard applies to durum wheat semolina for human consumption prepared from durum wheat (*Triticum durum* desf), prepackaged ready for sale to the consumer or destined for use in other food products. This East African Standard does not apply to any product prepared from common wheat (*Triticum aestivum* L) or club wheat (*Triticum compactum* host) or mixtures thereof, or to mixtures of these wheats in combination with durum wheat (*Triticum durum* desf) and durum wheat semolina for non-food industrial or animal feed use.

ICS 67.060 HS 1103.11.00 4 pages

**EAS 283: 2002, Finger millet flour — Specification**

This East African Standard specifies requirements for flour for human consumption, which is obtained from pearl millet *Pennisetum americanum* (variety 'souna' and 'sanoo'), pros millet (*Penicum mallaceum*), finger millet (*Eleusine coracana*).

1.2 This standard does not apply to grits or coarse grain obtained from millet mentioned in 1.1.

ICS 67.060 HS 1102.90.00 4 pages

**EAS 284: 2013, Pearl millet grains — Specification**

This East African Standard specifies the requirements and methods of sampling and test for whole and decorticated pearl millet of the Senegalese varieties (cultivars) "souna" and "sanio" grown from *Pennisetum glaucum* (L.) R.Br. intended for human consumption

ICS 67.060 HS 1008.20.00 [HS 1008.20.29] 5 pages

**EAS 327: 2002, Barley for brewing — Specification**

This East African Standard prescribes requirements, methods of sampling and test for brewing barley.

ICS 67.060 HS 1003.00.90 22 pages

**EAS 331: 2019, Green gram- Specification (3<sup>rd</sup> Edition)**

This East African Standard specifies requirements, sampling and test methods for the dry whole grains of the green gram of *Vigna radiata* (L.) intended for human consumption.

ICS 67.060 HS 0713.31.00 6 pages

**EAS 353: 2004, Wheat bran — Specification**

This East African Standard prescribes requirements for wheat bran for use as animal feedstuff and or ingredient for compounding animal feeds.

ICS 67.060 HS 2302.30.00 2 pages

**EAS 754: 2013, *Chickpeas — Specification***

This East African Standard specifies requirements and methods of sampling and test for dry chickpeas of the varieties (cultivars) grown from *Cicer arietinum* Linn. intended for human consumption.

ICS 67.060 HS 0713.20.00 6 pages

**EAS 755: 2013, *Cowpeas — Specification***

This East African Standard specifies the requirements and methods of sampling and test for dry cowpeas of the varieties (cultivars) grown from *Vigna unguiculata* Linn.Sync. *Vigna sinensis* (L.) Hassk. intended for human consumption.

ICS 67.060 HS 0713.39.15 5 pages

**EAS 756: 2013, *Pigeon peas — Specification***

This East African Standard specifies the requirements and methods of sampling and test for dry pigeon peas of the varieties (cultivars) grown from *Cajanus cajan* Linn. intended for human consumption.

ICS 67.060 HS 0713.39.90 [0713.90.10] [0713.90.91] 5 pages

**EAS 757: 2019, *Sorghum grains- Specification (3rd Edition)***

This East African Standard specifies requirements, sampling and test methods for whole sorghum grains of varieties (cultivars) grown from *Sorghum bicolor* (L.) Moench intended for human consumption.

This standard does not cover decorticated sorghum grains.

ICS 67.060 HS 1007.00.00 [HS 1007.00.90]; [HS 1008.20.19] 6 pages

**EAS 758: 2019, *Finger millet grains- Specification (3rd Edition)***

This East African Standard specifies requirements, sampling and test methods for finger millet grains of varieties (cultivars) grown from *Eleusine coracana* (L.) Gaertner intended for human consumption.

ICS 67.060 HS 1008.20.00 [HS 1008.20.39] 5 pages

**EAS 759: 2013, *Dry whole peas — Specification***

This East African Standard specifies the requirements and methods of sampling and test for dry whole peas of varieties (cultivars) grown from *Pisum sativum* L. and *Pisum sativum* var. *arvense* (L.) Poir. intended for human consumption

ICS 67.060 HS 0713.10.00 5 pages

**EAS 760: 2013, *Lentils — Specification***

This East African Standard specifies the requirements and methods of sampling and test for shelled whole lentils of varieties (cultivars) grown from *Lens culinaris* Medic. Syn. *Lens esculenta* Moench. intended for human consumption

ICS 67.060 HS 0713.40.00 6 pages

**EAS 761: 2013, *Dry split peas — Specification***

This East African Standard specifies the requirements and methods of sampling and test for dry split peas of varieties (cultivars) grown from *Pisum sativum* L. and *Pisum sativum* var. *arvense* (L.) Poir. intended for human consumption.

ICS 67.060 HS 0713.10.00 6 pages

**EAS 762: 2017, Dry soybeans — Specification (2nd edition)**

This East African Standard specifies the requirements and methods of sampling and test for dry whole soybeans of varieties (cultivars) grown from *Glycine max* (L.) Merr. intended for human consumption.

ICS 67.060 HS 1201.00.00 5 pages

**EAS 763: 2013, Faba beans — Specification**

This East African Standard specifies the requirements and methods of sampling and test for faba beans of cultivated varieties (cultivars) grown from *Vicia faba* L. intended for human consumption

ICS 67.060 HS 0713.50.00 5 pages

**EAS 764: 2013, Rough rice — Specification**

This East African Standard specifies the requirements and methods of sampling and test for rough rice of the varieties grown from *Oryza* spp. used for further processing.

ICS 67.060 HS 1006.10.00 5 pages

**EAS 765: 2013, Brown rice — Specification**

This East African Standard specifies the requirements and methods of sampling and test for brown rice of the varieties grown from *Oryza* spp., intended for human consumption or for processing to milled rice.

ICS 67.060.10 HS 1006.20.00 5 pages

**EAS 767:2019 Fortified wheat flour — Specification (2nd Edition)**

This East African Standard specifies the requirements, sampling and test methods for fortified wheat flour prepared from common wheat (*Triticum aestivum* L.), club wheat (*T. compactum* Host.) or a mixture thereof intended for human consumption.

ICS 67.060 HS 1101.00.00 13 pages

**EAS 768:2019 Fortified milled maize(corn) products —Specification (2nd Edition)**

This East African Standard specifies the requirements, sampling and test methods for fortified milled maize (corn) products prepared from the grains of common maize (*Zea mays* L.) intended for human consumption.

ICS 67.060 HS 1102.20.00 10 Pages

**EAS 782: 2019, Composite flour –Specification (2nd Edition)**

This East African Standard specifies requirements, sampling and test methods for composite flour intended for human consumption. This standard does not apply where there are specific published standards for blends or composite flours.

ICS 67.060 HS 1102.90.00 6 pages

**EAS 799: 2019, Edible full fat soya flour (2nd Edition)**

This East African Standard specifies requirements, sampling and test methods for edible full fat soya flour obtained from soya bean (*Glycine max* (L.) Merr) intended for human consumption.

ICS 67.060 HS 1208.10.00 6 pages

**EAS 800: 2014, Soya milk — Specification**

This East African Standard specifies requirements and methods of sampling and test for soya milk intended for human consumption.

ICS 67.060 HS 1208.10.00 4 pages

**EAS 801: 2014, Soya protein products — Specification**

This East African Standard specifies requirements and methods of sampling and test for soya protein products intended for human consumption.

ICS 67.060 HS 1208.10.00 5 pages

**EAS 802: 2014, Textured soya protein products — Specification**

This East African Standard specifies requirements and methods of sampling and test for textured soya protein products intended for human consumption.

ICS 67.060 HS 1208.10.00 5 pages

**EAS 900: 2017- Cereals and pulses — Sampling**

This East African Standard specifies requirements for the dynamic or static sampling, by manual or mechanical means, for assessment of compliance to East African standards for cereals, pulses and their products. This East African Standard is not applicable to seed grain.

ICS 67.060 HS 1008.90.00 32 pages

**EAS 901: 2017- Cereals and pulses — Test methods**

This East African Standard prescribes the test methods for cereals, pulses and their products.

ICS 67.060 HS 1008.90.00 30 pages

## **67.080 Fruits. Vegetables**

**EAS 945:2019: Pickles –Specification (1st Edition)**

This East African Standard specifies the requirements, sampling and test methods for pickles intended for human consumption.

ICS 67.080 HS 2001; HS 2001.90.00 8 pages

**EAS 946:2019: dried mango- Specification (1st Edition)**

This East African Standard specifies the requirements, sampling and test methods for dried mango from *Mangifera indica* intended for direct human consumption or for other use in the food industry.

ICS 67.080 HS 0804.50.00 8 pages

**EAS 947:2019, Jams, jellies and marmalade- Specification (1st Edition)**

This East African Standard specifies the requirements, sampling and test methods for jams, jellies and marmalades intended for direct human consumption.

ICS 67.080 HS 2007.99.00 10 pages

### **67.080.01 Fruits, Vegetables and Derived Products in General**

**EAS 6: 2017, Fresh pineapples — Specification (2<sup>nd</sup> edition)**

This East African Standard specifies the requirements, sampling and test methods for commercial varieties of pineapple grown from *Ananas comosus* (L.) Merr. of the Bromeliaceae family, to be supplied fresh to the consumer. This standard does not apply to pineapple for ornamental use or industrial processing.

ICS 67.080.10 HS 0804.30.00 8 pages

**EAS 19: 2017, Fresh avocado — Specification (2<sup>nd</sup> edition)**

This East African Standard specifies requirements, sampling and test methods for avocados (*Persea americana* Gartner or *P. Grattissima* mill) fruits of the family Lauraceae to be supplied fresh to the consumer. This standard does not apply to avocados for industrial processing.

ICS 67.080.10 HS 0804.40.00 8 pages

**EAS 47: 2000, Fresh papaya — Specification**

This East African Standard prescribes requirements for fresh (*Carica papayas*) to be supplied in export and local specified markets. It also stipulates requirements for handling, grading and packaging of the produce.

ICS 67.080.10 HS 0807.20.00 2 pages

**EAS 50: 2000, Canned pineapples — Specification**

This East African Standard prescribes requirements for canned pineapples *Ananas comosus*.

ICS 67.080.10 HS 2008.20.00 7 pages

**EAS 56: 2000, Fresh mushrooms — Specification**

This East African Standard prescribes requirements for edible mushrooms of *Agaricus bisporus* species in fresh condition to be supplied for export and local markets. It stipulates requirements for grading and packaging of the produce from the dispatching stage to the market.

ICS 67.080.01; 67.080.20 HS 0709.51.00; HS 0709.40.00 3 pages

**EAS 77:2019: Fruits drinks- Specification (2nd Edition)**

This East African Standard specifies the requirements, sampling and test methods for fruit drinks either as ready-to-drink or dilutables containing fruit juice.

ICS 67.080.10; 67.160.20 HS 2009 11 pages

**EAS 91: 2017, Passion fruit — Specification (2<sup>nd</sup> edition)**

This East African Standard specifies requirement, sampling and test methods for commercial varieties of passion fruits from the species golden passion fruit/sweet granadilla (*Passiflora ligularis* Juss), purple passion fruit (*Passiflora edulis* Sims forma *edulis*), yellow passion fruit (*Passiflora edulis* Sims forma *flavicarpa*) and their hybrids grown from the *Passifloraceae* family, to be supplied fresh to the consumer. This standard does not apply to passion fruits for industrial processing.

ICS 67.080.10 HS 0810.90.00 [HS 0810.90.5000] 3 pages

**EAS 185: 2000, Papain — Specification**

This Standard prescribes the requirements and methods of test for Papain.

ICS 67.080.10 HS 3507.90.00 9 pages

**EAS 329: 2017, Fresh mangoes — Specification (2<sup>nd</sup> edition)**

This East African Standard specifies requirements, sampling and test methods for mango (*Mangifera indica* L.) from the family *Anacardiaceae* to be supplied fresh to the consumer. This standard does not apply to green preserving mango and mango for industrial processing.

ICS 67.080.10 HS 0804.50.00 8 pages

**EAS 330: 2002, Citrus fruits — Specification**

This East African standard prescribes requirements for citrus fruits to be supplied in the export market and specified local markets. It also stipulates requirements for handling, grading and packaging of the produce. These fruits include: Cultivated fruits of the species *citrus sinensis* (oranges); Cultivated fruits of the species *citrus reticulata* Mandarins; Cultivated fruits of the species *citrus paradisi* (grapes); Cultivated fruits of the species *citrus limon* Lemons; and Cultivated fruits of the species *citrus aurantifolia* (lime).

ICS 67.080.10 HS 0805.00.00 6 pages

**EAS 948: 2019: Fruit juices and nectars- Specification (1st Edition)**

This East Africa Standard specifies requirements, sampling and test methods for fruit juices, nectars and fruit puree and concentrated fruit puree intended for direct human consumption or for further processing

ICS 67.080.10; 67.160.20 HS 2009 19 pages

## **67.080.20 Vegetables and Derived Products**

### **EAS 66-1: 2017, *Tomato products — Specification — Part 1: Canned (preserved) tomato* (2<sup>nd</sup> edition)**

This Part 1 of EAS 66 specifies the requirements, sampling and test methods for canned (preserved) tomatoes.

ICS 67.080.10; 67.160.20 HS 2002.00.00 8 pages

### **EAS 66-2:2017, *Tomato products — Specification- Part 2: Tomato sauce and catsup (ketchup)*(2<sup>nd</sup> edition)**

This Part 2 of EAS 66 specifies the requirements, sampling and test methods for tomato sauce and ketchup (also known as catsup and catchup).

ICS 67.080.10; 67.160.20 HS 2103.20.00 10 pages

### **EAS 66-3: 2017, *Tomato products — Specification— Part 3: Tomato juice* (2<sup>nd</sup> edition)**

This East African standard specifies requirements, sampling and test methods for unfermented but fermentable juice, intended for direct consumption, obtained from fresh tomatoes (*Lycopersicumesculentum*L.), puree, paste or concentrates

ICS 67.080.10; 67.160.20 HS 2009.50.00 8 pages

### **EAS 66-4: 2017, *Tomato products — Specification— Part 4: tomato concentrates (paste and puree)*(2<sup>nd</sup> edition)**

This Part 4 of EAS 66 specifies the requirements, sampling and test methods for tomato concentrates (paste and puree).

ICS 67.080.10; 67.160.20 HS 2103.20.00 11 pages

### **EAS 76: 2000, *Tomato products — Test methods***

This East African Standard specifies methods of test for tomato concentrates, modified tomato products, tomato juice and canned tomatoes.

ICS 67.080.20 HS 0702.00; HS 2002.00.00; HS 2009.50.00; HS 2103.20 22 pages

### **EAS 83: 2017, *Fresh tomatoes — Specification*(2<sup>nd</sup> edition)**

This East African Standard specifies requirements, sampling and test methods for fresh tomato (*Lycopersicon esculentum*) of the family Solanaceae for direct human consumption..

ICS 67.080.20 HS 0702.00.00 6 pages

### **EAS 332: 2002, *Fresh capsiums — Specification***

This East African Standard for fresh capsiums prescribes requirements for *Capsicum annum* L., also known as sweet pepper, for local and export markets.

ICS 67.080.20 HS 0709.60.00 3 pages

### **EAS 738: 2010, *Fresh sweet cassava — Specification***

This East African Standard specifies requirements and methods of sampling and test for varieties of fresh sweet cassava roots of *Manihot esculenta* Crantz, of the Euphorbiaceae family, to be supplied to the consumer, intended for direct human consumption. Cassava roots intended for industrial processing is excluded.

ICS 67.040 HS 0714.10.00 7 pages

**EAS 739: 2010, *Dried cassava chips* — Specification**

This East African Standard specifies the requirements and methods of sampling and test for dried cassava chips intended for human consumption.

ICS 67.040 HS 0714.10.00 5 pages

**EAS 740: 2010, *Cassava flour* — Specification**

This East African Standard specifies requirements and methods of sampling and test for cassava flour, which is obtained from the processing of cassava (*Manihot esculenta* Crantz) intended for human consumption.

ICS 67.040 HS 1106.20.20 5 pages

**EAS 741: 2010, *Cassava composite wheat flour* — Specification**

This East African Standard specifies the requirements and the methods of sampling and test for cassava-wheat composite. This standard does not apply to other composite flours from non wheat sources which may be used in different products.

ICS 67.080.20 HS 1106.20.20 4 pages

**EAS 742: 2010, *Food grade cassava starch* — Specification**

This East African Standard specifies the requirements and the methods of sampling and test for food grade cassava starch.

ICS 67.180.20 HS 1108.14.00 4 pages

**EAS 743: 2010, *Cassava crisps* — Specification**

This East African Standard specifies requirements and methods of sampling and test for crisps made from sweet varieties of cassava (*Manihot esculenta* Crantz).

ICS 67.040; 67.080.20 HS 0714.10.00 4 pages

**EAS 744: 2010, *Cassava and cassava products* — Determination of total cyanogens — Enzymatic assay method**

This East African Standard specifies a method for the determination of total cyanogens in cassava and cassava products.

ICS 67.040; 67.080.20 HS 0714.10.00 5 pages

**EAS 745: 2010, *Potato crisps* — Specification**

This East African Standard specifies requirements and methods of sampling and test for crisps made from potato tubers (*Solanum tuberosum* L.)

ICS 67.040 HS 2005.20.00 6 pages

**EAS 746: 2010, *Frozen potato chips* — Specification**

This East African Standard specifies the requirements and methods of sampling and test for frozen potato (*Solanum tuberosum* L.) chips to be supplied packaged either in retail packs or in bulk for human consumption.

ICS 67.040; 67.080.20 HS 2008.19.40 6 pages

**EAS 747: 2010, *Fried potato chips* — Specification**

This East African Standard specifies requirements and methods of sampling and test for deep fried potato chips ready for consumption.

ICS 67.040; 67.080.20 HS 0712.90.00 3 pages

**EAS 748: 2017, *Fresh ware potato* — Specification (2<sup>nd</sup> edition)**

This East African standard specifies the requirements, sampling and test methods for fresh ware potato of varieties (cultivars) grown from (*Solanum osum* L.) of the family Solanaceae for human consumption. This standard does not apply to ware potato for industrial processing and seed potato.



ICS 67.040; 67.080.20 HS 0701.00.00; HS 0710.10.00; HS 0701.90.00 8 pages

**EAS 771: 2012, Fresh sweetpotatoes – Specification**

This East African Standard specifies the requirements and methods of sampling and test for fresh sweet potatoes [*Ipomoea batatas*(L.) Lam.] to be supplied fresh and either packaged or sold loose for human consumption.

ICS 67.080.20 HS 0701.00.00 8 Pages

**EAS 772:2012, Dried sweetpotato chips — Specification**

This East African Standard specifies the requirements and methods of sampling and test for dried Sweetpotato chips intended for human consumption.

ICS 67.080.20 HS 2004; HS 2004.90 10 Pages

**EAS 773:2012, Sweetpotato flour — Specification**

This East African Standard specifies the requirements and methods of sampling and test for flour which is obtained from the processing of sweetpotato [*Ipomoea batatas* (L.) Lam.] intended for human consumption.

ICS 67.080.20 HS 1108.13.00 10 Pages

**EAS 774:2012, Sweetpotato crisps — Specification**

This East African Standard specifies the requirements and methods of sampling and test for crisps made from storage roots of sweetpotato [*Ipomoea batatas* (L.) Lam.] intended for human consumption.

ICS 67.080.20 HS 2005.20.00 10 Pages

**EAS 776:2012, Production and handling of fresh cassava – Code of practice**

This East African Code provides recommended practices for the production, storage, packaging and transportation of fresh cassava intended for human consumption.

ICS 67.080.20 HS 0714.10.00 12 Pages

**EAS 777:2012, Reduction of acrylamide in potato products – Code of practice**

This East African Code provides recommended practices for reducing the formation of acrylamide in potato products.

ICS 67.080.20 HS 0701 10 Pages

**EAS 778:2012, Fresh bitter cassava — Specification**

This East African Standard specifies the requirements and methods of sampling and test for fresh roots of varieties of bitter cassava, *Manihot esculenta* Crantz, for preparation before human consumption.

ICS 67.080.20 HS 0714.10.00 11 Pages

**EAS 780:2012, Fresh cassava leaves — Specification**

This East Africa Standard specifies the requirements and methods of sampling and test for fresh cassava leaves of *Manihot esculenta* Crantz, for preparation before human consumption.

ICS 67.080.20 HS 0714.10.00 8 Pages

**EAS 782: 2019, Composite flour –Specification (2nd Edition)**

This East African Standard specifies requirements, sampling and test methods for composite flour intended for human consumption. This standard does not apply where there are specific published standards for blends or composite flours.

ICS 67.060 HS 1102.90.00 6 pages

**EAS 891:2017, Carrots — Specification**

This East African Standard specifies requirements, sampling and test methods for carrots of varieties (cultivars) grown from *Daucus carota*(L.) of Apiaceae family to be supplied fresh to the consumer.

ICS 67.080.20 HS 0706

8 Pages

**EAS 892:2017, Banana — Specification**

This East Africa Standard specifies the requirements, sampling and test methods for fresh sweet banana of *Musa* spp, Musaceae family, in an unripe or ripe state, to be supplied to the consumer. Bananas intended for cooking (plantains and East Africa highland banana) or industrial processing are excluded.

ICS 67.080.20 HS 0803

8 Pages

**EAS 893:2017, Chilli sauce — Specification**

This East African Standard specifies requirements, sampling and test methods for chilli sauce for human consumption.

ICS 67.080.20 HS 2103.90.20

6 Pages

**38. EAS 894:2017, Onions — Specification**

This East African standard specifies the requirements, sampling and tests methods for fresh bulb onions *Allium cepa*(L.) of the family Alliaceae to be supplied to the consumer.

This East African Standard does not apply to onions for industrial processing.

ICS 67.080.20 HS 0703.10.10 6 Pages

**67.100 Milk and milk products****67.100.10 Milk and Processed Milk Products****EAS 27:2018 UHT milk —Specification (3rd Edition)**

This East African Standard specifies requirements, sampling and test methods for UHT milk obtained from cow milk.

ICS 67.100.10 HS 0401.10.00 (fat-free); HS 0401.20.00

11 pages

**EAS 33:2018 Yoghurt —Specification (3rd Edition)**

This East African Standard specifies requirements, sampling and test methods for yoghurt.

ICS 67.100.10 HS 0403.10.00 9 pages

**EAS 49: 2018 Milk powders and cream powder —Specification (3rd Edition)**

This East African Standard specifies requirements, sampling and test methods for milk powders and cream powder intended for direct human consumption or for further processing.

ICS 67.100.10 HS 0402.10.00

8 pages

**EAS 67: 2018 Raw cow milk —Specification (3rd Edition)**

This East African Standard specifies requirements, sampling and test methods for raw cow milk.

ICS 67.100 HS 0401.20.00 14 pages

**EAS 69: 2018 Pasteurized milk—Specification (3rd Edition)**

This East African Standard specifies requirements, sampling and test methods for pasteurized milk obtained from raw cow milk.

ICS 67.100.10 HS 0401.20.00; HS 0401.10.00(fat-free) 8 pages

**EAS 70: 2018 Dairy ice cream—Specification (3rd Edition)**

This East African Standard specifies requirements, sampling and test methods for dairy ice cream intended for human consumption.

ICS 67.100.10 HS 2105.00.00 6 pages

***EAS 87: 2018 Sweetened condensed milk—Specification (3rd Edition)***

This East African Standard specifies requirements, sampling and test methods for sweetened condensed milk obtained from cow, intended for direct consumption or further processing.

ICS 67.100.10 HS 0402.10.00(skimmed); HS 0402.99.90 [HS 0402.99.20] 7 pages

## **67.100.20 Butter**

**EAS 14:2018, Fat spreads and blended spreads — Specification (2nd Edition)** This East African Standard specifies requirements, sampling and test methods for fat spreads and blended spreads. The Standard does not apply to fat spreads derived exclusively from milk and/or milk products to which only other substances necessary for their manufacture have been added such as butter and dairy spreads.

ICS 67.100.20 1517.10.00 11 pages

***EAS 22:2018 Butter—Specification (3rd Edition)***

This East African Standard specifies requirements, sampling and test methods for butter intended for human consumption or for further processing.

ICS 67.100.20 HS 0405.10.00 [HS 0405.00.50] 5 pages

***EAS 915: 2018 Ghee —Specification (1st Edition)***

This East African Standard specifies the requirements, sampling and test methods for ghee intended for human consumption.

ICS 67.100.20 HS 0405.90.00 5 pages

## **67.120.10 Meat and Meat Products**

***EAS 26: 2000, Canned corned beef — Specification***

This East African Standard covers requirements for canned beef products designated 'corned beef' and packed in hermetically sealed containers which have been treated after sealing to such an extent that the product is shelf-stable

ICS 67.120.10 HS 0201.30.30; HS 0202.30.30 5 pages

***EAS 84-1: 2000, Meat grades and meat cuts — Specification — Part 1: Beef grades and cuts, veal grades***

This part of this East African Standard specifies methods of grading and grades of beef livestock and carcasses thereof, meant for human consumption. The standard also defines major portions of meat cuts from the carcasses for sale.

ICS 67.120.10 HS 0201.00.00; HS 0202.00.00 7 pages

## **67.120.30 Fish and fishery products**

***EAS 62-1:2017, Fish handling and processing — Code of practice — Part 1: Fresh fish (2nd edition)***

This East African Standard provides guidelines for the handling and processing of fresh fish intended for human consumption

ICS 67.120.30 HS 0302.00.00; HS 0303.00.00; HS 0304.00.00; HS 0305.00.00 5 pages

***EAS 62-2: 2000, Fresh fish handling and processing — Code of hygiene for the handling, processing, storage and the placing of fish and fishery products***

This East Africa Code of hygienic practice for the handling, processing, storage and the placing on the market of fish and fishery products lays down the health conditions for the production and the placing on the market of fish and fishery products for human consumption.

ICS 67.120.30 HS 0302.00.00; HS 0303.00.00; HS 0304.00.00; HS 0305.00.00; HS 0306.00.00; HS 0307.00.00 20 pages

**EAS 152: 2000, Total volatile bases — Nitrogen method of analysis**

This method describes a reference procedure for identifying the Nitrogen concentration of volatile nitrogenous bases (Total-Volatile Base-N: TVB-N) in fish and fish products. The procedure is applicable to TVB-N concentrations from 5 mg/100 g to at least 100 mg/100 g

ICS 67.120.30 HS 0302.00.00; HS 0303.00.00; HS 0304.00.00; HS 0305.00.00; HS 0306.00.00; HS 0307.00.00 3 pages

**EAS 826: 2016, Dried silver cyprinid (*Rastrineobola argentea*) — Specification**

This EAS specifies requirements and methods of sampling and test for dried silver cyprinid (*Rastrineobola argentea*)

ICS 67.120.30 HS 0305 8 pages

**EAS 827:2016, Fresh and frozen whole fin fish— Specification**

This FDEAS specifies requirements and methods of sampling and test for fresh and frozen whole fin fish.

ICS 67.120.30 HS 0303 5 pages

**EAS 828:2016, Dried and salted dried fish — Specification**

This EAS specifies requirements and methods of sampling and test for dried and salted dried fish. This standard does not apply to *Rastrineobola argentea* and smoked fish.

ICS 67.120.30 6 pages

**EAS 829:2016, Transport of live fish seeds for aquaculture purposes — Code of practice**

This EAS prescribes conditions for the handling and transportation of live fish seeds for aquaculture purposes.

ICS 67.120.30 HS 0301.99.00 6 pages

**EAS 830:2016, Frozen fish sticks (fish fingers), fish portions and fish fillets – breaded or in batter - Specification**

This EAS specifies requirements and methods of sampling and test for frozen fish sticks (fish fingers), fish portions and fish fillets – breaded or in batter, intended for human consumption.

ICS 67.120.30 HS 0303 5 pages

**EAS 831: 2016, Frozen fish fillets - Specification**

This EAS specifies requirements and methods of sampling and test for frozen fish fillets intended for human consumption.

ICS 67.120.30 HS 0303 4 pages

**EAS 832:2016, Fish industry - Operational cleanliness and hygiene –Guideline**

This EAS covers guidelines for operational cleanliness and hygiene in the fish industry.

ICS 67.120.30 HS 0301.99.00 8 pages

**EAS 833:2016 Processing and handling of dried fish and fish products –Code of practice**

This EAS prescribes guidelines for processing and handling of dried fish and fish products intended for human consumption.

ICS 67.120.30 HS 0305 5 pages

**EAS 834:2016, *Processing and handling of salted fish and fish products –Code of practice***

This EAS prescribes guidelines for processing and handling of salted fish and fish products intended for human consumption.

ICS 67.120.30                      HS 0305                      8 pages

**EAS 870:2017, *Crackers from marine and freshwater fish, crustacean and molluscan shellfish - Specification***

This East African Standard (EAS) specifies requirements, sampling and test methods for crackers prepared from marine and freshwater fish, crustacean and molluscan shellfish. It does not include ready-to-eat fried as well as artificially flavored fish, crustacean and molluscan shellfish crackers.

ICS 67.120.30    HS 0306                      6 pages

**EAS 871:2017, *Fish sausages - Specification***

This East African Standard (EAS) Specifies requirements, sampling and test methods for fish sausages intended for human consumption. It applies to fresh fish sausage, smoked fish sausage, dried fish sausage and fermented fish sausage.

ICS 67.120.30    HS 0301.99.00                      8 pages

**EAS 872:2017, *Frozen octopus - Specification***

This East African Standard specifies requirements, sampling and test methods for frozen octopus intended for human consumption.

ICS 67.120.30                      HS 0303                      6 pages

**EAS 873:2017, *Frozen tuna loins - Specification***

This East African Standard specifies requirements, sampling and test methods for frozen tuna loins intended for human consumption.

ICS 67.120.30                      HS 0303                      6 pages

**EAS 874:2017, *Processing and handling of prawns and shrimp - Code of practice***

This East African standard (EAS) prescribes guidelines for processing and handling of prawns or shrimps intended for human consumption.

ICS 67.120.30                      HS 0306.16.00    8 pages

**EAS 875:2017, *Quick frozen prawns and shrimps - Specification***

This East African Standard (EAS) specifies requirements, sampling and test methods for quick frozen prawns or shrimps.

ICS 67.120.30                      HS 0306.16.00    6 pages

**EAS 876:2017, *Smoked fish, smoke flavoured fish and smoke-dried fish - Specification***

This East African Standard (EAS) specifies requirements, sampling and test methods for smoked fish, smoke flavoured fish and smoke-dried fish intended for human consumption. It covers all fish species.

ICS 67.120.30    HS 0305                      6 pages

**EAS 895:2017, *Fish protein concentrate - Specification***

This East African Standard specifies requirements, sampling and test methods for fish protein concentrate intended for human consumption.

ICS 67.120.30                      HS 0301.99.00    6 pages

**EAS 896:2017, *Fried fish - Specification***

This East African Standard specifies requirements, sampling and test methods for fried fish of all species, which may be whole or portions intended for human consumption.

ICS 67.120.30 HS 0305 6 pages

**EAS 897:2017, Frozen lobster tails - Specification**

This East African Standard specifies requirements, sampling and test methods for frozen lobster tails of all the species of the genera *Panulirus*, *Thunnus* and *Peurulus* intended for human consumption.

ICS 67.120.30 HS 0306.11.00 6 pages

**EAS 898: 2017, Processing and handling of smoked fish, smoke - flavoured fish, smoke-dried fish and smoked fish products - Code of practice**

This East African standard provides guidelines for processing, handling and storing of smoked fish, smoke-flavoured fish, smoke-dried fish and smoked fish products intended for human consumption.

ICS 67.120.30 HS 0305 4 pages

**EAS 899: 2017, Tuna canned in oil - Specification**

This East African Standard specifies requirements, sampling and test methods for tuna canned in oil intended for human consumption.

ICS 67.120.30 HS 0302.29.00 8 pages

**67.140 Tea. Coffee. Cocoa**

**67.140.10 Tea**

**EAS 28 2018 Black tea – Specification (2nd Edition)**

This East African Standard specifies requirements, sampling and test methods for black tea of *Camellia sinensis* (Linneaus) O. Kuntze.

This standard also applies to blended black tea. This standard does not apply to scented or decaffeinated black tea.

ICS 67.140.10 HS 0902.30.00 (packs ≤ 3 kg); HS 0902.40.00 (packs > 3 kg) 8 pages

**EAS 45: 2000, Tea trade — Glossary of terms — Specification**

This East African Standard lists the terms used in the tea industry and provides their definitions in relation to the technicalities of processing and assessment of tea for the market.

ICS 67.140 HS 0902.00.00 13 pages

**EAS 921: 2018 Green tea—Specification (1st Edition)**

This East African Standard specifies requirements, sampling and test methods for green tea of *Camellia sinensis* (Linneaus) O. Kuntze.

This standard is not applicable to green tea subject to further processing such as decaffeination or further roasting. This standard does not apply to flavoured green tea

ICS 67.140.10 HS 0902.10.00; 0902.20.00 6 pages

**EAS 922: 2018 Flavoured black tea —Specification (1st Edition)**

This East African Standard specifies requirements, sampling and test methods for flavoured black tea

ICS 67.140.10 HS 0902 6 pages

**EAS 923:2018 Instant tea —Specification (1st Edition)**

This East African Standard specifies the requirements, sampling and test methods for instant tea of the species *Camellia sinensis* (Linneaus) O. Kuntze

ICS 67.140.10 HS 0902 4 pages

## **67.140.20 Coffee and coffee substitutes**

### **EAS 105: 2008, *Roasted coffee beans and roasted ground coffee — Specification***

This East African Standard prescribes the requirements and methods of sampling and test for roasted coffee beans and roasted ground coffee.

ICS 67.140.20 HS 0901.11.00; 0901.12.00 24 pages

### **EAS 130: 1999, *Green coffee beans — Specification***

This East African Standard specifies requirements for green coffee beans. It applies to the following categories of coffee: a) Arabica coffee; Wet processed; Dry processed; b) Robusta coffee; Wet processed; Dry processed

ICS 67.140.20 HS 0901.11.00 11 pages

## **67.160 Beverages**

### **67.160.10 Alcoholic beverages**

#### **EAS 61: 2014, *Opaque beers — Specification***

This East African Standard specifies the requirements and methods of sampling and test for opaque beer. The standard does not cover stout beer.

ICS 67.160.10 HS 2206.00.20 4 pages

#### **EAS 63: 2019 *Beer — Specification (3rd edition)***

This East African Standard specifies the requirements, sampling and test methods for beer.

ICS 67.160.10 HS 2203.00.00 6 pages

#### **EAS 104: 2014, *Alcoholic beverages — Methods of sampling and testing (2<sup>nd</sup> edition)***

This East African Standard prescribes methods of sampling and tests for alcoholic beverages.

ICS 67.160.10 HS 2203; HS 2204; HS 2205; HS 2206; HS 2207; HS 2208 18 pages

#### **EAS 109: 2018- *Potable spirit — Specification (3rd Edition)***

This East African Standard specifies requirements and methods of sampling and test for potable spirits.

ICS 67.160.10 HS 2208.10.00 4 pages

#### **EAS 138: 2019 *Still table wine — Specification (3rd edition)***

This East African Standard specifies the requirements, sampling and test methods for still table wine prepared from grapes or other fruits.

ICS 67.160.10 HS 2204 29.00 5 pages

#### **EAS 139: 2018- *Fortified wine — Specification (3rd Edition)***

This East African Standard specifies the requirements and methods of sampling and test for fortified wine.

ICS 67.160.10 HS 2204 29.00 5 pages

#### **EAS 140: 2018- *Sparkling wine — Specification (3rd Edition)***

This East African Standard specifies the requirements and methods of sampling and test for sparkling wine

ICS 67.160.10 HS 2204 29.00 5 pages

#### **EAS 141: 2018- *Whisky — Specification (3rd Edition)***

This East African Standard specifies the requirements and methods of sampling and test for whisky (whiskey).

ICS 67.160.10 HS 2208.30.00 4 pages

***EAS 142: 2018- Vodka — Specification (3rd Edition)***

This East African Standard specifies the requirements and methods of test and sampling for vodka.

ICS 67.160.10 HS 2208.60.00 4 pages

***EAS 143: 2018- Brandy — Specification (3rd Edition)***

This East African Standard specifies the requirements and method of sampling and test for brandy.

ICS 67.160.10 HS 2208.20.10 4 pages

***EAS 144: 2018- Neutral spirit — Specification (3rd Edition)***

This East African Standard specifies the requirements and method of sampling and test for neutral spirit intended for use in the manufacture or blending of alcoholic beverages.

ICS 67.160.10 HS 2208 90.90 4 pages

***EAS 145: 2018- Gin — Specification (3rd Edition)***

This East African Standard specifies the requirements and methods of sampling and test for gin

ICS 67.160.10 HS 2208.50.10 4 pages

***EAS 146: 2018- Rum — Specification (3rd Edition)***

This East African Standard specifies the requirements and methods of sampling and test for rum.

ICS 67.160.10 HS 2208.40.10 4 pages

**67.160.20 Non-Alcoholic Beverages**

***EAS 29: 2000, Carbonated and uncarbonated (beverage) soft drinks — Specification***

This East African Standard prescribed the requirements and methods of test for Carbonated and non-carbonated (Beverages) Soft drinks

ICS 67.160.20 HS 2202.10.00; HS 2202.90.00 11 pages

***EAS 149: 2000, Carbon dioxide for beverages industry — Specification***

This East African Standard prescribes the requirements and methods of test for carbon dioxide used for the carbonation of beverages. It does not apply to the following: a) carbon dioxide used for fire extinguishers, refrigeration, inflation rafts, welding applications and other general commercial purposes; and b) material intended for medical use.

ICS 67.160.20 HS 2811.21.00 4 pages

**67.180 Sugar. Sugar products. Starch**

**67.180.10 Sugar and Sugar Products**

***EAS 5: 2009, Refined white sugar — Specification***

This East African Standard applies to refined (white) sugar, obtained by processing raw sugars, which is intended for human consumption.

ICS 67.180.10 HS 1701.00.00 5 pages

***EAS 8: 2010, Raw sugar — Specification***



This East African Standard specifies requirements, methods of test and sampling for raw sugar produced from sugarcane and intended for further processing to make it fit for human consumption.

ICS 67.180.10 HS 1701.00.00; HS 1701.11.00 5 pages

**EAS 16: 2010, *Plantation (mill) white sugar — Specification***

This standard specifies the requirements, methods of sampling and testing for plantation or mill white sugar intended for human consumption.

ICS 67.180.10 HS 1701.99.90 6 pages

**EAS 17: 2000, *Sugar — Methods of chemical analysis - specification***

This East African Standard prescribes methods for determination of polarization, loss on drying, sulphated ash, ash content, invert sugar content, free sulphur dioxide, odour, water-insoluble matter, arsenic, lead and copper and determination of fineness of sugar.

ICS 67.180.10 HS 1701.99.90 5 pages

**EAS 770: 2012; *Fortified sugar – Specification***

This East African Standard specifies the requirements and methods of sampling and test for fortified brown sugars and fortified plantation (mill) white sugar intended for direct human consumption.

ICS 67.180.10 HS 1701.12.90; HS 1702.19.00 8 Pages

**EAS 36: 2000, *Honey — Specification***

This East African Standard applies to all honey produced by honeybees and covers all styles of honey presentation which are offered for direct consumption. The Standard also covers honey, which is packed in non-retail (bulk) containers and is intended for re-packing into retail packs.

ICS 67.180.10 HS 0409.00.00 19 pages

**EAS 348: 2004, *Glossary of terms used in confectionery trade***

This standard defines the various terms frequently used in the industries concerned with the confectionery trade.

ICS 67.180.10 HS 1704.00.00 17 pages

**EAS 349: 2014, *Liquid glucose (glucose syrup) — Specification (2<sup>nd</sup> edition)***

This East African Standard prescribes the requirements and the methods of sampling and test for liquid glucose or glucose syrup.

ICS 67.180.20 HS 1702.30.10 5 pages

**EAS 350: 2014, *Hard-boiled sugar confectionery — Specification (2<sup>nd</sup> edition)***

This East African Standard prescribes the requirements and the methods of sampling and test for hard-boiled sugar confectionery.

ICS 67.180.10 HS 1704.90.00 8 pages

**EAS 351: 2019 *Toffee — Specification (2nd Edition)***

This East African Standard specifies requirements, sampling and test methods for toffee.

ICS 67.180.10 HS 1704.90.00 4 pages

**EAS 352: 2019 *Chewing gum and bubble gum — Specification (3rd edition)***

This East African Standard specifies the requirements, sampling and test methods for chewing gum. This standard also applies to bubble gum.

ICS 67.180.10 HS 1704.10.00 9 pages

**EAS 749: 2010, *Brown sugars — Specification***

This East African Standard specifies the requirements, methods of sampling and testing for light brown and brown sugar intended for human consumption. This standard does not apply to soft brown sugars.

ICS 67.180.10 HS 1701.99.90 5 pages

**EAS 818: 2014, *Sugar cane jaggery – Specification***

This East African Standard specifies requirements and methods of sampling and test for sugar cane jaggery

ICS 67.180.10 HS 1701.12.10 5 pages

**EAS 819: 2014, *Molasses – Specification***

This East African Standard specifies requirements and methods of sampling and test for molasses for industrial use.

ICS 67.180.10 HS 1703.00.00 9 pages

**EAS 820: 2014, *Dextrose monohydrate (glucose powder) – Specification***

This East African Standard specifies the requirements and methods of sampling and test for dextrose monohydrate (glucose powder) intended for human consumption as food and industrial applications. This standard does not apply to dextrose monohydrate for intravenous applications.

ICS 67.180.10 HS 1702 8 pages

**67.200 Edible oils and fats. Oilseeds**

**67.200.10 Animal and Vegetable Fats And Oils**

**EAS 14:2018, *Fat spreads and blended spreads — Specification (2nd Edition)***

This East African Standard specifies requirements, sampling and test methods for fat spreads and blended spreads. The Standard does not apply to fat spreads derived exclusively from milk and/or milk products to which only other substances necessary for their manufacture have been added such as butter and dairy spreads.

ICS 67.200.10 HS1517.10.00 15 pages

**EAS 297: 2013, *Edible soya bean oil — Specification***

This East African Standard specifies the requirements and methods of sampling and test for edible soya bean (soybean) oil derived from soya beans (seeds of *Glycine max* (L) Merr). This standard does not apply to soya bean oil intended for further processing in order to render it suitable for human consumption.

ICS 67.200 HS 1507.90.10 7 pages

**EAS 298: 2002, *Edible cotton seed oil — Specification***

This East African standard prescribes the specifications for edible cottonseed oil intended for human consumption. The standard does not apply to cottonseed oil, which must be subject to further processing in order to render it suitable for human consumption.

ICS 67.200.10 HS 1512.19.00; HS 1512.29.00 9 pages

**EAS 299: 2013, *Edible sunflower oil — Specification***

This East African Standard specifies the requirements and method of sampling and test for edible sunflower oil derived from the seeds of *Helianthus annuus* L intended for human consumption. The standard does not apply to sunflower oil, intended for further processing in order to render it suitable for human consumption.

ICS 67.200.10 HS 1512.19.00; HS 1512.29.00 7 pages

**EAS 300: 2013, *Edible groundnut oil — Specification***

This East African Standard specifies the requirements and methods of sampling and test for edible groundnut oil derived from seeds of *Arachis hypogaea* L. (groundnuts, peanuts). The standard does not apply to groundnut oil intended for further processing in order to render it suitable for human consumption

ICS 67.200.10 HS 1508.90.00 7 pages

**EAS 301: 2013, *Edible palm oil — Specification***

This East African standard specifies requirements and methods of sampling and test for virgin and refined edible palm oil derived from fruit (mesocarp) of the palm (*Elaeis guineensis*). This standard does not cover crude palm oil subject to further processing in order to render it suitable for human consumption

ICS 67.200.10 HS 1511.10.00; HS 1511.90.00;; HS 1511.90.90 7 pages

**EAS 302: 2013, *Edible palm kernel oil — Specification***

This East African Standard applies to edible palm kernel oil derived from groundnut seeds. The standard does not apply to palm kernel oil subject to further processing in order to render it suitable for human consumption.

ICS 67.200.10 HS 1513.29.00 7 pages

**EAS 304: 2013, *Edible corn oil — Specification***

This East African Standard specifies the requirements and methods of sampling and test for edible corn oil derived from the embryo (endosperm) of maize or corn (*Zea mays* L.). The standard does not apply to corn oil intended for further processing in order to render it suitable for human consumption

ICS 67.200.10 HS 1515.29.00 7 pages

**EAS 320: 2002, *Code of hygiene for transportation of edible fats and oils in bulk***

This Code of Practice applies to the handling, storage and transport of all crude or processed edible oils and fats in bulk.

ICS 67.200.10 HS 1501.00.00 to HS 1515.00.00; HS 1516.10.00; HS 1516.20.00 10 pages

**EAS 321:2018, *Edible Fats and Oils — Specification (2nd Edition)***

This East Africa Standard specifies the requirements, sampling and tests methods for edible fats and oils intended for human consumption. It does not apply to any fat or oil, which is a subject of specific East African Standard designated by specific name

ICS 67.200.10 HS 1501.00.00 to HS 1515.00.00; HS 1516.10.00; HS 1516.20.00 12 pages

**EAS 333: 2002, *Edible sesame oil — Specification***

This East African standard prescribes the specifications for edible sesame oil intended for human consumption. The standard does not apply to sesame oil, which must be subject to further processing in order to render it suitable for human consumption.

ICS 67.200.10 HS 1515.50.00; HS 1515.90.00 7 pages

**EAS 769:2019 *Fortified edible fats and oils—Specification (2nd Edition)***

This East African Standard specifies the requirements, sampling and test methods for fortified edible fats and oils intended for human consumption. This Final Draft East African Standard is not applicable to fat spreads and blended spreads.

ICS 67.200.10 HS 1515.00.00; HS 1516; HS 1518 12 Pages

**EAS 795:2018, *Palm Olein — Specification (1st Edition)***

This East Africa Standard specifies the requirements, sampling and test methods for crude, semi-refined and refined palm olein derived from fleshy mesocarp of the fruit of the oil palm (*Elaeis guineensis*). NOTE Palm olein in this standard refers to crude palm olein, semi-refined and refined palm olein.

ICS 67.200.10 HS 1511.90.10 14 pages

***EAS 796:2018, Palm Stearin — Specification (1st Edition 2018)***

This East Africa Standard specifies the requirements, sampling and test methods for crude, semi-refined and refined palm stearin derived from fleshy mesocarp of the fruit of the oil palm (*Elaeis guineensis*). NOTE Palm stearin refers to crude, semi-refined and refined palm stearin.

ICS 67.200.10 HS 1511.90.20 14 pages

***EAS 887:2018, Crude and semi-refined palm oil — Specification (1st Edition)***

This East African standard specifies the requirements, sampling and test methods for crude and semi refined (neutralized and/or bleached) palm oil derived from the fleshy mesocarp of the fruit of oil palm (*Elaeis guineensis*) intended for further processing.

ICS 67.200.10 HS 1511.10.00 10 pages

***EAS 888: 2018: Raw and roasted groundnuts – Specification (1st Edition )***

This East Africa Standard specifies the requirements, sampling and test methods for raw and roasted groundnuts of the fruit of the plant *Arachis hypogea* intended for direct human consumption. This standard applies to shelled raw and roasted/fried groundnuts kernels. It does not apply to groundnuts for further processing.

ICS 67.200.10 HS 2008.11.00 10 pages

***EAS 889:2018, Groundnuts for oil extraction – Specification (1st Edition)***

This East African Standard specifies the requirements, sampling and test methods for groundnuts of the fruit of the plant *Arachis hypogea* intended for oil extraction. NOTE Groundnuts may also be referred to as shelled groundnuts or kernels.

ICS 67.200.10 HS 2008.11.00 10 pages

***EAS 890:2018, Blended edible oils – Specification (1st Edition)***

This East Africa standard specifies the requirements, sampling and test methods for blended edible oils of plant origin intended for human consumption.

ICS 67.200.10 HS 1515.19.00 ; HS 1515.90.00 10 pages

**67.220.10 Spices and Condiments**

***EAS 98: 2019 Curry powder specification (2nd Edition)***

This East African Standard specifies the requirements, sampling and test methods for curry powder, which is used as a flavouring material in the preparation of food.

ICS 67.220.10 HS 0910.00.00 12 pages

***EAS 99:2019 Spices and Condiments – Terminology (2nd Edition)***

This East African Standard provides the list of botanical names of plant classification under spices and condiments. This standard gives the part of the plant used, the common English and available Swahili names of the spices and condiments.

ICS 67.220.10 HS 0904; HS 0905; HS 0906; HS 0907; HS 0908; HS 0909; HS 0910 6 pages

***EAS 916: 2019 Ginger Specification (1st Edition)***

This East African Standard specifies the requirements, sampling and test methods for dried ginger, of the species *Zingiber officinale* Roscoe, whole, in pieces and ground.

ICS 67.220.10 HS 2103

7 pages

***EAS 917: 2019 Turmeric Specification (1st Edition)***

This East African Standard specifies the requirements, sampling and test methods for dried turmeric, *Curcuma longa* (L). Whole, in pieces and ground.

ICS 67.220.10 HS 0910.30.00 6 pages

***EAS 918: 2019 Cloves Specification (1st Edition)***

This East African Standard specifies the requirements, sampling and test methods for cloves [*Syzygium aromaticum* (L.) Merril & Perry

ICS 67.220.10 HS 0907.10.00; HS 0907.20.00 6 pages

***EAS 919: 2019 Pilau Masala Specification (1st Edition)***

This East African Standard specifies the requirements, sampling and test methods for pilau masala.

ICS 67.220.10 HS 2103.90.00 6 pages

***EAS 920:2019 Tea Masala Specification (1st Edition)***

This East African Standard specifies the requirements, sampling and test methods for tea masala which is used as a flavouring material in the preparation of tea

ICS 67.220.10 HS 2103.90.00 6 pages

**67.220.20 Food Additives**

***EAS 35: 2012; Fortified food grade salt — Specification***

This East African Standard specifies the requirements and methods of sampling and test for fortified food grade salt: coarse salt, crushed salt and table salt intended for human consumption.

ICS 67.220.20 HS 2501.00.00 33 pages

***EAS 147-1:2019 Vinegar from natural sources (2nd Edition)***

This East African Standard specifies requirements, sampling and test methods for vinegar from natural sources intended for human consumption. .

ICS 67.220.20 HS 2209.00.00 6 pages

***EAS 147-2:2019 Vinegar from artificial sources (2nd Edition)***

This East African Standard specifies requirements, sampling and test methods for vinegar from artificial sources for human consumption.

ICS 67.220.20 HS 2209 00 00 6 pages

**67.230 Prepackaged and prepared foods**

***EAS 4: 2013, Infant formula — Specification***

This East African Standard specifies the requirements and methods of sampling and test for infant formula in liquid or powdered form intended for use, where necessary, as a substitute for human milk in meeting the normal nutritional requirements of infants

ICS 67.230 HS 0402.10.00; HS 0402.21.10 HS 0402.29.10;; HS 0402.91.10; HS 0402.99.10; HS 2106.90.10 11 pages

***EAS 38:2014; Labeling of pre-packaged foods — Specification; 2nd Edition***

This East African Standard applies to the labeling of all prepackaged foods to be offered as such to the consumer or for catering purposes and to certain aspects relating to the presentation thereof.

ICS 67.230 HS 0200; HS 0300; HS 0400; HS 0700; HS 0800; HS 0900; HS 1000; HS 1100; HS 1200; HS 1500; HS 1600; HS 1700; HS 1800; HS 1900; HS 2000; HS 2100; HS 2200; HS 2300; HS 2501; HS 3300; HS 3500 21 pages

**EAS 60: 2013, *Peanut butter* — *Specification***

This East African Standard specifies the requirements and methods of sampling and test for peanut butter derived from seeds of peanuts (groundnuts) of the species *Arachis hypogaea* L.

ICS 67.230 HS 2008.11.00 11 pages

**EAS 803: 2014, *Nutrition labelling* — *Requirements***

This East African Standard specifies requirements for the nutrition labelling of foods. The standard applies to the nutrition labelling of all foods except for foods for special dietary uses.

ICS 67.230 HS 0200; HS 0300; HS 0400; HS 0700; HS 0800; HS 0900; HS 1000; HS 1100; HS 1200; HS 1500; HS 1600; HS 1700; HS 1800; HS 1900; HS 2000; HS 2100; HS 2200; HS 2300; HS 2501; HS 3300; HS 3500 8 Pages

**EAS 804: 2014, *Claims on foods* — *Requirements***

This East African Standard specifies general requirements for claims made on a food irrespective of whether or not the food is covered by an individual East African Standard.

ICS 67.230 HS 0200; HS 0300; HS 0400; HS 0700; HS 0800; HS 0900; HS 1000; HS 1100; HS 1200; HS 1500; HS 1600; HS 1700; HS 1800; HS 1900; HS 2000; HS 2100; HS 2200; HS 2300; HS 2501; HS 3300; HS 3500 4 Pages

**EAS 805: 2014, *Use of nutritional and health claims* — *Requirement***

This East African Standard specifies requirements for the use of nutrition and health claims in food labelling and in advertising

This East African Standard applies to all foods for which nutrition and health claims are made without prejudice to specific provisions under other standards or guidelines relating to foods for special dietary uses and foods for special medical purposes.

ICS 67.230 HS 0200; HS 0300; HS 0400; HS 0700; HS 0800; HS 0900; HS 1000; HS 1100; HS 1200; HS 1500; HS 1600; HS 1700; HS 1800; HS 1900; HS 2000; HS 2100; HS 2200; HS 2300; HS 2501; HS 3300; HS 3500 8 Pages

## **71 CHEMICAL TECHNOLOGY**

### **71.040 Chemical reagents**

**EAS 123: 1999, *Distilled water* — *Specification***

This East African Standard specifies the requirements and methods of sampling and testing for water, distilled quality; intended for general laboratory use, photograph washings, etc.

ICS 71.040.30 HS 2851.00.00 4 pages

### **71.060 Acids**

**EAS 122: 1999, *Sulfuric acid* — *Specification***

This East African Standard prescribes the requirements and the methods of sampling and test for sulphuric acid

ICS 71.060.30 HS 2807.00.00 16 pages

## 71.080 Organic chemicals

### **EAS 345: 2004, *Toluene* — Specification**

This East African Standard specifies requirements for toluene for use in paints, adhesive and printing inks.

ICS 71.080.15 HS 2707.20.00; HS 2902.30.00 6 pages

## 71.100 Products of the chemical industry

### **EAS 25: 2000, *School chalks* — Specification**

This East African Standard specifies requirements, methods of sampling and tests for white and coloured chalks, made from good quality calcined gypsum or calcium sulphate ( $\text{CaSO}_4 \cdot \frac{1}{2}\text{H}_2\text{O}$ ), intended for writing on chalkboards. The standard does not apply to calcium carbonate type of chalks.

ICS 71.100 HS 2509.00.00 9 pages

### **EAS 126: 1999, *Pure petroleum jelly for cosmetic industry* — Specification**

This East Africa Standard prescribes the requirements and methods of sampling and test for petroleum jelly for cosmetic industry.

ICS 71.100.01; 71.100.70 HS 2712.10.00 14 pages

### **EAS 290-3: 2002, *Polishes* — Specification — Part 3: Floor polish water emulsion buffable type**

This specification prescribes requirements and methods of test for water emulsion floor polish buffable type.

ICS 71.100 HS 3405.20.00; HS 3405.40.00 4 pages

### **EAS 384: 2005, *Disinfectants* — Glossary of terms**

This East African Standard defines the terms used in the disinfectants industry. This will help to eliminate confusing terms in related specifications.

ICS 71.100.35 HS 3307.90.00 3 pages

### **EAS 31:2013, *Laundry soap* — Specification**

This East African Standard specifies requirements, sampling and test methods for two grades of laundrysoaps. This standard covers two grades of laundry soap pure and built laundry soap in the form of cakes,tablets or bars, produced from vegetable or animal oils or fats or a blend of all or part to these materials.

It does not cover liquid soap for household purposes, and bar soap, in which synthetic detergents have beenadded to enhance its performance

ICS 71.100.40 HS 3401.19.00; HS 3401.20.00 6 pages

### **EAS 127-1: 2013, *Synthetic detergent powders* — Specification — Part 1: Household hand Use**

This East African Standard specifies the requirements and methods of sampling and test for syntheticdetergents for household use.

This standard does not cover machine wash and industrial detergent powders

ICS 71.100.40 HS 3402.11.00; HS 3402.12.00; HS 3402.13.00; HS 3402.19.00; HS 3402.90.10  
18 pages

### **EAS 127-2: 2014 *Synthetic detergent powders* — Specification — Part 2: Machine wash**

This East African Standard specifies the requirements and methods of sampling and test for synthetic detergents for machine wash. It does not cover hand wash powders and industrial detergent powders.

ICS 71.100.40 HS 3402.11.00; HS 3402.12.00; HS 3402.13.00; HS 3402.19.00; HS 3402.90.10  
15 pages

**EAS 186: 2013, Toilet soap — Specification**

This East African Standard specifies requirements, sampling and test methods for toilet soap. It does not apply to carbolic soap or specialty soaps such as medicated soap, transparent soap, floating soap, liquid soap or sea-water soap

ICS 71.100.40 HS 3401.11.00 6 pages

**EAS 294: 2001, Scouring powder — Specification**

This East African Standard specifies requirements and methods of test for synthetic household detergent scouring powder for the removal of tenacious soil from hard surfaces and kitchen utensils.

ICS 71.100.40 HS 3401.19.00 8 pages

**EAS 295: 2002, Sodium hypochlorite solutions for domestic use — Specification**

This East African Standard specifies requirements for dilute solutions of sodium hypochlorite intended for domestic use.

ICS 71.100.40 HS 3402.19.00 7 pages

**EAS 296: 2011, Liquid household hand dishwashing and light duty detergents — Specification**

This East African Standard specifies requirements for liquid detergent for household dishwashing. It does not cover detergent for machine dishwashing and multipurpose cleaning.

ICS 71.100.40 HS 3402.11.00; HS 3402.12.00; HS 3402.13.00; HS 3402.19.00 13 pages

**EAS 383: 2013, Synthetic organic liquid detergent for household use — Specification**

This East African Standard prescribes the requirements and the method of sampling and test for synthetic liquid detergents for household use both for general purpose and dishwashing liquid detergent.

ICS 71.100.40 ; HS 3402.13.00 11 pages

**EAS 462: 2007, Shoe polish wax solvent paste type ¾ Specification**

This East African Standard prescribes the requirements and the methods of test for shoe wax solvent type polishes suitable for application to leather footwear and leather goods.

ICS 71.100.40 ; HS 3405.10.00 14 pages

**EAS 766-1: 2013, Antibacterial toilet soap — Specification — Part 1: Solid**

This East African Standard specifies the requirements and methods of sampling and test for solid antibacterial toilet soap.

ICS 71.100.40 ; HS 3401.11.00 12 Pages

**EAS 766-2: 2013, Antibacterial toilet soap — Specification — Part 2: Liquid**

This East African Standard specifies the requirements, and methods of sampling and test for liquid antibacterial toilet soap. It includes antibacterial (bacteriostatic) and antifungal (fungal static).

This standard does not cover synthetic hand wash liquid detergents, shampoo and products for specific purposes such as those for industrial and surgical uses.

ICS 71.100.40 HS 3401.11.00 13 Pages

**EAS 787: 2013, Synthetic Industrial detergent powder - Specification**

This East African Standard specifies the requirements and methods of sampling and test for synthetic industrial detergent powders based predominantly on alkyl aryl sulphonates.

ICS 71.100.40 ; HS 3401.00.00 12 Pages

**EAS 788: 2013, Synthetic detergent paste – Specification**



This East African standard specifies the requirements and methods of sampling and test for synthetic detergent pastes based predominantly on alkyl aryl sulphonates for hand and machine wash.

ICS 71.100.40 ; HS 3401.00.00 12 Pages

**EAS 789: 2013, *Instant Hand Sanitizer – Specification***

This East African standard specifies the requirements and methods of test for alcohol based instant hand sanitizers. The standard does not cover non-alcohol based hand sanitizers.

ICS 71.100.40; HS 3401.00.00 7 Pages

**EAS 790: 2013, *Liquid Soap – Specification***

This East African Standard specifies requirements and methods of sampling and test for liquid soap for general purposes. It does not cover shampoos and products intended for specific purposes, such as those for industrial and surgical uses.

ICS 71.100.40 HS 3401.00.00; HS 3402.11.00; HS 3402.12.00; HS 3402.13.00; HS 3402.19.00  
6 Pages

**EAS 791:2013, *Oven cleaner and grease remover – Specification***

This East African Standard specifies the requirements and methods of sampling and test for oven cleaner and grease remover. The standard covers three types of oven cleaners and grease removers that are suitable for the removal of carbon deposits, grease, baked-on fats and other surface contaminants from industrial and domestic cooking ovens, grills, fryers and other steel kitchen equipment, but that are not intended for use in self-cleaning ovens.

ICS 71.100.40 ; HS 3401.00.00 7 Pages

**EAS 792: 2013, *Carpet and upholstery shampoo – Specification***

This East African Standard specifies the requirements and methods of sampling and test for a liquid foaming shampoo used for both general cleaning and spot cleaning of colourfast carpets and upholstery that are not damaged by water alone.

ICS 71.100.40 ; HS 3401.00.00 4 Pages

**EAS 793-1: 2013, *Toilet cleansers — Part 1: Acidic liquid toilet cleansers— Specification***

This East African Standard specifies requirements and methods of test for acidic liquid toilet cleansers. This standard applies to a liquid acid, heavy-duty compound suitable for cleaning toilet bowls and urinals.

ICS 71.100.40 ; HS 3401.00.00; HS 3401.11.00 7 Pages

**EAS 794: 2013, *Determination of the microbial inhibition of cosmetic soap bars and liquid hand and body washes - Test method***

This East African Standard prescribes a method for testing and comparing the microbial inhibition properties of cosmetic soap bars and liquid hand and body washes.

ICS 71.100.40 ; HS 3401.00.00 5 Pages

**EAS 812-1:2014 *Liquid hand wash — Specification — Part 1: Synthetic and combined (soap and synthetic) hand wash.***

This part 1 of the East African standard specifies the requirements and methods of test for synthetic and combined (soap and synthetic) hand wash. This standard does not apply to soap-based hand wash.

ICS 71.100.40 HS 3402.11.00; HS 3402.12.00; HS 3402.13.00; HS 3402.19.00 11 pages

**EAS 814:2014 *Determination of biodegradability of surfactants — Test method***

This East African Standard (prescribes a method for the determination of biodegradability of surfactants and for assessment of results, for both anionic and non-ionic surfactants. The method is applicable to anionic and non-ionic surfactants separately, but directly applicable to

surfactant mixtures. Reference standards of both biologically “hard” and “soft” surfactants are nominated for both anionics and non-ionics. The reference standards apply to detergents for household use only.

ICS 71.100.40 ; HS 3402.11.00; HS 3402.12.00; HS 3402.13.00; HS 3402.19.00 33  
pages

**EAS 815:2014 Soap noodles — Specification**

This East African Standard specifies requirements and methods of test for soap noodles used as an intermediate product for subsequent conversion into a marketable soap.

ICS 71.100.40 ; HS 3401.11.00 11 pages

**EAS 816 -1:2014 Synthetic liquid laundry detergents -Specification - Part 1: Hand wash**

This East African Standard specifies the requirements and methods of sampling and test for hand wash synthetic liquid laundry detergents.

ICS 71.100.40 ; HS 3402.11.00; HS 3402.12.00; HS 3402.13.00; HS 3402.19.00 9  
pages

**EAS 816-2: 2014 Synthetic liquid laundry detergents - Specification -Part 2: Machine wash**

This East African Standard specifies the requirements and methods of sampling and test for machine wash synthetic liquid laundry detergents.

ICS 71.100.40 ; HS 3402.11.00; HS 3402.12.00; HS 3402.13.00; HS 3402.19.00 11  
pages

**EAS 817:2014 Stain remover for tableware – Specification**

This East African Standard specifies the requirements and methods of test for a stain remover used in hard or soft water to remove coffee, tea and other adsorbed food stains, primarily from plastic tableware, by immersion.

NOTE: The stain remover may also be used on glass and china tableware, although it is not intended for this purpose. It may also be used to remove stains from coffee urns, except those made of aluminum

ICS 71.100.40 HS 3402.11.00; HS 3402.20.90; HS 3402.13.00; HS 3402.19.00 13 pages

**EAS 877: 2017; Bathing bar - Specification**

This East African Standard specifies requirements, sampling and test methods for bathing bars.

This East African Standard applies to bathing bars supplied in the form of bars/cakes and produced from vegetable or animal oils or fats, fatty acids, or from a blend of all or part of these materials, with or without the addition of rosins or non-soapy surfactants.

ICS 71.100.40 ; HS 3401.11.00 18 pages

**EAS 878: 2017; Antibacterial bathing bar - Specification**

This East African Standard specifies the requirements, sampling and test methods for solid antibacterial bathing bars. This East African Standard applies to antibacterial bathing bars supplied in the form of bars/cakes and produced from vegetable or animal oils or fats, fatty acids, or from a blend of all or part of these materials, with or without the addition of rosins or non-soapy surfactants.

ICS 71.100.40 ; HS 3401.11.00 27 pages

**71.100.50 Wood-Protecting Chemicals**

**EAS 323: 2002, Specification for wood preservatives by means of pressure creosoting**

This East African Standard specifies methods that can be used for the preservation of wood by pressure creosoting and other methods of treatment with coal tar creosote.

ICS 71.100.50; 79.020 HS 2931.00.20; HS 2931.90.00 9 pages

**EAS 324: 2002, Copper/Chromium/Arsenic composition for the preservation of timber — Method of timber treatment**

This East African Standard prescribes procedures for treatment of timber using water borne copper/chromium/arsenic (CCA) preservative formulations complying with EAS 326. It does not specify details of treatment relating to specific end uses for which reference to the relevant commodity specification should be made.

ICS 71.100.50; 79.020 HS 2931.20.00; HS 2931.90.00 12 pages

**EAS 325: 2002, Wood preservatives and treated timber — Guide to sampling and preparation of wood preservatives and treated timber**

This East African Standard gives guidance on the general procedures to be followed in the sampling and preparation for analysis of preservatives and preservative-treated timber. No attempt has been made here to define rigidly any detailed methodology to be followed in operations in these areas because this can depend upon the nature of the preservative, the method of treatment, and the particular requirements of relevant approval authorities

ICS 71.100.50 ; HS 2931.20.00; HS 2931.90.00 13 pages

**EAS 326: 2002, Copper/Chromium/Arsenic composition for preservation of timber — Specification**

This East African Standard, specifies requirements for two types of water-borne preservatives containing mixtures of compounds of copper (ii), chromium (vi) and arsenic (v).

ICS 71.100.50 HS 2931.20.00; HS 2931.90.00 5 pages

**71.100.70 Cosmetics. Toiletries**

**EAS 64: 2017, Groundnut (peanut) oil for cosmetic industry – Specification (2nd edition)**

This East Africa Standard specifies the requirements, sampling and test methods for groundnut (peanut) oil for cosmetic industry.

ICS 71.100.70; HS 1508.00.00; HS 1508.90.00 4 pages

**EAS 65: 2017, Coconut oil for cosmetic industry – Specification (2nd edition)**

This East African Standard specifies the requirements, sampling and test methods for coconut oil for cosmetic industry.

ICS 71.100.70 ; HS 1513.19.00; HS 1513.29.00 5 pages

**EAS 86: 2017, Sesame (simsim) oil for cosmetic industry – Specification (2nd edition)**

This East African Standard specifies the requirements, sampling and test methods for sesame oil for cosmetic industry.

ICS 71.100.70; HS 1515.50.00 5 pages

**EAS 334: 2013, List by category of cosmetic products**

This East African Standard lays down the list of products that are classified as cosmetics.

ICS 71.100.70 HS 3302; HS 3303; HS 3304; HS 3305; HS 3306; HS 3307 2 pages

**EAS 335: 2013, Cologne — Specification**

This East African Standard specifies the requirements and methods of test for cologne intended for human use.

This East African Standard shall also apply to toilet waters, lavender waters and all alcohol-based fresheners.

ICS 71.100.70; HS 3303 0000 4 pages

**EAS 336: 2013, Chemical depilatories — Specification**

This East African Standard specifies the requirements and methods of sampling and test for chemical depilatories of alkaline-thioglycolic acid composition.

This East African Standard does not cover depilatories of epilatory type and those having metallic sulphides or stannite composition.

ICS 71.100.70 HS 3307.90.00 7 pages

**EAS 337: 2013, *Henna powder — Specification***

This East African Standard specifies the requirements, and methods of sampling and test for pure henna powder.

ICS 71.100.70 HS 3304.91.00 7 pages

**EAS 338: 2013, *Chemical hair relaxers and hair waving products — Specification***

This East African Standard specifies requirements and methods of sampling and test for chemical hair relaxers and hair waving products.

This East African Standard applies to chemical cream hair relaxers based on alkalis or thioglycollates, as well as hair waving (curling) products based on thioglycollates.

ICS 71.100.70 HS 3305.00.00 13 pages

**EAS 339: 2013, *Hair creams, lotions and gels — Specification***

This East African Standard specifies the requirements and methods of sampling and test for hair creams, lotions and gels based on vegetable oil or mineral oil, or any combination of the above, with fatty acids or fatty acid emulsions. It also applies to hair conditioners and setting lotions.

This East African standard does not cover hair sprays, hair sheens or hair oils including hair creams, lotions and gels for which therapeutic claims are made.

ICS 71.100.70 HS 3305.00.00 7 pages

**EAS 340: 2013, *Nail polish — Specification***

This East African Standard specifies the requirements and methods of test for nail polishes used for cosmetic purposes.

ICS 71.100.70 HS 3304.99.00 7 pages

**EAS 341: 2013, *Nail polish removers — Specification***

This East African Standard specifies the requirements and methods of sampling and test for nail polishes used for cosmetic purposes

ICS 71.100.70 HS 3304.99.00 4 pages

**EAS 342: 2013, *Pomades and solid brilliantines — Specification***

This East African Standard specifies requirements and methods of sampling and test for pomades and solid brilliantines for general use. It applies to pomades and solid brilliantines which are either vegetable oil or petroleum based but excludes oil emulsions.

This East African standard does not cover liquid brilliantines.

ICS 71.100.70 HS 3305.00.00; HS 3305.90.00 14 pages

**EAS 346: 2013, *Labelling of cosmetics — General requirements***

This East African Standard specifies requirements for the labelling of cosmetic products.

ICS 71.100.70 HS 3302; HS 3303; HS 3304; HS 3305; HS 3306; HS 3307 6 pages

**EAS 361: 2004, *Carbaryl dusting powders — Specification***

This East African Standard prescribes the requirements and the methods of test for carbaryl dusting powders.

ICS 71.100.99 HS 3304.91.00 5 pages

**EAS 377-1: 2013, *Cosmetics and cosmetic products — Part 1: List of substances prohibited in cosmetic products***

This East African Standard prescribes the chemical name, state and formulation under which specific use as substance, is prohibited in the cosmetic products.

This East African Standard applies only to cosmetic products and not to medicinal products, medical devices or biocidal products.

ICS 71.100.70 HS 3302; HS 3303; HS 3304; HS 3305; HS 3306; HS 3307 9 pages

**EAS 377-2: 2013, *Cosmetics and cosmetic products — Part 2: List of substances which cosmetic products must not contain except subject to the restrictions laid down***

This East African Standard prescribes the list of substances which cosmetic products must not contain except subject to the restrictions laid down.

This East African Standard applies only to cosmetic products and not to medicinal products, medical devices or biocidal products.

ICS 71.100.70 HS 3302; HS 3303; HS 3304; HS 3305; HS 3306; HS 3307 9 pages

**EAS 377-3: 2013, *Cosmetics and cosmetic products — Part 3: List of colorants allowed in cosmetic products***

This East African Standard prescribes the list of colorants allowed in cosmetic products.

This East African Standard includes the salts and lakes of substances and when a colorant is expressed as a specific salt, its other salts and lakes shall also be included.

ICS 71.100.70 HS 3302; HS 3303; HS 3304; HS 3305; HS 3306; HS 3307 9 pages

**EAS 377-4: 2013, *Cosmetics and cosmetics products — Part 4: List of preservatives allowed in cosmetic products***

This East African Standard prescribes the list of preservatives allowed in cosmetic products.

ICS 71.100.70 HS 3302; HS 3303; HS 3304; HS 3305; HS 3306; HS 3307 9 pages

**EAS 377-5: 2013, *Cosmetics and cosmetic products — Part 5 List of UV filters allowed in cosmetic products***

This East African Standard prescribes the list of UV filters allowed in cosmetic products.

ICS 71.100.70 HS 3302; HS 3303; HS 3304; HS 3305; HS 3306; HS 3307 9 pages

**EAS 425-1: 2017, *Skin powders - Specification - Part 1: Body and face powder***

This East African Standard specifies the requirements, sampling and test methods for body and face powders which cover talcum powders, toilet powders, deodorant powders and dusting powders, for adult use only. This standard does not apply to medicated powders for which medicinal claims are made.

ICS 71.100.70 HS 3304.91.00 7 pages

**EAS 425-2: 2017, *Skin powders - Specification - Part 2: Baby powder (2<sup>nd</sup> edition)***

This East African Standard specifies the requirements, sampling and test methods for baby powders. This East African Standard does not apply to medicated powders for which medicinal claims are made.

ICS 71.100.70; HS 3304.91.00 6 pages

**EAS 461-1: 2013, *Hair dyes – Part 1: Aryl diamine based formulated powders — Specification***

This East African Standard specifies the requirements and methods of sampling and test for aryl diamine based formulated powder hair dyes. This East African standard only covers permanent powder hair dyes based on aryl di-amines which act as primary intermediates in dyes. It does not apply to vegetable-based hair dyes, metallic-based hair dyes and liquid hair dye

ICS 71.100.70 ; HS 3305.90.00 10 pages

**EAS 786: 2013, *Skin care creams, lotions and gels — Specification***

This East African Standard specifies requirements and methods of sampling and test for creams, lotions and gels for skin care. This East African Standard does not apply to skin care products,

for which therapeutic claims are made and also does not apply to non-emulsified lotions and gels.

ICS 71.100.70 HS 3304.99.00 20 pages

**EAS 835-1: 2017, Bath preparations - Part 1: Synthetic detergentbased foam baths and shower gels - Specification**

This East African Standard specifies the requirements, sampling and test methods for synthetic foam baths and shower gels. This East African Standard covers synthetic detergent-based foam baths (also referred to as cream baths), shower gels (also referred to as body wash, cream wash, cream shower, bath shower, and shower shampoo), and other such related products. This East African Standard does not apply to bath salts, bath oils, bath powders, and soap-based bath and shower products. This standard does not apply to medicinal products for which therapeutic claims are made.

ICS 71.100.70 HS 3401.30.50 6 pages

**EAS 837: 2017, Avocado oil for cosmetic industry – Specification**

This East African Standard specifies the requirements, sampling and test methods for avocado oil for use as a raw material in the cosmetic industry. This East African Standard does not apply to packaged avocado oil, ready for use.

ICS 71.100.70 HS 1515.50.00 ; 1515.90.80 ; 1515.90.90 6 pages

**EAS 840: 2017, Shaving cream - Specification**

This East African Standard specifies the requirements, sampling and test methods for shaving creams. This East African Standard covers two types of shaving cream: Type 1; and Type 2.

ICS 71.100.70 HS 3401.30.12 6 pages

**EAS 841: 2017, Hair oils - Specification**

This East African Standard specifies the requirements, sampling and test methods for hair oils. This East African Standard covers three types of hair oils as follows: Type 1; Type 2; and Type

3.

ICS 71.100.70 HS 3305.90.30 5 pages

**EAS 842-1: 2017, Hair shampoo - Part 1: Soap based - Specification**

This East African Standard specifies requirements, sampling and test methods for soap-based hair shampoo.

ICS 71.100.70 ; HS 3305.10.00 7 pages

**EAS 842-2: 2017, Hair shampoo - Part 2: Synthetic detergent - based - Specification**

This East African Standard prescribes the requirements, sampling and test methods for synthetic detergent-based hair shampoo.

ICS 71.100.70 ; HS 3305.10.00 11 pages

**EAS 844: 2017, Aryl di-amine-based liquid oxidation hair dyes - Specification**

This East African Standard specifies requirements, sampling and test methods for permanent liquid oxidation hair dyes which are aryl di-amine based. This East African Standard does not apply to powder hair dyes, plant-based hair dyes, and metallic-based hair dyes (temporary).

ICS 71.100.70 ; HS 3305.90.00 ; HS 3305.90.40 11 pages

**EAS 845: 2017, Cosmetic pencils - Specification**

This East African Standard specifies the requirements, sampling and test methods for cosmetic pencils. The standard covers four types of cosmetic pencils:

- a) eye-brow pencil;
- b) eye-liner pencil;

- c) bindi pencil; and
- d) lip-liner pencil.

ICS 71.100.70 , HS 3304.99.00 ; 3305.90.40 11 pages

**EAS 846: 2017, *Glossary of terms relating to the cosmetic industry***

This East African Standard defines the terms relating to the cosmetic industry.

ICS 71.100.70 HS 3302; HS 3303; HS 3304; HS 3305; HS 3306; HS 3307 11 pages

**EAS 847-1:2017, *Cosmetics - Analytical methods - Part 1: Glossary of terms***

This East African Standard defines terms used in the test methods for oils for cosmetic industry.  
This East African Standard does not deal with the specifications of the oils or fats.

ICS 71.100.70 ; HS 3302; HS 3303; HS 3304; HS 3305; HS 3306; HS 3307 3 pages

**EAS 847-2: 2017, *Cosmetics - Analytical methods - Part 2: Determination of moisture content and volatile matter content***

This East African Standard prescribes the test methods for the determination of moisture content and volatile matter content in oils for cosmetic industry.

ICS 71.100.70 ; HS 3302; HS 3303; HS 3304; HS 3305; HS 3306; HS 3307 10 pages

**EAS 847-3: 2017, *Cosmetics - Analytical methods - Part 3: Determination of insoluble impurities***

This East African Standard prescribes the test method for the determination of insoluble impurities in oils for cosmetic industry.

ICS 71.100.70 HS 3302; HS 3303; HS 3304; HS 3305; HS 3306; HS 3307 3 pages

**EAS 847-4: 2017, *Cosmetics - Analytical methods - Part 4: Determination of acid value and free fatty acids***

This East African Standard prescribes the test method for the determination of acid value and free fatty acids in oils for cosmetic industry.

ICS 71.100.70 N HS 3302; HS 3303; HS 3304; HS 3305; HS 3306; HS 3307 4 pages

**EAS 847-5: 2017, *Cosmetics - Analytical methods - Part 5: Determination of unsaponifiable matter***

This East African Standard prescribes the test method for the determination of unsaponifiable matter.

ICS 71.100.70 HS 3302; HS 3303; HS 3304; HS 3305; HS 3306; HS 3307 4 pages

**EAS 847-6: 2017, *Cosmetics - Analytical methods - Part 6: Determination of melting point***

This East African Standard prescribes the test methods for the determination of melting point of oils in the cosmetic industry.

ICS 71.100.70 HS 3302; HS 3303; HS 3304; HS 3305; HS 3306; HS 3307 4 pages

**EAS 847-7: 2017, *Cosmetics - Analytical methods - Part 7: Determination of specific gravity***

This East African Standard prescribes the requirements, sampling and test methods for synthetic detergent-based hair shampoo.

ICS 71.100.70 HS 3302; HS 3303; HS 3304; HS 3305; HS 3306; HS 3307 6 pages

**EAS 847-8: 2017, *Cosmetics - Analytical methods - Part 8: Titre test***

This East African Standard prescribes the test method for the determination of the solidification (titre) point of fatty acids for oils in the cosmetic industry.

ICS 71.100.70 ; HS 3302; HS 3303; HS 3304; HS 3305; HS 3306; HS 3307 4 pages

**EAS 847-9: 2017, *Cosmetics - Analytical methods - Part 9: Determination of colour***

This East African Standard prescribes the test method for the determination of colour in oils for cosmetic industry

ICS 71.100.70 ; HS 3302; HS 3303; HS 3304; HS 3305; HS 3306; HS 3307 4 pages

**EAS 847-10: 2017, *Cosmetics - Analytical methods - Part 10: Determination of acetyl value and hydroxyl value***

This East African Standard prescribes the test methods for the determination of acetyl value and hydroxyl value in oils for cosmetic industry.

ICS 71.100.70 HS 3302; HS 3303; HS 3304; HS 3305; HS 3306; HS 3307 6 pages

**EAS 847-11: 2017- *Cosmetics - Analytical methods - Part 11: Determination of allyl isothiocyanate***

This East African Standard prescribes the test method for the determination of allyl isothiocyanate in oils for cosmetic industry.

ICS 71.100.70 HS 3302; HS 3303; HS 3304; HS 3305; HS 3306; HS 3307 4 pages

**EAS 847-12: 2017- *Cosmetics - Analytical methods - Part 12: Determination of flash point by Pensky-Martens closed cap tester***

This East African Standard prescribes the test method for the determination of flash point by Pensky-Martens closed cap tester in oils for cosmetic industry.

ICS 71.100.70 ; HS 3302; HS 3303; HS 3304; HS 3305; HS 3306; HS 3307 4 pages

**EAS 847-13: 2017- *Cosmetics - Analytical methods - Part 13: Determination of rancidity***

This East African Standard prescribes the test method for the determination of rancidity.

ICS 71.100.70 HS 3302; HS 3303; HS 3304; HS 3305; HS 3306; HS 3307 4 pages

**EAS 847-14: 2017- *Cosmetics - Analytical methods - Part 14: Determination of Polenske value***

This East African Standard prescribes the test method for the determination of Polenske value.

ICS 71.100.70 HS 3302; HS 3303; HS 3304; HS 3305; HS 3306; HS 3307 6 pages

**EAS 847-15: 2017- *Cosmetics - Analytical methods - Part 15: Determination of ash content***

This East African Standard prescribes the test method for the determination of ash content in cosmetics and oils for cosmetic industry.

ICS 71.100.70 HS 3302; HS 3303; HS 3304; HS 3305; HS 3306; HS 3307 4 pages

**EAS 847-16: 2017- *Cosmetics - Analytical methods - Part 16: Determination of lead, mercury and arsenic content***

This East African Standard prescribes methods for the determination of lead, mercury and arsenic content in cosmetics and oils for cosmetic industry.

ICS 71.100.70 HS 3302; HS 3303; HS 3304; HS 3305; HS 3306; HS 3307 11 pages

**EAS 847-17: 2017- *Cosmetics - Analytical methods - Part 17: Determination of pH***

This test method prescribes the procedures for the determination of pH in cosmetics and oils for cosmetics industry.

ICS 71.100.70 HS 3302; HS 3303; HS 3304; HS 3305; HS 3306; HS 3307 4 pages



**EAS 847-18: 2017- Cosmetics - Analytical methods - Part 18: Determination of thermal stability**

This test method prescribes the procedure for the determination of thermal stability in cosmetics.

ICS 71.100.70 HS 3302; HS 3303; HS 3304; HS 3305; HS 3306; HS 3307 4 pages

**EAS 847-19: 2017- Cosmetics - Analytical methods - Part 19: Determination of non- ionic, anionic and cationic surfactant content**

This test method prescribes the procedure for the determination of nonionic, anionic and cationic surfactant content in cosmetics.

ICS 71.100.70 HS 3302; HS 3303; HS 3304; HS 3305; HS 3306; HS 3307 4 pages

**EAS 847-20: 2017- Cosmetics - Analytical methods - Part 20: Determination of lather volume (foaming power)**

This test method prescribes the procedure for the determination of lather volume (foaming power) in cosmetics.

ICS 71.100.70 HS 3302; HS 3303; HS 3304; HS 3305; HS 3306; HS 3307 5 pages

**EAS 847-21: 2017- Cosmetics - Analytical methods - Part 21: Determination of free acid in oils**

This test method prescribes the procedure for the determination of free acid in cosmetics and oils for cosmetic industry.

ICS 71.100.70 ; HS 3302; HS 3303; HS 3304; HS 3305; HS 3306; HS 3307 4 pages

**EAS 847-22: 2017- Cosmetics - Analytical methods - Part 22: Determination of sulphur and sulphides in oils**

This test method prescribes the procedure for the determination of sulphur and sulphides in oils.

ICS 71.100.70 HS 3302; HS 3303; HS 3304; HS 3305; HS 3306; HS 3307 4 pages

**EAS 847-23: 2017- Cosmetics - Analytical methods - Part 23: Test for absence of grit in powders**

This test method prescribes the procedure for the determination of absence of grit in powders.

ICS 71.100.70 HS 3302; HS 3303; HS 3304; HS 3305; HS 3306; HS 3307 4 pages

**EAS 847-24: 2017- Cosmetics - Analytical methods - Part 24: Determination of matter insoluble in boiling water**

This test method prescribes the procedure for the determination of matter insoluble in boiling water in powders.

ICS 71.100.70 HS 3302; HS 3303; HS 3304; HS 3305; HS 3306; HS 3307 4 pages

**EAS 847-25: 2017- Cosmetics - Analytical methods - Part 25: Determination of fineness**

This test method prescribes the procedure for the determination of fineness in powders.

ICS 71.100.70 HS 3302; HS 3303; HS 3304; HS 3305; HS 3306; HS 3307 4 pages

**EAS 847-26: 2017- Cosmetics - Analytical methods - Part 26: Determination of boric acid**

This test method prescribes the procedure for the determination of boric acid in powders.

ICS 71.100.70 HS 3302; HS 3303; HS 3304; HS 3305; HS 3306; HS 3307 4 pages

**EAS 847-27: 2017- Cosmetics - Analytical methods - Part 27: Determination of total fatty substance by gravimetric method**

This test method prescribes the procedure for the gravimetric determination of total fatty substance for cosmetics and oils in the cosmetic industry.

ICS 71.100.70 HS 3302; HS 3303; HS 3304; HS 3305; HS 3306; HS 3307 4 pages

**EAS 847-28: 2017-Cosmetics - Analytical methods - Part 28: Determination of free caustic alkali.**

This test method prescribes the procedure for the determination of free caustic alkali in cosmetics.

ICS 71.100.70 HS 3302; HS 3303; HS 3304; HS 3305; HS 3306; HS 3307 4 pages

## **75 PETROLEUM AND RELATED TECHNOLOGIES**

### **75.100 Lubricants, industrial oils and related products**

**EAS 159: 2000, Engine oils — Specification**

This East African standard covers crankcase-lubricating oils, for automotive type internal combustion engines, meeting or exceeding the, API service classification.

a) "SF" for gasoline engines;

b) "CD" for diesel engines.

The standard does not cover the chemical requirements for oils as these vary with the type of additive used in the formulation of particular oil for a particular category.

NOTE Requirements that should be specified by the purchaser and those that should be agreed upon are listed Annex A

ICS 75.100 HS 2710.19.51 11 pages

**EAS 902:2018; Bulk Liquefied Petroleum Gas (LPG) road tankers — Assembling — Requirements (1st Edition)**

This East African Standard specifies requirements for vehicle, equipment, accessories and assembling thereof used to form a bulk LPG road tanker for safe transportation, filling, and discharge operations.

ICS 75.100 HS 7311 32 pages

**EAS 903:2018; Road tankers — Welded steel tanks for liquefied petroleum gas (LPG) — design and manufacture (1st Edition)**

This East African standard specifies minimum requirements for materials, design, construction and workmanship procedures, and tests for welded LPG road tanker tanks and their welded attachments manufactured from carbon, carbon/manganese and micro alloy steels. this standard does not cover tanks for ISO type containers 1: General terms.

ICS 75.100 HS 7311 52 pages

**EAS 924-1 2018, Handling, storage, and distribution of Liquefied Petroleum Gas (LPG) in domestic, commercial, and industrial installations — Code of practice — Part 1 Storage and filling sites for refillable LPG containers of capacity not exceeding 150 l (1st Edition)**

This East Africa Standard gives guidelines for the location, installation and operations of storage and filling sites for refillable liquefied petroleum gas (LPG) containers of capacity not exceeding 150 l. It identifies safe methods of filling and storing refillable containers and makes recommendations towards safe working procedures that cover all aspects of the storage and filling of refillable containers.

ICS 75.100 HS 7311 16 pages

**EAS 924-2 2018, Handling, storage, and distribution of Liquefied Petroleum Gas (LPG) in domestic, commercial, and industrial installations — Code of practice — Part 2, LPG installations involving gas storage vessels of individual water capacity exceeding 150 L and combined water capacity not exceeding 9 000 L per installation (1st Edition)**

This East African Standard gives guidelines for the layout, design and installation of butane, propane and LPG equipment and of storage vessels of combined water capacity not exceeding 9000 L. These guidelines cover storage vessels of individual water capacity exceeding 150 L and

associated vaporizers, pipe work and fittings up to the outlet of the first pressure reduction stage in the line. Recommendations are also given in regard to the fitting of automatic and other devices (operative in the event of physical damage to the installation) for the purpose of ensuring maximum security, for the storage of the gas from a design point of view, and for limiting the escape of liquid through normal pressure-relief fittings. It does not cover refrigerated LPG storage.

ICS 75.100 HS 7311 29 pages

***EAS 925:2018; Inspection and testing of Liquefied Petroleum Gas (LPG) road tankers (1st Edition)***

This East African standard specifies minimum requirements for the inspection and testing of the LPG road tanker which includes its tank, tank accessories and vehicle LPG equipment.

ICS 75.100 HS 7311 28 pages

**75.160.20 Liquid Fuels**

***EAS 158: 2019 Automotive gasoline (Premium motor spirit) — Specification (3rd edition)***

This East African Standard specifies requirements and methods of sampling and test for automotive gasoline, Premium Motor Spirit (PMS), also commonly known as petrol, for use in spark ignition engines, including those equipped with devices to reduce emitted pollutants. The standard applies to PMS as manufactured, stored, transported and marketed.

ICS 75.160.20 HS 2710.12.10(regular); HS 2710.12.20(premium) 9 pages

***EAS 177: 2019 Automotive gas oil (automotive diesel)—Specification (3rd edition)***

This East African Standard specifies the requirements, methods of sampling and test for automotive gas oil, AGO (automotive diesel) as manufactured, stored, transported and marketed

ICS 75.160.20 HS 2710.19.31 9 pages

**77.140.01 Iron and Steel Products In General**

***EAS 134:2019 Cold rolled steel sections — Specification (3rd Edition)***

This East African Standard specifies the requirements and sectional properties of cold rolled steel sections of thickness of 1 mm to 8 mm for use in structural and general engineering applications.

ICS 77.140.01 HS 7208.10.00 to HS 7212.60.00 30 pages

***EAS 196: 2013, High-strength low-alloy Carbon Steel for hot rolled sheet and cold rolled sheet — Specification***

This East African Standard specifies the requirements for steel sheet in coils and cut lengths. It applies to the carbon steel and high-strength, low-alloy steel (HSLA) supplied as hot-rolled sheet and cold-rolled sheet.

This East African Standard is not applicable to hot-rolled, heavy-thickness carbon sheet coils.

In case of any conflict in requirements, the requirements of the individual material specification shall prevail over those of the general specification.

For the purposes of determining conformance with this specification and the various material specifications, values shall be rounded to the nearest unit in the right-hand place of figures used in expressing the limiting values.

ICS 77.140.01 HS 7208.10.00 to HS 7212.60.00 26 pages

***EAS 914:2019 Mild steel nails — Specification (1st Edition)***

This East African Standard specifies requirements, sampling and test methods, tolerance on dimensions, finish and surface coating, for the mild steel nails for general applications

ICS 77.140.01 HS 7317.00.00 26 pages

**77.140.10 Heat-treatable steels**

**77.140.15 Steels for reinforcement of concrete**

***EAS 412-1:2019 Steel for the reinforcement of concrete — Part 1, Plain bars (3rd Edition)***

This East African Standard specifies technical requirements for plain bars to be used as reinforcement in non-structural concrete.

ICS 77.140.15 HS 7214.20.00 11 pages

***EAS 412-2:2019 Steel for the reinforcement of concrete — Part 2, Ribbed bars (3rd Edition)***

This East African Standard specifies technical requirements for ribbed bars to be used as reinforcement in concrete.

ICS 77.140.15 HS 7214.20.00 17 pages

***EAS 412-3:2019 Steel for the reinforcement of concrete — Part 3, Welded fabric (1st Edition)***

This East African Standard specifies technical requirements for factory made sheets and rolls of welded fabric, manufactured from steel wires or bars with diameters from 4 mm to 16 mm and designed for the reinforcement of concrete structures and the ordinary reinforcement of pre stressed concrete structures

ICS 77.140.15 HS 7214.20.00 10 pages

**77.140.20 Stainless steels**

***EAS 783: 2013, Stainless Steel Tanks – Specification***

This East African Standard specifies material, dimensional, and constructional requirements for stainless steel tanks.

ICS 77.140.20 HS 7218.00.00 5 Pages

**77.140.30 Steels for pressure purposes**

***EAS 206: 2001, Hot rolled steel sheets for the manufacture of low pressure gas cylinders — Specification***

This East African Standard covers the requirements for deep drawing quality hot-rolled steel sheets for the manufacture of low pressure gas cylinders.

ICS 77.140.30 ; HS 7311.00.00 4 pages

**77.140.50 Flat steel products and semi-products**

***EAS 11:2019, Hot-dip galvanized plain and corrugated steel sheets —Specification (3rd Edition)***

This East African Standard specifies requirements, test methods and sampling for hot-dip galvanized plain and corrugated steel sheets for roofing and general use.

ICS 77.140.50 HS 7210.41.00; HS 7210.49.00 14 pages

***EAS 108: 2013, Steel sheet and strip, heavy thickness coils carbon, hot-rolled-Specification; 2nd Edition***

This East African Standard specifies requirements for hot-rolled, heavy-thickness carbon steel sheets, coils and strips of commercial quality, drawing quality special killed, and structural quality.

ICS 77.140.50 ; HS 7208.10.00 12 pages

***EAS 410: 2005, Hot-dip aluminium-zinc coated plain and corrugated steel sheets ¾ Specification***

This East African Standard specifies requirements for continuous hot-dip Aluminium-Zinc (AZ) coated plain and corrugated steel sheets for roofing, cladding, fencing, fabrication and general

use. This standard does not cover the special purpose profiles. The Aluminium-Zinc alloy composition by mass is nominally 55 % Aluminium, 1.6% Silicon and balance Zinc. The product is intended for applications where the corrosion characteristics of Aluminium coupled with those of Zinc are most desired.

ICS 77.140.50 ; HS 7210.61.00 10 pages

**EAS 415: 2005, *Hot-rolled steel sheet of high yield stress structural quality***

This East African Standard applies to hot-rolled steel sheet of high yield stress structural quality with the use of microalloying elements. The product is intended for structural purposes where particular mechanical properties are required. It is generally used in the delivered condition and is intended for bolted, riveted or welded structures. Because of the combination of higher strength and microalloy composition, it is possible to obtain savings in mass along with better formability and weldability as compared with steel sheet without microalloying elements. The product is produced on a wide strip mill, not a plate mill. This product is commonly produced in thicknesses from 1.6 mm to 6 mm and widths of 600 mm and over, in coils and cut lengths. Hot-rolled sheet less than 600 mm wide may be slit from wide sheet and considered as sheet.

This East African Standard does not cover steel intended for boilers or pressure vessels, steels designated as commercial quality or drawing qualities (ISO 3573, Hot-rolled carbon steel sheet of commercial and drawing qualities), steels to be rerolled to cold-reducing products, steels designated as weathering steels, having increased atmospheric corrosion resistance or steels having improved formability properties compared with those in this document. Hot-rolled sheet up to but not including 3 mm in thickness is commonly known as "sheet". Hot-rolled sheet 3 mm and over in thickness is commonly known as either "sheet" or "plate".

ICS 77.140.50 HS 7219.13.00; HS 7219.14.00; HS 7219.24.00; HS 7219.32.00; HS 7219.33.00; HS 7225.00.00 9 Pages

**EAS 468:2019 *Pre-painted metal coated steel sheets and coils — Specification (3rd Edition)***

This East African Standard specifies requirements, sampling and test methods for pre-painted metal coated steel sheets and coils.

ICS 77.140.50 HS 7210.41.00; HS 7210.49.00; HS 7221.00.00; HS 7222.11.00; HS 7222.19.00; HS 7222.20.00; HS 7222.30.00; HS 7222.40.00; HS 7223.00.00 18 pages

**EAS 784: 2013, *Code of practice for Galvanized and aluminium zinc corrugated steel Sheet roofing and wall covering***

This code of practice provides guidelines for the use of galvanized and aluminum zinc corrugated steel sheets for roofing and wall covering. Recommendations are given on materials and design, construction and maintenance, together with information on weather-tightness, durability, thermal insulation, fire hazard, rainwater drainage from roofs and other characteristics.

ICS 77.140.50 HS 7210.61.00 20 Pages

**77.140.65 Steel Wire, Wire Rops and Link Chains**

**EAS 135: 2012, *Steel wire products for fencing — Specification***

This East African Standard specifies requirements for steel wires and wire products used for fencing purposes.

ICS 77.140.65 ; HS 7217.00.00 23 pages

**77.180 Equipment for metallurgical industry**

**EAS 198: 2001, *General requirements for the supply of metallurgical materials***

This East African Standard provides general requirements for the supply of metallurgical materials. This East African Standard does not cover all the other provisions relating to a contract which should be separately agreed between the contracting parties.

ICS 77.180.01 HS 7200; HS 7300; HS 7400; HS 7500; HS 7600; HS 7800; HS 7900; HS 8000;  
HS 8100 3 pages

## **79 WOOD TECHNOLOGY**

### **79.020 Wood technology processes**

#### **EAS 24: 2000, *Timber industry — Glossary of terms***

Covers production processes and products used in various fields, e.g. logs for the pulp and paper industry, board production and chemical processing as well as fuel-woods.

ICS 01.040.79; 79.020 HS 4401.00.00 5 pages

#### **EAS 323: 2002, *Specification for wood preservatives by means of pressure creosoting***

This East African Standard specifies methods that can be used for the preservation of wood by pressure creosoting and other methods of treatment with coal tar creosote.

ICS 71.100.50; 79.020 HS 2931.20.00; HS 2931.90.00 9 pages

#### **EAS 324: 2002, *Copper/Cromium/Arsenic composition for the preservation of timber — Method of timber treatment***

This East African Standard prescribes procedures for treatment of timber using water borne copper/chromium/arsenic (CCA) preservative formulations complying with EAS 326. It does not specify details of treatment relating to specific end uses for which reference to the relevant commodity specification should be made.

ICS 71.100.50; 79.020 HS 2931.00.20; HS 2931.90.00 12 pages

### **79.040 Wood, sawlogs and sawn timber**

#### **EAS 23: 2000, *Timber — Dimensions for coniferous sawn timber (cypress and pine) — Sizes of sawn and planed timber — Specification***

This East African Standard specifies dimensions for a range of coniferous sawn timber sizes in metric units.

ICS 79.040 HS 4401.00.00; HS 4407.10.00 3 pages

### **79.080 Semi-manufactures of timber**

#### **EAS 166: 2000, *Wood poles for power and telecommunications lines – Specification –Part 1: Eucalyptus***

This East African Standard specifies requirements for wood poles for power transmission and telecommunication overhead lines.

ICS 79.080 HS 4403.10.00 12 pages

#### **EAS 322: 2002, *Wood poles and blocks for power and telecommunication lines — Specification***

This East African Standard specifies materials and performance requirements for solid wood poles. The poles described herein are considered as simple cantilever members subject to transverse loads only.

ICS 79.080 HS 4403.10.00 14 pages

## **83 RUBBER AND PLASTICS INDUSTRIES**

### **83.140 Rubber and plastics products**

#### **EAS 357: 2004, *Pneumatic tyres for trucks and buses — Specification***

This East African Standard specifies tyre dimensions designation and marking requirements; and load ratings. It also gives laboratory test requirements for strength endurance for tyres primarily intended for trucks and buses.

ICS 83.160.10 HS 4011.00.00; HS 4011.20.00; HS 4011.20.10 (radial); HS 4011.20.90 (other)  
29 pages

**EAS 358: 2004, *Pneumatic tyres for passenger cars — Specification***

This East African Standard specifies tyre dimensions designation and marking requirements; and load ratings. It also gives laboratory test requirements for bead unseating resistance, strength, endurance and high- speed performance for tyres primarily intended for passengers.

ICS 83.160.10 HS 4011.00.00; HS 4011.20.00; HS 4011.20.10; HS 4011.20.90 35 pages

**EAS 359: 2004, *Pneumatic tyres for light trucks — Specification***

This East African Standard specifies tyre dimensions, designation, marking requirements and load ratings. It also gives laboratory test requirements for bead unseating, strength and endurance performance for light truck tyres. This East African Standard also specifies sampling methods and disposition of non conforming tyres

ICS 83.160.10 HS 4011.00.00; HS 4011.20.00; HS 4011.20.10 (radial); HS 4011.20.90 (other)  
35 pages

**EAS 490: 2008; *Metre rules and rulers for school and office use* <sup>3</sup>/<sub>4</sub> *Specification***

This East African Standard specifies requirements for metre rules and rulers for school office use

ICS 83.140.99; 97.180 HS 9017.80.00 3 pages

**83.160 Tyres**

**83.160.10 Road Vehicle Tyres**

**EAS 53: 2000, *Retreaded car and commercial vehicle tyres — Specification***

This East African Standard specifies the minimum requirements for retreading car and commercial vehicle pneumatic tyres beyond which retreading shall not be attempted. The examination, limits of damage, preparation permitted to the tyre casing before processing, and inspection after curing are also specified.

ICS 83.140 HS 4012.11.00 (car tyres); HS 4012.12.00 (buses and trucks) 8 pages

**83.160.30 Tyres for Agricultural Machinery**

**EAS 360: 2004, *Pneumatic tyres for agricultural implements — Specification***

This East African Standard specifies tyre dimensions, designation and marking requirements and load ratings. It also gives laboratory test equipments for strength for tyres primarily intended for agricultural implements. All tyres however shall be subjected to visual inspection to ensure good workmanship. It includes the physical dimensions test for assessing the capability of the tyre, with respect to size and specified rims. The test methods presented in this East African Standard applies to all agricultural implement tyres. This East African Standard also specifies sampling methods, certification and disposal of non conforming tyres.

ICS 83.160.30 HS 4011.61.00; HS 4011.92.00 28 pages

**85 PAPER TECHNOLOGY**

**85.080 Paper products**

**EAS 344: 2004, *Exercise books — Specification***

This East African Standard prescribes the requirements and methods of test for exercise books generally used in schools. The following types of exercise books are covered by the standard: a) Wire-stitched exercise; b) Bound exercise books; c) Wire-stitched drawing exercise books, and d) Wire-stitched map exercise books.

ICS 85.080 HS 4820.20.00 8 pages

**EAS 983:2017, Carbon paper- Specification**

This East African Standard specifies requirements, sampling and test methods for carbon paper. It covers carbon papers for typewriting and carbon papers for handwriting with their respective grades.

ICS 85.080.01 HS 4803.00.00; HS 4818.10.00 12 pages

**EAS 858: 2017, Base paper for carbon paper - Specification**

This East African Standard specifies requirements, sampling and methods of test for base paper for carbon paper.

ICS 85.080.01; HS 4803.00.00; HS 4818.10.00 6 pages

**EAS 859 2017, Paper bags - Specification**

This East African Standard specifies requirements and test methods for gusseted paper bags that have rectangular bottoms and are intended primarily for packaging and/or carrying items.

ICS 85.080.01 , HS 4803.00.00; HS 4818.10.00 6 pages

**EAS 860 2017, Base paper for waxed paper for bread wrap - Specification**

This East African Standard specifies requirements, sampling and test methods for base paper for waxed bread wrap.

ICS 85.080.01 ; HS 4803.00.00; HS 4818.10.00 6 pages

**EAS 863:2017, Paper and board- Cut-size for general purpose- Specification**

This East African Standard prescribes the requirements and methods of test for general purpose paper used for printing, writing, typing and duplicating.

ICS 85.080.01; HS 4803.00.00; HS 4818.10.00 5 pages

**EAS 867: 2017; Waxed paper for bread wrap - Specification**

This East African standard specifies requirements and test methods for waxed paper for bread and confectionary products wrap.

ICS 85.080.01 HS 4803.00.00; HS 4818.10.00 16 pages

**EAS 868: 2017, Natural and extensible kraft paper- Specification**

This East African Standard specifies requirements and test methods for natural and extensible sack Kraft paper.

ICS 85.080.01 ; HS 4803.00.00; HS 4818.10.00 4 pages

**EAS 869:2017; Wrapping paper - Specification**

This East African Standard specifies requirements and test methods for paper used for wrapping items such as gifts among others.

ICS 85.080.01 ; HS 4803.00.00; HS 4818.10.00 6 pages

**EAS 930:2019 Paper and board food contact material — Specification (1st Edition)**

This East African Standard specifies the requirements, sampling and test methods for paper and board food contact packaging material

ICS 85.080.01 HS 4819 6 pages

**EAS 931:2019 Packaging ancillary materials — Code of practice — Desiccants (1st Edition)**

This East Africa Standard gives the guidelines on the selection and use of desiccants in packaging

ICS 85.080.01 HS 4819 10 pages



**EAS 932:2019 Paper Plates, Cups for food packaging — Specification (1st Edition)**

This East African Standard specifies the requirements, sampling and test methods for paper plates and cups, with or without lids, used for food packaging

ICS 85.080.01 HS 4819 8 pages

**EAS 933:2019 Paper and board intended to come into contact with foodstuffs — Determination of formaldehyde in an aqueous extract (1st Edition)**

This East African Standard specifies the determination of formaldehyde in aqueous extracts prepared from paper and board intended to come in contact with foodstuffs. The limit of determination is 1mg/kg.

ICS 85.080.01 HS 4819 6 pages

**EAS 864:2017; Photocopy paper - Specification**

This East African Standard prescribes requirements, methods of sampling and test for photocopy paper.

ICS 85.080.10 HS 4803.00.00; HS 4818.10.00 6 pages

**EAS 355: 2017, Toilet paper – Specification (2<sup>nd</sup> edition)**

This East African Standards specifies the requirements, sampling and methods of test for toilet paper recycled or blended pulp.

ICS 85.080.20, HS 4803.00.00; HS 4818.10.00 10 pages

**EAS 862: 2017, Facial tissue paper - Specification**

This East African Standard specifies the requirements, methods of sampling and test for facial tissue paper in sheet form for facial hygiene.

ICS 85.080.20 ; HS 4803.00.00; HS 4818.10.00 8 pages

**EAS 865: 2017; Corrugated fibre board boxes for general packaging -Specification**

This East African Standard specifies requirements, sampling and test methods for corrugated fibreboard boxes for general packaging. This standard does not include special treatment measures of the boxes in case of expected contamination of the contents.

ICS 85.080.30 ; HS 4803.00.00; HS 4818.10.00 16 pages

**EAS 861:2017; Paper serviettes (napkins) - Specification**

This East African Standard specifies requirements, sampling and test methods for virgin, blended or recycled pulp paper serviettes (napkins) in sheet form used for hygienic purposes.

ICS 85.080.99; HS 4803.00.00; HS 4818.10.00 7 pages

**EAS 866:2017; Paper sacks for packaging of cement - Specification**

This East African Standard specifies requirements, sampling and test methods for valve sewn-gusseted and valve-pasted ends paper sacks for packaging of cement.

ICS 85.080.99; HS 4803.00.00; HS 4818.10.00 10 pages

## **87 PAINT AND COLOUR INDUSTRIES**

### **87.040 Paints and varnishes**

**EAS 848: 2016, Water-thinned priming paints for wood — Specification/ Amendment 1:2019**

This East African Standard specifies requirements, sampling and test methods for water-thinned priming paints intended for application by brush, roller spray or any other suitable method to the exterior and interior of soft wood joinery.

ICS 87.040; HS 3208 ; 3209 ; 3210

8 pages

**EAS 849: 2016, *Silk (sheen) emulsion paint for interior use — Specification/ Amendment 1:2019***

This East African Standard specifies requirements, sampling and test methods for silk (sheen) emulsion paint for interior use.

ICS 87.040; HS 3208 ; 3209 ; 3210

15 pages

**EAS 850: 2016, *Matt solvent-borne paint for interior and exterior use — Specification/ Amendment 1:2019***

This East African Standard specifies requirements, sampling and test methods for matt solvent borne paint for interior and exterior use, intended for application by brush, spray or roller and any other suitable method.

ICS 87.040; HS 3208 ; 3209 ; 3210

14 pages

**EAS 851: 2016, *Matt emulsion paint for interior and exterior use — Specification/ Amendment 1:2019***

This East African Standard specifies requirements, sampling and test methods for matt emulsion paint for interior and exterior use.

ICS 87.040 HS 3208 ; 3209 ; 3210

15 pages

**EAS 852: 2016, *Air-dried roofing paint — Specification/ Amendment 1:2019***

This East African Standard specifies requirements, sampling and test methods for solvent-borne air dried roofing paint for use on galvanized iron sheet, zinc and zinc alloy coated steel.

ICS 87.040; HS 3208 ; 3209 ; 3210

7 pages

**EAS 853-1: 2016, *Auto-refinishing paint — Specification — Part 1: Synthetic resin based/ Amendment 1:2019***

This East African Standard specifies the requirements, sampling and test methods for auto-refinishing paint, synthetic resin based.

ICS 87.040; HS 3208; 3209; 3210

9 pages

**EAS 853-2: 2016, *Auto refinishing paint — Specification — Part 2: Nitrocellulose resin based/ Amendment 1:2019***

This East African Standard specifies the requirements, sampling and test methods for auto refinishing paint, nitrocellulose resin based.

ICS 87.040; HS 3208 ; 3209 ; 3210

9 pages

**EAS 854: 2016, *Thinner for nitrocellulose resin-based paints and lacquers — Specification***

This East African Standard specifies requirements, sampling and test methods for thinners for nitrocellulose resin- based paints and lacquers.

ICS 87.040; HS 3208 ; 3209 ; 3210

6 pages

**EAS 855: 2016, *Thinner for synthetic resin-based auto-refinishing paints — Specification***

This East African Standard specifies requirements, sampling and test methods for thinners for synthetic resin-based auto refinishing paints.

ICS 87.040 HS 3208 ; 3209 ; 3210

5 pages

**EAS 856: 2016, *Two-Pack acrylic resin-based auto-refinishing paint — Specification/ Amendment 1:2019***

This East African Standard specifies requirements, sampling and test methods for thinners for two-pack acrylic resin-based auto-refinishing paint.

ICS 87.040; HS 3208 ; 3209 ; 3210

5 pages

**EAS 857: 2016, Thinner for acrylic resin based auto-refinishing paints — Specification**

This East African Standard specifies requirements, sampling and test methods for thinner for acrylic resin based auto-refinishing paints.

ICS 87.040 HS 3208 ; 3209 ; 3210 5 pages

**EAS 926:2019- Varnishes for interior surfaces — Specification (1st Edition)**

This East African Standard specifies requirements, methods of sampling and test for varnishes used on interior surfaces such as wood, concrete, stones, metals etc.

This Standard covers two types of varnishes namely type I and type II.

ICS 87.040 HS 3208; HS 3209; HS3210 16 pages

**EAS 927:2019- Road marking paints — Specification (1st Edition)**

This East African Standard specifies requirements, methods of sampling and test for solvent-borne and water-borne paints for marking on bituminous or concrete surfaces. It makes provision for white, yellow, and black colours

ICS 87.040 HS 3208; HS 3209; HS3210 23 pages

**EAS 928-1:2019 Hot applied thermoplastic road marking paint — Specification, Part 1, Constituent material and mixtures (1st Edition)**

This East African Standard specifies the requirements, methods of sampling and test for hot applied thermoplastic road marking paint and constituents that are melted and applied by spray, screed or extruded

ICS 87.040 HS 3208; HS 3209; HS3210 21 pages

**EAS 928-2:2019- Hot applied thermoplastic road marking paint — Specification — Part 2, Road performance Specification (1st Edition)**

This East African Standard specifies the performance requirements for thermoplastic material which have been melted and applied on road surfaces by spray, screed or extruded.

ICS 87.040 HS 3208; HS 3209; HS3210 10 pages

**EAS 929:2019- Solvent-based paint remover — Specification (1st Edition)**

This East African Standard specifies the requirements, methods of sampling and test for solvent-based paint removers. The paint removers are intended for general use on painted, varnished or lacquered on metal and other appropriate surfaces. Paint removers complying with this standard are considered not for use on items where attack on metals, caused by reaction between the metal and the paint remover, is regarded as critical. A number of plastic and wooden surfaces may also be seriously affected by constituents of these paint removers.

ICS 87.040 HS 3208; HS 3209; HS3210 18 pages

**87.060 Paint ingredients**

**EAS 293-1: 2007, Road marking materials — Part 1: Physical properties**

This East African Standard specifies the laboratory requirements and test methods for retro reflective and other road marking materials, both permanent and temporary

ICS 87.060 HS 3208.00.00 15 pages

**91 CONSTRUCTION MATERIALS AND BUILDING**

**91.010 Construction industry**

**91.010.01 Construction Industry in General**

**EAS 416:2005, *Building and civil engineering terms — Parts of construction works — Roofs and roofing***

This East African Standard gives standard definitions related to roofs and roofing processes.

ICS 01.040.91; 01.040.93; 91.010.01; 93.010 HS 6807; HS 6905; HS 7308; HS 7610 23 pages

**91.060.01 Elements of Buildings In General**

**EAS 466: 2007, *Sanitation - Glossary of terms***

This East African Standard defines terms relating to sanitation.

ICS 01.040.91; 91.060.01; 91.090; 91.190 HS 3922; HS 6815.99.20; HS 7324; HS 7418.20; HS 7615.20; HS 7806.00.10; HS 7907.00.10 35 pages

**91.090 External structures**

**EAS 466: 2007, *Sanitation - Glossary of terms***

This East African Standard defines terms relating to sanitation.

ICS 01.040.91; 91.060.01; 91.090 HS 3922; HS 6815.99.20; HS 7324; HS 7418.20; HS 7615.20; HS 7806.00.10; HS 7907.00.10 35 pages

**91.100 Construction materials**

**EAS 148-1-2017: *Cement — Test methods — Part 1: Determination of strength (2<sup>nd</sup> edition)***

This East African Standard describes the method for the determination of the compressive and, optionally, the flexural strength of cement mortar. The method applies to common cements and to other cements and materials and is used for assessing whether the compressive strength of cement is in conformity with its specification and for validation testing of standard sand, or alternative compaction equipment. This standard describes the reference equipment and procedure and allows alternative compaction equipment and procedures to be used provided that they have been validated in accordance with the appropriate provisions in this standard. In the event of a dispute, only the reference equipment and procedure are used.

ICS 91.100 HS 2523.00.00 28 pages

**EAS 148-2-2017: *Cement — Test methods — Part 2: Chemical analysis (2<sup>nd</sup> edition)***

This East African standard specifies the methods for the chemical analysis of cement. The East African Standard describes the reference methods and, in certain cases, an alternative method which can be considered to be equivalent. In the case of dispute, only the reference methods are used. The East African Standard also describes methods which apply principally to cements, but which can also be applied to their constituent materials and other materials.

ICS 91.100; HS 2523.00.00 67 pages

**EAS 148-3-2017: *Cement — Test methods — Part 3: Determination of setting times and soundness (2<sup>nd</sup> edition)***

This East African Standard specifies the methods for determining standard consistence, setting times and soundness of cements. The method applies to common cements and to other cements and materials. This East African Standard describes the reference methods and allows the use of alternative procedures and equipment provided that they have been calibrated against the reference methods.

ICS 91.100; HS 2523.00.00 11 pages

**EAS 148-4-2017: *Cement — Test Methods — Part 4: Quantitative determination of constituents***

This East African standard describes the procedures for determining the contents of the most of the constituents of cements that fall within the scope of EAS 18-1.

ICS 91.100 ; HS 2523.00.00 29 pages

**EAS 148-5-2017, Cement — Test methods — Part 5: Pozzolanicity test for pozzolanic cements (2<sup>nd</sup> edition)**

This East African standard specifies the method of measuring the pozzolanicity of pozzolanic cements conforming to EAS 18-1. This East African Standard does not apply to Portland pozzolana cements or to pozzolanas.

ICS 91.100; HS 2523.00.00 8 pages

**EAS 148-6-2017, Cement — Test methods — Part 6: Determination of fineness (2<sup>nd</sup> edition)**

This East African standard describes three methods (sieving, air-jet and air permeability methods) for determining the fineness of cement and applies to all the cements defined in EAS 18-1.

ICS 91.100 HS 2523.00.00 17 pages

**EAS 148-7-2017, Cement — Test methods — Part 7: Methods of taking and preparing samples (2<sup>nd</sup> edition)**

This East African Standard describes the equipment to be used, the methods to be followed and the provisions to be complied with for taking samples of cement representative of given lots for testing to assess the quality of products prior to, during or after delivery. The provisions of this East African Standard are only applicable when samples of cement are requested for verifying the compliance.

ICS 91.100; HS 2523.00.00 14 pages

**EAS 148-8-2017, Cement — Test methods— Part 8: Heat of hydration – Solution method (2<sup>nd</sup> edition)**

This East African standard lays down the methods for determining the heat of hydration by means of solution calorimetry, also known as the solution method. The heat of hydration is expressed in joules per gram of cement. This East African Standard is applicable to cements and hydraulic binders whatever their chemical composition.

ICS 91.100 HS 2523.00.00 11 pages

**91.100.10 Cement. Gypsum. Lime. Mortar**

**EAS 18-1-2017, Cement — Part 1: Composition, specification and conformity Criteria for common cement (2<sup>nd</sup> edition)**

This East African Standard gives the specifications which include mechanical, physical and chemical requirements of 27 distinct common cements, seven sulphate resisting common cements as well as three distinct low early strength blast furnace cements and two sulphate resisting low early strength blast cements and their constituents. This East African Standard also gives strength classes and durability requirements of cements and states their conformity criteria

ICS 91.100.10 HS 2523.00.00 26 pages

**EAS 18-2-2017, Cement — Part 2: Conformity evaluation (2<sup>nd</sup> edition)**

This East African standard specifies the scheme for the assessment and verification of constancy of performance (AVCP) of cements to their corresponding product specification standards, including certification of constancy of performance by a product certification body. It provides technical rules for factory production control by the manufacturer, including auto-control testing of samples, and for the tasks of the product certification body. It also provides rules for actions to be followed in the event of non-conformity, the procedure for the AVCP and requirements for dispatching centres.

ICS 91.100.10 HS 2523.00.00 22 pages

**EAS 73: 2000, Building limes (Quicklime and Hydrated Lime) — Specification**

This East African Standard specification applies to quick and hydrated lime intended for use in buildings.

ICS 91.100.10 HS 2522.10.00 (quicklime); HS 2522.20.00(slaked lime); HS 2522.30.00(hydraulic)  
29. pages

**EAS 131-1: 2008, Concrete — Specification (2<sup>nd</sup> Edition)**

This East African Standard applies to concrete for structures cast *in situ*, precast structures, and structural precast products for buildings and civil engineering structures. The concrete may be mixed on site, ready-mixed concrete or produced in a plant for precast concrete products. This standard specifies requirements for: the constituent materials of concrete; the properties of fresh and hardened concrete and their verification; the limitations for concrete composition; the specification of concrete; the delivery of fresh concrete; the production control procedures; the conformity criteria and evaluation of conformity.

This East African Standard applies to concrete compacted to retain no appreciable amount of entrapped air other than entrained air.

This standard applies to normal-weight, heavy-weight and light-weight concrete. Other East African Standards for specific products e.g. precast products or for processes within the field of the scope of this standard may require or permit deviations from this standard. Additional or different requirements may be given in further parts of this standard or in other specific East African Standards, for example: concrete to be used in roads and other trafficked areas; concrete using other materials (e.g. fibres); concrete with an upper aggregate size of 4 mm or less (mortar); special technologies (e.g. sprayed concrete); concrete for disposal of liquids and gaseous waste; concrete for vessels for storage of polluting substances; concrete for massive structures (e.g. dams); dry mixed concrete.

This standard does not cover health and safety requirements for the protection of workers during production and delivery of concrete.

ICS 91.100.10 HS 3816.00.00 63 pages

**91.100.25 Terracotta Building Products****EAS 54: 1999, Burnt building bricks — Specification**

This East African Standard specifies building bricks of burnt clay, shale or brick earth for use in buildings for decoratives, structural and non-structural purposes. It also specifies sampling and testing methods.

ICS 91.100.25 ; HS 6902.90.00 13 pages

**EAS 94: 2002, Burnt clay building blocks — Specification**

This East African Standard specifies requirements for type, quality, dimensions and other physical characteristics, of burnt clay, shale or brick earth building blocks for use in buildings for structural and non-structural purposes. It also specifies sampling and testing methods.

ICS 91.100.25 ; HS 6810.11.00; HS 6902.90.00 16 pages

**91.100.30 Concrete and Concrete Products****EAS 426-1:2006, Concrete pipes and ancillary concrete products <sup>3</sup>/<sub>4</sub> Part 1: Specification for unreinforced and reinforced concrete pipes (including jacking pipes) and fittings with flexible joints**

EAS 419 specifies requirements and describes test methods for precast concrete pipes and fittings, unreinforced, steel fibre and reinforced, with flexible joints and nominal sizes not exceeding DN 1750 or WN/HN 1200/1800, for which the main intended use is the conveyance of sewage, rainwater and surface water under gravity or occasionally at low head of pressure in pipelines that are generally buried. The scope includes pipes (collectively referred to as "jacking pipes") intended to be installed by pipe jacking, microtunnelling or other trenchless technology. This part of EAS 426 specifies complementary requirements to those in EAS 419 for unreinforced and reinforced concrete pipes and fittings, as provided for in that European Standard, with nominal sizes not exceeding DN 1500 for circular pipes with base and WN/HN 800/1200 for egg-shaped pipes. Full requirements for reinforced concrete circular trench and jacking pipes with nominal sizes greater than DN 1750, but not exceeding DN 3000, are also specified.

ICS 91.100.30 HS 6810.19.00; HS 6810.91.00 22 pages

**EAS 426-2:2006, Concrete pipes and ancillary concrete products  $\frac{3}{4}$  Part 2: Specification for unreinforced and reinforced concrete manholes and soakaways**

EAS 418 specifies requirements and describes test methods for precast concrete manholes of circular, rectangular (with or without chamfered or rounded corners) or elliptical cross-section, unreinforced, steel fibre and reinforced, with nominal sizes or nominal lengths not exceeding DN 1250 or LN 1250, respectively. The intended use of EAS 418 is to permit access to, and to allow aeration of, drain or sewer systems for the conveyance of sewage, rainwater and surface water under gravity or occasionally at low head of pressure, mainly installed in areas subjected to vehicular and/or pedestrian traffic.

This part of EAS 426 specifies complementary requirements to those in EAS 418 for unreinforced and reinforced concrete manholes of circular and rectangular cross-section (with or without chamfered or rounded corners), as provided for in that European Standard, i.e. units with nominal sizes or nominal lengths not exceeding DN 1250 or LN 1250, respectively. Full requirements for unreinforced and reinforced concrete manholes with nominal sizes greater than DN 1250, but not exceeding DN 3000, are also specified. The manholes are intended to be installed in carriageways of roads (including pedestrian streets), hard shoulders and parking areas for all types of road vehicles, though provision is also made for units subject to lighter traffic loading. Requirements for soakaways, landing slabs and corbel slabs are also specified.

Steel fibre concrete manholes are not manufactured in the United Kingdom and so have been excluded from this part of EAS 426. EN 752-2, -3 and -4, EN 1295-1 and EN 1610 deal with the planning, design, installation and testing of drains and sewers

ICS 91.100.30 HS 6810.19.00; HS 6810.91.00 25 pages

**EAS 426-3: 2006, Concrete pipes and ancillary concrete products  $\frac{3}{4}$  Part 3: Specification for unreinforced and reinforced concrete inspection chambers**

EAS 418 specifies requirements and describes test methods for precast concrete inspection chambers, designed to be used for inverts not exceeding 2 metres deep, of circular, rectangular (with or without chamfered or rounded corners) or elliptical cross-section, unreinforced, steel fibre and reinforced, with nominal sizes or nominal lengths not exceeding DN 1250 or LN 1250, respectively. The intended use of EAS 418 is to permit access to, and to allow aeration of, drain or sewer systems for the conveyance of sewage, rainwater and surface water under gravity or occasionally at low head of pressure, mainly installed in areas subjected to vehicular and/or pedestrian traffic.

This part of EAS 426 specifies complementary requirements to those in EAS 418 for unreinforced and reinforced concrete inspection chambers of circular and rectangular cross-section (with or without chamfered or rounded corners), as provided for in that European Standard. This part also specifies requirements for inspection chamber units less than or equal to DN 1000 or LN/WN 1000/675 not exceeding 1 metre depth to invert. The inspection chambers are mainly intended for installation in areas outside the highway and where vehicle loading is restricted.

ICS 91.100.30 HS 6810.19.00; HS 6810.91.00 15 pages

**EAS 426-4: 2006, Concrete pipes and ancillary concrete products  $\frac{3}{4}$  Part 4: Specification for pre-stressed non-pressed non-pressure pipes and fittings with flexible joints**

This standard specifies requirements and describes test methods for prestressed concrete non-pressure circular pipes and fittings with flexible joints (with seals either integrated in the units or supplied separately) and nominal sizes not exceeding DN 3200, for which the main intended use is the conveyance of sewage, rainwater and surface water under gravity or occasionally at low head of pressure, in pipelines that are generally buried.

ICS 91.100.30 HS 6810.19.00; HS 6810.91.00 28 pages

**EAS 426-5: 2006, Precast concrete pipes and ancillary concrete products  $\frac{3}{4}$  Part 5: Specification for ogee pipes and fittings (including perforated)**

This standard specifies requirements for precast concrete cylindrical units, perforated or unperforated, each with ogee or other rebated joints, either unreinforced or reinforced with steel cages or hoops. Perforated unreinforced pipes are also included. The units specified are intended for drainage and for the construction of culverts, other than systems carrying foul water. The specification covers constituent materials, dimensional requirements, performance

requirements, appropriate test methods and inspection procedures. This standard does not include the structural or hydraulic design of the pipeline, its durability under unusual environmental conditions or standards of workmanship and supervision during construction and operation

ICS 91.100.30 HS 6810.19.00; HS 6810.91.00 36 pages

**EAS 426-6: 2006, *Precast concrete pipes, fittings and ancillary products* <sup>3</sup>/<sub>4</sub> *Part 6: Specification for porous pipes***

This standard specifies requirements for unreinforced porous concrete pipes which are intended to admit water through the pipe wall throughout their full length and full circumference or, in the case of pipes with non-porous inverts, throughout part of their circumference. Porosity of the joint is not a requirement. The specification covers constituent materials, dimensional requirements, performance requirements, appropriate test methods and inspection procedures. Combinations of special cements have not been included in this standard in the absence of experience with them in this context

ICS 91.100.30; HS 6810.19.00; HS 6810.91.00 18 pages

**EAS 426-7: 2006, *Precast concrete pipes and ancillary concrete products* <sup>3</sup>/<sub>4</sub> *Part 7: Specification for road gullies and gully cover slabs***

This standard specifies requirements for precast concrete road gullies manufactured from monolithic concrete or prefabricated sections of concrete. A gully outlet may incorporate a permanent former, with or without a jointing profile for the connection of pipelines. Requirements are also specified for gully cover slabs

ICS 91.100.30 HS 6810.19.00; HS 6810.91.00 18 pages

**EAS 489: 2008, *Concrete poles for telephone, power and lighting purposes* — *Specification***

This East African Standard specifies the characteristics of pre-cast reinforced, partially prestressed and prestressed concrete poles. Possible uses for the poles include electrical reticulation and distribution, railway traction, telephone line support, street lighting standards and high mast lighting structures.

NOTE When concrete poles are used as traction poles, load/deflection characteristics, cross-section at ground level and resistance to impact may have to be considered.

ICS 91.100.30 ; HS 6810.91.00 19 pages

## **93 CIVIL ENGINEERING**

### **93.010 Civil engineering in general**

**EAS 416: 2005, *Building and civil engineering terms* — *Parts of construction works* — *Roofs and roofing***

This East African Standard gives standard definitions related to roofs and roofing processes.

ICS 01.040.91; 01.040.93; 91.010.01; 93.010 ; HS 6807; HS 6905; HS 7308; HS 7610  
23 pages

## **97 DOMESTIC AND COMMERCIAL EQUIPMENT. ENTERTAINMENT. SPORTS**

### **97.020 Home economics in general**

**EAS 374: 2005, *Audio, video and similar electronic apparatus* — *Safety requirements***

This East African Standard applies to electronic apparatus designed to be fed from the MAINS or from a SUPPLY APPARATUS and intended for reception, generation, recording or reproduction respectively of audio, video and associated signals. It also applies to apparatus designed to be used exclusively in combination with the above-mentioned apparatus. This standard concerns only safety aspects of the above apparatus; it does not concern other matters, such as style or performance.



ICS 97.020      HS 8518; HS 8519; HS 8520; HS 8521; HS 8522; HS 8526; HS 8527; HS 8528  
106 Pages

#### **97.030 Domestic electrical appliances in general**

**EAS 205: 2014, *Controls for heating units in household electric ranges — Specification (2<sup>nd</sup> edition)***

This East African Standard specifies requirements for control units for domestic electric ranges.

ICS 97.030      HS 8516.60.00 11 pages

#### **97.040 Kitchen equipment**

**EAS 176-1: 2000, *Aluminium hollow-ware uncoated utensils — Specification — Part 1: Sufurias and lids***

This standard specifies the materials construction and preferred sizes of domestic aluminium sufurias.

ICS 97.040; HS 7615.20.00      5 pages

#### **97.080 Floor treatment appliances**

**EAS 290-2: 2002, *Polishes — Specification — Part 2: Floor polish solvent type (liquid and paste)***

This Part 2 of this East African Standard prescribes the requirements and the methods of test for solvent- based floor polishes (liquid and paste).

ICS 97.080      HS 3405.20.00; HS 3405.40.00; HS 3405.90.00      5 pages

#### **97.180 Miscellaneous domestic and commercial equipment**

**EAS 343: 2004, *Ball points pens — Specification***

This East African Standard prescribes the requirements and test methods for ball point pens. The standard apply to the following: a) Ballpoint pens with a retractable, non-replaceable refill; b) Ballpoints with retractable replaceable refill; c) Ballpoints pens with an non-retractable non-replaceable refill; d) Ballpoint pens with a non- retractable replaceable refill; and e) A direct refill.

ICS 97.180      HS 9608.10.00 5 pages

## NUMERICAL LISTING

**1. EAS 1: 2019, Wheat flour- Specification (4th Edition)**

This East African Standard specifies requirements, sampling and test methods for wheat flour prepared from common wheat (*Triticum aestivum* L.) or club wheat (*Triticum compactum* Host), or their mixtures intended for human consumption.

ICS 67.060 HS 1101.00.00 6 pages

**2. EAS 2:2017, Maize grains — Specification**

This East African Standard specifies requirements, sampling and test methods for maize grains of varieties grown from common maize grains, *Zea mays indentata* L. and/or *Zea mays indurata* L. or their hybrids intended for human consumption.

ICS 67.060 HS 1005.00.00; HS 1005.90.00 6 pages

**3. EAS 4: 2013, Infant formula — Specification**

This East African Standard specifies the requirements and methods of sampling and test for infant formula in liquid or powdered form intended for use, where necessary, as a substitute for human milk in meeting the normal nutritional requirements of infants

ICS 67.230 HS 0402.10.00; HS 0402.21.10 HS 0402.29.10;; HS 0402.91.10; HS 0402.99.10; HS 2106.90.10 11 pages

**4. EAS 5: 2009, Refined white sugar — Specification**

This East African Standard applies to refined (white) sugar, obtained by processing raw sugars, which is intended for human consumption.

ICS 67.180.10 HS 1701.00.00 5 pages

**5. EAS 6: 2017, Fresh pineapples — Specification**

This East African Standard specifies the requirements, sampling and test methods for commercial varieties of pineapple grown from *Ananascomosus* (L.) Merr.of the Bromeliaceae family, to be supplied fresh to the consumer.

This standard does not apply to pineapple for ornamental use or industrial processing

ICS 67.080.10 HS 0804.30.00 4 pages

**6. EAS 8: 2010, Raw sugar — Specification**

This East African Standard specifies requirements, methods of test and sampling for raw sugar produced from sugarcane and intended for further processing to make it fit for human consumption.

ICS 67.180.10 HS 1701.00.00; HS 1701.11.00 5 pages

**7. EAS 9: 2000, Lemon juice preserved exclusively by physical means — Specification**

This East African standard applies to unfermented but fermentable juice intended for direct consumption, obtained by a mechanical process from the endocarp of sound, ripe lemons (*Citrus lemon* Burm. f.) preserved exclusively by physical means. The juice may have been concentrated and later reconstituted with potable water suitable for the purpose of maintaining the essential composition and quality factors of the juice.

ICS 67.080.10 HS 2009.30.60 6 pages

**8. EAS 10: 2000, Pineapple juice preserved exclusively by physical means — Specification**

This East African Standard applies to unfermented but fermentable juice, intended for direct consumption, obtained by a mechanical process, which may include centrifuging but not filtering, from the fresh or parts thereof, with or without core material, of sound, ripe pineapples (*Ananas comosus* L. Merrill = *Ananas sativus* L. Lindl) preserved exclusively by physical means (exclusive of ionizing radiation). The juice may have been concentrated or in powder form and later reconstituted with potable water suitable for the purpose of maintaining the essential composition and quality factors of the juice.

ICS 67.080.10 HS 2009.40.20 6 pages

9. ***EAS 11:2019, Hot-dip galvanized plain and corrugated steel sheets — Specification (3rd Edition)***  
 This East African Standard specifies requirements, test methods and sampling for hot-dip galvanized plain and corrugated steel sheets for roofing and general use.  
  
 ICS 77.140.50 HS 7210.41.00; HS 7210.49.00 14 pages
  
10. ***EAS 12:2018, Potable water — Specification (3rd Edition)***  
 This East African Standard specifies requirements, sampling and test methods for potable water intended for direct human consumption, domestic and industrial use.  
  
 ICS 13.060.20 HS 2201.90.0000 14 pages
  
11. ***EAS 13:2018, Mineral water — Specification (3rd Edition)***  
 This East African Standard specifies requirements for packaged mineral waters for human consumption. This standard applies to natural mineral water, mineral water, natural spring water, spring water and carbonated mineral water  
  
 ICS 13.060.20 HS 2201.10.00 28 pages
  
12. ***EAS 14:2018, Fat spreads and blended spreads — Specification (2nd Edition)***  
 This East African Standard specifies requirements, sampling and test methods for fat spreads and blended spreads. The Standard does not apply to fat spreads derived exclusively from milk and/or milk products to which only other substances necessary for their manufacture have been added such as butter and dairy spreads.  
  
 ICS 67.100.20 1517.10.00 11 pages
  
13. ***EAS 16: 2010, Plantation (mill) white sugar — Specification***  
 This standard specifies the requirements, methods of sampling and testing for plantation or mill white sugar intended for human consumption.  
  
 ICS 67.180.10 HS 1701.99.90 6 pages
  
14. ***EAS 17: 2000, Sugar — Methods of chemical analysis - specification***  
 This East African Standard prescribes methods for determination of polarization, loss on drying, sulphated ash, ash content, invert sugar content, free sulphur dioxide, odour, water-insoluble matter, arsenic, lead and copper and determination of fineness of sugar.  
  
 ICS 67.180.10 HS 1701.99.90 5 pages
  
15. ***EAS 18-1-2017: Cement — Part 1: Composition, specification and conformity Criteria for common cement***  
 This East African Standard gives the specifications which include mechanical, physical and chemical requirements of 27 distinct common cements, seven sulphate resisting common cements as well as three distinct low early strength blast furnace cements and two sulphate resisting low early strength blast cements and their constituents. This East African Standard also gives strength classes and durability requirements of cements and states their conformity criteria  
  
 ICS 91.100.10 HS 2523.00.00 26 pages
  
16. ***EAS 18-2-2017: Cement — Part 2: Conformity evaluation (2<sup>nd</sup> edition)***  
 This East African standard specifies the scheme for the assessment and verification of constancy of performance (AVCP) of cements to their corresponding product specification standards, including certification of constancy of performance by a product certification body. It provides technical rules for factory production control by the manufacturer, including auto-control testing of samples, and for the tasks of the product certification body. It also provides rules for actions to be followed in the event of non-conformity, the procedure for the AVCP and requirements for dispatching centre.  
  
 ICS 91.100.10 HS 2523.00.00 22 pages

17. **EAS 19: 2017, Avocados — Specifications**  
 This East African Standard specifies requirements, sampling and test methods for avocados (*Persea americana* Gartner or *P. Grattissima* mill) fruits of the family Lauraceae to be supplied fresh to the consumer.  
 This standard does not apply to avocados for industrial processing  
  
 ICS 67.080.10 HS 0804.40.00 4 pages
18. **EAS 22:2018 Butter—Specification (3rd Edition)**  
 This East African Standard specifies requirements, sampling and test methods for butter intended for human consumption or for further processing.  
  
 ICS 67.100.20 HS 0405.10.00 [HS 0405.00.50] 5 pages
19. **EAS 23: 2000, Timber — Dimensions for coniferous sawn timber (cypress and pine) — Sizes of sawn and planed timber — Specification**  
 This East African Standard specifies dimensions for a range of coniferous sawn timber sizes in metric units.  
  
 ICS 79.040 HS 4401.00.00; HS 4407.10.00 3 pages
20. **EAS 24: 2000, Timber industry — Glossary of terms**  
 Covers production processes and products used in various fields, e.g. logs for the pulp and paper industry, board production and chemical processing as well as fuel-woods.  
  
 ICS 01.040.79; 79.020 HS 4400.00.0000 5 pages
21. **EAS 25: 2000, School chalks — Specification**  
 This East African Standard specifies requirements, methods of sampling and tests for white and coloured chalks, made from good quality calcined gypsum or calcium sulphate ( $\text{CaSO}_4 \cdot \frac{1}{2}\text{H}_2\text{O}$ ), intended for writing on chalkboards. The standard does not apply to calcium carbonate type of chalks.  
  
 ICS 71.100 HS 2509.00.00 9 pages
22. **EAS 26: 2000, Canned corned beef — Specification**  
 This East African Standard covers requirements for canned beef products designated 'corned beef' and packed in hermetically sealed containers which have been treated after sealing to such an extent that the product is shelf-stable  
  
 ICS 67.120.10 HS 0201.30.30; HS 0202.30.30 5 pages
23. **EAS 27:2018 UHT milk —Specification (3rd Edition)**  
 This East African Standard specifies requirements, sampling and test methods for UHT milk obtained from cow milk.  
  
 ICS 67.100.10 HS 0401.10.00 (fat-free); HS 0401.20.00 7 pages
24. **EAS 28 2018 Black tea – Specification (2nd Edition)**  
 This East African Standard specifies requirements, sampling and test methods for black tea of *Camellia sinensis* (Linneaus) O. Kuntze.  
 This standard also applies to blended black tea. This standard does not apply to scented or decaffeinated black tea.  
  
 ICS 67.140.10 HS 0902.30.00 (packs  $\leq$  3 kg); HS 0902.40.00 (packs  $>$  3 kg) 25 pages
25. **EAS 29: 2000, Carbonated and uncarbonated (beverage) soft drinks — Specification**  
 This East African Standard prescribed the requirements and methods of test for Carbonated and non-carbonated (Beverages) Soft drinks  
  
 ICS 67.160.20 HS 2202.10.00; HS 2202.90.00 11 pages

- 26. EAS 31: 2013, Laundry soap — Specification**  
This East African Standard specifies requirements, sampling and test methods for two grades of laundry soaps. This standard covers two grades of laundry soap pure and built laundry soap in the form of cakes, tablets or bars, produced from vegetable or animal oils or fats or a blend of all or part to these materials.  
It does not cover liquid soap for household purposes, and bar soap, in which synthetic detergents have been added to enhance its performance  
  
ICS 71.100.40 HS 3401.19.00; HS 3401.20.00 6 pages
- 27. EAS 32: 2008, Water quality — Vocabulary**  
This East African Standard defines terms used in water quality characterization.  
  
ICS 01.040.13; 13.060.01 HS 2201.90.0000 60 pages
- 28. EAS 33:2018 Yoghurt —Specification (3rd Edition)**  
This East African Standard specifies requirements, sampling and test methods for yoghurt.  
  
ICS 67.100.10 HS 0403.10.00 6 pages
- 29. EAS 35: 2012; Fortified food grade salt — Specification**  
This East African Standard specifies the requirements and methods of sampling and test for fortified food grade salt: coarse salt, crushed salt and table salt intended for human consumption.  
  
ICS 67.220.20 HS 2501.00.00 33 pages
- 30. EAS 36: 2000, Honey — Specification**  
This East African Standard applies to all honey produced by honeybees and covers all styles of honey presentation which are offered for direct consumption. The Standard also covers honey, which is packed in non-retail (bulk) containers and is intended for re-packing into retail packs.  
  
ICS 67.180.10 HS 0409.00.00 19 pages
- 31. EAS 37: 2000, Orange juice preserved exclusively by physical means — Specification**  
This East African Standard applies to unfermented by fermentable orange juice, intended for direct consumption, obtained by a mechanical process from the endocarp of sound, ripe oranges (*Citrus sinensis* L. Osbeck) preserved exclusively by physical means.  
  
ICS 67.080.10 HS 2009.12.00 4 pages
- 32. EAS 38:2014; Labelling of pre-packaged foods — Specification; 2nd Edition**  
This East African Standard applies to the labeling of all prepackaged foods to be offered as such to the consumer or for catering purposes and to certain aspects relating to the presentation thereof.  
  
ICS 67.230 HS 0200; HS 0300; HS 0400; HS 0700; HS 0800; HS 0900; HS 1000; HS 1100; HS 1200; HS 1500; HS 1600; HS 1700; HS 1800; HS 1900; HS 2000; HS 2100; HS 2200; HS 2300; HS 2501; HS 3300; HS 3500 21 pages
- 33. EAS 39: 2000, Hygiene in the food and drink manufacturing industry — Code of practice**  
This East African Code of Practice sets out the general guidelines for the hygiene requirements in the Food and Drink Manufacturing Industry. It does not replace the legal requirements for the various sectors of the Food and Drink Industry. This Code of Practice shall apply to all Food and Drink Manufacturing companies.  
  
ICS 67.020 HS 0200; HS 0300; HS 0400; HS 0700; HS 0800; HS 0900; HS 1000; HS 1100; HS 1200; HS 1500; HS 1600; HS 1700; HS 1800; HS 1900; HS 2000; HS 2100; HS 2200; HS 2300; HS 2501; HS 3300; HS 3500 15 pages
- 34. EAS 43: 2013, Bread — Specification (2<sup>nd</sup> edition)**  
This East African Standard specifies the requirements and methods of sampling and test for bread intended for human consumption

**35. EAS 44: 2019, Milled maize (Corn) products- Specification (4th Edition)**

This East African Standard specifies requirements, sampling and test methods for whole maize meal, granulated maize meal, sifted maize meal, maize grits and maize flour from the grains of common maize (*Zea mays* L.) intended for human consumption.

This standard does not apply to fortified milled maize (corn) products and maize grits intended for brewing, manufacturing of starch and any other industrial use

ICS 67.060 HS 1102.20.00; HS 1103.13.00 8 pages

**36. EAS 45: 2000, Tea trade — Glossary of terms — Specification**

This East African Standard lists the terms used in the tea industry and provides their definitions in relation to the technicalities of processing and assessment of tea for the market.

ICS 01.040.67; 67.140.10 HS 0902.00.0000 13 pages

**37. EAS 46: 2017, Dry beans — Specification**

This East African Standard specifies requirements, sampling and test methods for dry beans (*Phaseolus vulgaris* L.) intended for human consumption.

ICS 67.060 HS 0713.00.00; HS 0713.32.00; HS 0713.33.00 6 pages

**38. EAS 47: 2000, Fresh papaya — Specification**

This East African Standard prescribes requirements for fresh (*Carica papaya*) to be supplied in export and local specified markets. It also stipulates requirements for handling, grading and packaging of the produce.

ICS 67.080.10 HS 0807.20.00 2 pages

**39. EAS 49: 2018 Milk powders and cream powder — Specification (3rd Edition)**

This East African Standard specifies requirements, sampling and test methods for milk powders and cream powder intended for direct human consumption or for further processing.

ICS 67.100.10 HS 0402.10.00 5 pages

**40. EAS 50: 2000, Canned pineapples — Specification**

This East African Standard prescribes requirements for canned pineapples *Ananas comosus*.

ICS 67.080.10 HS 2008.20.00 7 pages

**41. EAS 51: 2017, Wheat grains — Specification**

This East African Standard specifies requirements, sampling and test methods for wheat grain of varieties (cultivars) grown from common wheat (*Triticum aestivum* L.) intended for human consumption

ICS 67.060 HS 1001.10.90; HS 1001.90.20 6 pages

**42. EAS 53: 2000, Retreaded car and commercial vehicle tyres — Specification**

This East African Standard specifies the minimum requirements for retreading car and commercial vehicle pneumatic tyres beyond which retreading shall not be attempted. The examination, limits of damage, preparation permitted to the tyre casing before processing, and inspection after curing are also specified.

ICS 83.140 HS 4012.11.00 (car tyres); HS 4012.12.00 (buses and trucks) 8 pages

**43. EAS 54: 1999, Burnt building bricks — Specification**

This East African Standard specifies building bricks of burnt clay, shale or brick earth for use in buildings for decoratives, structural and non-structural purposes. It also specifies sampling and testing methods.

ICS 91.100.25 HS 6902.90.00 13 pages

- 44. EAS 55:2019, Compounded pig feeds — Specification (2nd Edition)**  
This East African Standard specifies requirements, methods of sampling and test for compounded feeds used as a sole source of nutrients for: pig starter feed; pig growers feed; pig finishing feed; and lactating sow feed.
- ICS 65.120 HS 2309.90.10.; HS 2309.90.40 12 pages
- 45. EAS 56: 2000, Fresh mushrooms — Specification**  
This East African Standard prescribes requirements for edible mushrooms of *Agaricus bisporus* species in fresh condition to be supplied for export and local markets. It stipulates requirements for grading and packaging of the produce from the dispatching stage to the market.
- ICS 67.080.01; 67.080.20 HS 0709.51.00; HS 0709.40.00 3 pages
- 46. EAS 57-1: 2000, Groundnuts (peanuts) — Specification — Part 1: Raw groundnuts for table use and for oil milling**  
This Part 1 of East African Standard prescribes the requirements, grading and methods of test for shelled groundnut kernels.
- ICS 67.080.10 HS 1202.10.00 (In-shell); HS 1202.20.00(shelled) 4 pages
- 47. EAS 57-2: 2000, Groundnuts (peanuts) — Specification — Part 2: Roasted groundnut**  
This Part 2 of this East African Standard for shelled groundnuts (*Arachis hypogaea*) prescribes the requirements for roasted groundnuts (peanuts).
- ICS 67.080.10 HS 1202.20.00 4 pages
- 48. EAS 58: 2000, Dog feeds — Specification**  
This East African Standard prescribes the requirements for dog feeds manufactured and/or marketed in East Africa. This East African Standard shall apply to complete dog feeds.
- ICS 65.120 HS 2309.10.00 5 pages
- 49. EAS 59: 2000, Maize seeds for planting — Specification**  
This East African Standard specifies minimum requirements for maize seeds (*Zea mays*) for planting.
- ICS 65.020.20 HS 1005.10.00. 6 pages
- 50. EAS 60: 2013, Peanut butter — Specification**  
This East African Standard specifies the requirements and methods of sampling and test for peanut butter derived from seeds of peanuts (groundnuts) of the species *Arachis hypogaea* L.
- ICS 67.230 HS 2008.11.00 11 pages
- 51. EAS 61: 2014, Opaque beers — Specification**  
This East African Standard specifies the requirements and methods of sampling and test for opaque beer. The standard does not cover stout beer.
- ICS 67.160.10 HS 2206.00.20 4 pages
- 52. EAS 62-1:2017, Fish handling and processing - Code of practice - Part 1: Fresh fish**  
This East African Standard provides guidelines for the handling and processing of fresh fish intended for human consumption.
- ICS 67.120.30 HS 0302.00.00; HS 0303.00.00; HS 0304.00.00; HS 0305.00.00; HS 0306.00.00; HS 0307.00.00 5 pages
- 53. EAS 62-2: 2000, Fresh fish handling and processing — Code of hygiene for the handling, processing, storage and the placing of fish and fishery products**  
This East Africa Code of hygienic practice for the handling, processing, storage and the placing on the market of fish and fishery products lays down the health conditions for the production and the placing on the market of fish and fishery products for human consumption.

ICS 67.120.30 HS 0302.00.00; HS 0303.00.00; HS 0304.00.00; HS 0305.00.00; HS 0306.00.00; HS 0307.00.00 20 pages

**54. EAS 63: 2019 Beer — Specification (3rd edition)**

This East African Standard specifies the requirements, sampling and test methods for beer.

ICS 67.160.10 HS 2203.00.00 6 pages

**55. EAS 64: 2017, Groundnut (peanut) oil for cosmetic industry – Specification**

This East Africa Standard specifies the requirements, sampling and test methods for groundnut (peanut) oil for cosmetic industry.

ICS 71.100.01 HS 1508.00.00; HS 1508.90.00 3 pages

**56. EAS 65: 2017, Coconut oil for cosmetic industry – Specification**

This East African Standard specifies the requirements, sampling and test methods for coconut oil for cosmetic industry.

ICS 71.100.01 HS 1513.19.00; HS 1513.29.00 5 pages

**57. EAS 66-1: 2017, Tomato products — Specification — Part 1: Canned (preserved) tomato**

This Part 1 of EAS 66 specifies the requirements, sampling and test methods for canned (preserved) tomatoes.

ICS 67.080.10; 67.160.20 HS 2002.00.00 8 pages

**58. EAS 66-2: 2017, Tomato products — Specification- Part 2: Tomato sauce and catsup (ketchup)**

This Part 2 of EAS 66 prescribes the requirements, sampling and test methods for tomato sauce and ketchup (also known as catsup and catchup).

ICS 67.080.10; 67.160.20 HS 2103.20.00 10 pages

**59. EAS 66-3: 2017, Tomato products — Specification— Part 3: Tomato juice**

This East African standard specifies requirements, sampling and test methods for unfermented but fermentable juice, intended for direct consumption, obtained from fresh tomatoes (*Lycopersicon esculentum* L.), puree, paste or concentrates

ICS 67.080.10; 67.160.20 HS 2009.50.00 8 pages

**60. EAS 66-4: 2017, Tomato products — Specification— Part 4: tomato concentrates (paste and puree)**

This Part 4 of EAS 66 specifies the requirements, sampling and test methods for tomato concentrates (paste and puree).

ICS 67.080.10; 67.160.20 HS 2103.20.00 11 pages

**61. EAS 67: 2018 Raw cow milk — Specification (3rd Edition)**

This East African Standard specifies requirements, sampling and test methods for raw cow milk.

ICS 67.100 HS 0401.20.00 14 pages

**62. EAS 69: 2018 Pasteurized milk—Specification (3rd Edition)**

This East African Standard specifies requirements, sampling and test methods for pasteurized milk obtained from raw cow milk.

ICS 67.100.10 HS 0401.20.00; HS 0401.10.00(fat-free) 3 pages

**63. EAS 70: 2018 Dairy ice cream—Specification (3rd Edition)**

This East African Standard specifies requirements, sampling and test methods for dairy ice cream intended for human consumption.

ICS 67.100.10 HS 2105.00.00 5 pages



- 64. EAS 72: 2013, *Processed cereals-based food for infants and children — Specification***  
This East African Standard specifies requirements and methods of sampling and test for processed cereal-based foods intended for feeding infants as a complementary food generally from the age of six months onwards, taking into account infants' individual nutritional requirements, and for feeding young children as part of a progressively diversified diet.
- ICS 67.060 HS 1901.10.00 5 pages
- 65. EAS 73: 2000, *Building limes (Quicklime and Hydrated Lime) — Specification***  
This East African Standard specification applies to quick and hydrated lime intended for use in buildings.
- ICS 91.100.10 HS 2522.10.00 (quicklime); HS 2522.20.00(slaked lime); HS 2522.30.00(hydraulic) pages
- 66. EAS 75:2019, *Compounded Cattle feed – Specification (2nd Edition)***  
This East African Standard specifies supplementary feeding requirements, method of sampling and test for compounded cattle feeds which include feeds for calves, weaners, dairy beef and draught cattle.
- ICS 65.120 HS 2309.90.10; HS 2309.90.30 13 pages
- 67. EAS 76: 2000, *Tomato products — Test methods***  
This East African Standard specifies methods of test for tomato concentrates, modified tomato products, tomato juice and canned tomatoes.
- ICS 67.080.20 HS 0702.00; HS 2002.00.00; HS 2009.50.00; HS 2103.20 22 pages
- 68. EAS 77:2019: *Fruits drinks- Specification (2nd Edition)***  
This East African Standard specifies the requirements, sampling and test methods for fruit drinks either as ready-to-drink or dilutables containing fruit juice.
- ICS 67.080.10; 67.160.20 HS 2009 11 pages
- 69. EAS 83:2017, *Tomatoes — Specification***  
This East African Standard specifies requirements, sampling and test methods for fresh tomato (*Lycopersicon esculentum*) of the family Solanaceae for direct human consumption
- ICS 67.080.20 HS 0702.00.00 6 pages
- 70. EAS 84-1: 2000, *Meat grades and meat cuts — Specification — Part 1: Beef grades and cuts, veal grades***  
This part of this East African Standard specifies methods of grading and grades of beef livestock and carcasses thereof, meant for human consumption. The standard also defines major portions of meat cuts from the carcasses for sale.
- ICS 67.120.10 HS 0201.00.00; HS 0202.00.00 7 pages
- 71. EAS 86: 2017, *Sesame (simsim) oil for cosmetic industry – Specification***  
This East African Standard specifies the requirements, sampling and test methods for sesame oil for cosmetic industry.
- ICS 71.100.01 HS 1515.50.00 4 pages
- 72. EAS 87: 2018 *Sweetened condensed milk—Specification (3rd Edition)***  
This East African Standard specifies requirements, sampling and test methods for sweetened condensed milk obtained from cow, intended for direct consumption or further processing.
- ICS 67.100.10 HS 0402.10.00(skimmed); HS 0402.99.90 [HS 0402.99.20] 5 pages
- 73. EAS 88:2000, *Animal feedstuffs — Methods of sampling***  
This East African Standard prescribes methods for sampling animal feedstuffs.

ICS 65.120      HS 2308.00.00 (vegetable type); HS 2309.00.0000 (preparations)      5  
pages

**74. EAS 89: 2017, Millet flour — Specification**

This East African Standard specifies requirements, sampling and test methods for millet flour obtained from pearl millet of varieties (cultivars) “souana” and “sanio” grown from *Pennisetum glaucum* (L.) R.Br. proso millet grown from *Panicum miliaceum* and finger millet grown from *Eleusine coracana* (L.) Gaertner intended for human consumption. This East African Standard does not apply to grits obtained from pearl millet.

ICS 67.060      HS 1102.90.00 4 pages

**75. EAS 90:2019, Compounded poultry feeds — Specification (2nd Edition)**

This East African Standard specifies the requirements for compounded poultry feeds used as a sole source of nutrients for poultry. This standard shall apply to feeds for the following categories of chicken and turkeys: chicks and poults; growers; broilers — Starters and finishers; layers; and breeders.

ICS 65.120      HS 2309.90.10; HS 2309.90.20      10 pages

**77. EAS 91:2017, Passion fruit — Specification**

This East African Standard specifies requirement, sampling and test methods for commercial varieties of passion fruits from the species golden passion fruit/sweet granadilla (*Passiflora ligularis* Juss), purple passion fruit (*Passiflora edulis* Sims forma *edulis*), yellow passion fruit (*Passiflora edulis* Sims forma *flavicarpa*) and their hybrids grown from the *Passifloraceae* family, to be supplied fresh to the consumer.

This standard does not apply to passion fruits for industrial processing.

ICS 67.080.10      HS 0810.90.00 [HS 0810.90.5000]      7 pages

**78. EAS 93-1: 2000, Preservation of hides and skins — Code of practice — Part 2: Air-drying**

This East African Standard shall apply to raw lamb, sheep, kid and goat skins to be preserved by pickling and intended for tanning.

ICS 59.140.20      HS 4101.00.00 5 pages

**79. EAS 93-2: 2000, Raw hides and skins — Code of practice — Part 2: By air-drying**

This East African Standard shall apply to raw hides and skins to be preserved by air-drying and intended for tanning.

ICS 59.140.20      HS 4101.00.00 4 pages

**80. EAS 93-3: 2000, Raw hides and skins — Codes of practice for preservation — Part 3: By pickling**

The pickling method consists of treating skins with pickle which is a solution of an acid (sulphuric or hydrochloric acid) and salt (sodium chloride) in water.

ICS 59.140.20      HS 4101.00.00 4 pages

**81. EAS 94: 2002, Burnt clay building blocks — Specification**

This East African Standard specifies requirements for type, quality, dimensions and other physical characteristics, of burnt clay, shale or brick earth building blocks for use in buildings for structural and non-structural purposes. It also specifies sampling and testing methods.

ICS 91.100      HS 6810.11.00; HS 6902.90.00 16 pages

**82. EAS 95:2017, Sorghum flour — Specification (3<sup>rd</sup> edition)**

This East African Standard specifies requirements, sampling and test methods for sorghum flour obtained from decorticated sorghum grains (*Sorghum bicolor* (L.) Moench.) intended for human consumption. It does not apply to grits or meal obtained from sorghum.

ICS 67.060      HS 1102.90.00 6 pages

- 83. EAS 96-1:2018, Sanitary towels — Part 1 Specification (3rd Edition)**  
This East African Standard specifies requirements, sampling, and test methods for disposable sanitary towels (also known as sanitary pads/sanitary napkins). This standard does not apply to reusable sanitary towels.
- ICS 59.080.30 HS 4818.40.10 [HS 4818.40.4010] 18 pages
- 84. EAS 97: 1999, Fish-meal — Specification**  
This East African Standard prescribes the requirements for fishmeal for use in compounding livestock feeds.
- ICS 65.120 HS 2301.20.90 4 pages
- 85. EAS 98: 2019 Curry powder specification (2nd Edition)**  
This East African Standard specifies the requirements, sampling and test methods for curry powder, which is used as a flavouring material in the preparation of food.
- ICS 67.220.10 HS 0910.00.00 4 pages
- 86. EAS 99:2019 Spices and Condiments – Terminology (2nd Edition)**  
This East African Standard provides the list of botanical names of plant classification under spices and condiments. This standard gives the part of the plant used, the common English and available Swahili names of the spices and condiments.
- ICS 67.220.10 HS 0904; HS 0905; HS 0906; HS 0907; HS 0908; HS 0909; HS 09104 pages
- 87. EAS 104: 2014, Alcoholic beverages — Methods of sampling and testing (2nd edition)**  
This East African Standard prescribes methods of sampling and tests for alcoholic beverages.
- ICS 67.160.10 HS 2203; HS 2204; HS 2205; HS 2206; HS 2207; HS 220818 pages
- 88. EAS 105: 2008, Roasted coffee beans and roasted ground coffee — Specification**  
This East African Standard prescribes the requirements and methods of sampling and test for roasted coffee beans and roasted ground coffee.
- ICS 67.140.20 HS 0901.11.00; 0901.12.00 24 pages
- 89. EAS 108: 2013, Steel sheet and strip, heavy thickness coils carbon, hot-rolled-Specification ( 2nd Edition)**  
This East African Standard specifies requirements for hot-rolled, heavy-thickness carbon steel sheets, coils and strips of commercial quality, drawing quality special killed, and structural quality.
- ICS 77.140.50 HS 7208.10.00 12 pages
- 90. EAS 109: 2018- Potable spirit — Specification (3rd Edition)**  
This East African Standard specifies requirements and methods of sampling and test for potable spirits.
- ICS 67.160.10 HS 2208.10.00 4 pages
- 91. EAS 110: 2005, Cigarettes — Specification**  
This East African Standard specifies the requirements and methods of sampling and test for cigarettes. The tobacco blend of cigarettes is produced from leaves of the cultivated plant *Nicotiana tabacum* and *N. Rustica*. This standard does not cover the requirements for flavour and aroma of cigarettes.
- ICS 65.160 HS 2402.20.00 9 pages
- 92. EAS 111: 1999, All Aluminium Conductors (AAC) for overhead power transmission — Specification**  
This East Africa Standard applies to the requirements for all aluminium stranded conductors (AAC) for overhead power transmission purposes.

ICS 29.240.20; 29.060.10      HS 7614.90.00 15 pages

**93. EAS 112: 1999, Aluminium conductors, Galvanized steel reinforced (ACSR) for overhead power transmission — Specification**

This East Africa Standard specifies to the requirements for aluminium conductors, steel-reinforced (ACSR) for overhead power transmission purposes.

ICS 29.240.20; 29.060.10      HS 7614.10.00 11 pages

**94. EAS 113: 1999, PVC Insulated cables — Spark testing — Method**

This East African Standard specifies requirements for PVC-covered conductors for overhead power lines. These requirements are limited to the PVC covering and to the testing thereof after application to the conductors.

ICS 29.060.20; 29.240.20      HS 8544.19.20; HS 8544.51.30; HS 8544.60.20 5 pages

**95. EAS 114: 1999, PVC Insulated cables (non-armoured) for electric power and lighting — Specification**

This East African Standard specifies requirements and dimensions for non-armoured PVC insulated cables for operation at voltages up to and including 450 V to earth and 750 V a.c. between conductors. The cables are suitable for use where the combination of ambient temperature and temperature rise due to load results in a conductor temperature not exceeding 70 °C and in the case of a short circuit the maximum conductor temperature does not exceed 60 °C.

ICS 29.060.20    HS 8544.19.20; HS 8544.51.30 23 pages

**96. EAS 115: 1999, Electric Cables — Spark testing — Test method**

This East Africa Standard specifies requirements and test methods for A.C. and D.C. spark testing of the insulation and sheath of electric cables, but does not apply to telecommunication cables.

ICS 29.060.20    HS 8544.19.20; HS 8544.51.30; HS 8544.60.20 6 pages

**97. EAS 116:1999, Copper conductors in insulated cables — Specification**

This East Africa Standard gives the requirements for plain or tinned annealed and plain or tinned hard drawn copper conductors in the finished insulated cables. It deals with solid, stranded, bunched and multiple stranded circular conductors and solid and stranded shaped conductors, but it does not cover the following: conductors for use in coils of machines and apparatus; conductors for aircraft cables; conductors for telecommunication cables; conductors for radio-frequency cables; conductors for mineral insulated cables; and conductors for special design, for example, hollow-core conductors.

ICS 29.060.20    HS 8544.11.00 18 pages

**98. EAS 117:1999, Insulated flexible cables — Specification**

This East Africa Standard specifies requirements and dimensions for insulated flexible cables for operation at voltages up to and including 450 V to earth and 750 V a.c. between phases. The cables are primarily intended for use under the conditions envisaged in the Regulations for the Electrical Equipment of Buildings. The specification covers flexible cables suitable for operation where the combination of ambient temperature and temperature rise due to load results in a conductor temperature not exceeding: PVC, 70 °C for general purpose and flexible PVC insulation operating at maximum temperature of 70 °C, and, in the case of a short circuit, the maximum temperature does not exceed 160 °C; b) rubber, (i) 60 °C for type 60 °C insulation; (ii) 85 °C for type 85 °C insulation, (iii) 150 °C for type 150 °C, but 180 °C if there are no limits imposed by environmental conditions; and, in the case of a short circuit, the maximum temperature does not exceed:

- 200 °C for type 60 °C insulation.
- 250 °C for type 85 °C insulation,
- 350 °C for type 150 °C insulation.

- Glass fibre insulation – 185 °C and, in the case of a short circuit, the maximum temperature does not exceed 250 °C.
- ICS 29.060.20 HS 8544.11.00 18 pages
- 99. EAS 120-1: 2006 Lead acid starter batteries — Specification — Part 1: General requirements (2<sup>ND</sup> edition)**  
 This standard is applicable to lead-acid batteries with a nominal voltage of 12 V. used primarily as a power source for the starting of internal combustion engines, lighting and also for auxiliary equipment of internal combustion engine vehicles. These batteries are commonly called "starter batteries". Batteries with a nominal voltage of 6 V are also included within the scope of this standard. All referenced voltages have to be divided by two for 6 V batteries: This standard is applicable to batteries for the following purposes: batteries for passenger cars; batteries for commercial and industrial vehicles for normal use; and batteries for commercial and industrial vehicles for severe use. This standard is not applicable to batteries for other purposes, for example, the starting of railcar internal combustion engines.
- ICS 29.220.20; 43.040.10 HS 8507.10.00 23 pages
- 100. EAS 120-2: 1999, Lead-acid starter batteries — Part 2: Dimensions of batteries and dimentionions and marking of terminals**  
 This East African Standard is applicable to lead-acid batteries used for starting, lighting and ignition of passenger automobiles and light commercial vehicles with a nominal voltage of 12 V fastened to the vehicles by means of ledges on the long sides of the battery case (standard fastening). Since other methods of fastening the batteries are at present in use, two alternative admissible means are also specified. The object of the present standard is to specify; the main dimensions of starter batteries of four standard series; the location of the positive and negative terminals with respect to the fastening system; the dimensions of tapered terminals of starter batteries; and the marking of the polarity."
- ICS 29.220.20; 43.040.10 HS 8507.10.00 11 pages
- 101. EAS 121: 1999, Water for lead-acid batteries — Specification**  
 This East African Standard specifies requirements for sampling and testing water for lead acid batteries.
- ICS 29.220.20 HS 2851.00.00 13 pages
- 102. EAS 122: 1999, Sulfuric acid — Specification**  
 This East African Standard prescribes the requirements and the methods of sampling and test for sulphuric acid
- ICS 71.060.30 HS 2807.00.00 16 pages
- 103. EAS 123: 1999, Distilled water — Specification**  
 This East African Standard specifies the requirements and methods of sampling and testing for water, distilled quality; intended for general laboratory use, photograph washings, etc.
- ICS 71.040.30 HS 2851.00.00 4 pages
- 104. EAS 124: 1999, Rounding off number values**  
 This East African Standard covers the principles and procedures to be adopted for rounding a number.
- ICS 17.020 HS 9017.00.00 4 pages
- 105. EAS 126: 1999, Pure petroleum jelly for cosmetic industry — Specification**  
 This East Africa Standard prescribes the requirements and methods of sampling and test for petroleum jelly for cosmetic industry.
- ICS 71.100.01; 71.100.70 HS 2712.10.00 14 pages

- 106. EAS 127-1: 2013, *Synthetic detergent powders — Specification — Part 1: Household hand Use***  
 This East African Standard specifies the requirements and methods of sampling and test for synthetic detergents for household use.  
 This standard does not cover machine wash and industrial detergent powders  
 ICS 71.100.40 HS 3402.11.00; HS 3402.12.00; HS 3402.13.00; HS 3402.19.00; HS 3402.90.1018 pages
- 107. EAS 127-2: 2014 *Synthetic detergent powders — Specification — Part 2: Machine wash***  
 This East African Standard specifies the requirements and methods of sampling and test for synthetic detergents for machine wash. It does not cover hand wash powders and industrial detergent powders.  
 ICS 71.100.40 HS 3402.11.00; HS 3402.12.00; HS 3402.13.00; HS 3402.19.00; HS 3402.90.1015 pages
- 108. EAS 128:2017, *Milled rice — Specification***  
 This East African Standard specifies requirements, sampling and test methods for milled rice of the varieties grown from rice grains, *Oryza* spp. intended for human consumption.  
 ICS 67.060 HS 1006.30.00 9 pages
- 109. EAS 130: 1999, *Green coffee beans — Specification***  
 This East African Standard specifies requirements for green coffee beans. It applies to the following categories of coffee: a) Arabica coffee; Wet processed; Dry processed; b) Robusta coffee; Wet processed; Dry processed  
 ICS 67.140.20 HS 0901.11.00 11 pages
- 110. EAS 131-1: 2008, *Concrete — Specification (2<sup>nd</sup> Edition)***  
 This East African Standard applies to concrete for structures cast in situ, precast structures, and structural precast products for buildings and civil engineering structures. The concrete may be mixed on site, ready-mixed concrete or produced in a plant for precast concrete products. This standard specifies requirements for: the constituent materials of concrete; the properties of fresh and hardened concrete and their verification; the limitations for concrete composition; the specification of concrete; the delivery of fresh concrete; the production control procedures; the conformity criteria and evaluation of conformity.  
 This East African Standard applies to concrete compacted to retain no appreciable amount of entrapped air other than entrained air. This standard applies to normal-weight, heavy-weight and light-weight concrete. Other East African Standards for specific products e.g. precast products or for processes within the field of the scope of this standard may require or permit deviations from this standard. Additional or different requirements may be given in further parts of this standard or in other specific East African Standards, for example: concrete to be used in roads and other trafficked areas; concrete using other materials (e.g. fibres); concrete with an upper aggregate size of 4 mm or less (mortar); special technologies (e.g. sprayed concrete); concrete for disposal of liquids and gaseous waste; concrete for vessels for storage of polluting substances; concrete for massive structures (e.g. dams); dry mixed concrete.  
 This standard does not cover health and safety requirements for the protection of workers during production and delivery of concrete.  
 ICS 91.100.10 HS 3816.00.00 63 pages
- 111. EAS 132: 1999, *Hoes (jembes) — Both plain and forked — Specification***  
 This East African Standard specifies the requirements for forged hoes; both plain and fork hoes used for digging.  
 ICS 25.140.30 HS 8201.30.00 11 pages
- 112. EAS 134:2019, *Cold rolled steel sections — Specification (3rd Edition)***  
 This East African Standard specifies the requirements and sectional properties of cold rolled steel sections of thickness of 1 mm to 8 mm for use in structural and general engineering applications.

ICS 77.140.01 HS 7208.10.00 to HS 7212.60.00 26 pages

**113. EAS 135: 2012, Steel wire products for fencing — Specification**

This East African Standard specifies requirements for steel wires and wire products used for fencing purposes.

ICS 77.140.65 HS 7217.00.00 23 pages

**114. EAS 137-1: 2000, PVC Insulations and sheaths of electric cables and cords — Specification — Part 1: Physical and electrical requirements**

This Part of this East African Standard specifies the physical and electrical requirements for the types PVC insulation and sheaths of electric cables given in table 1. The relevant test methods for verification of compliance are given in other parts of this standard.

ICS 29.035.20 HS 8546.90.00 12 pages

**115. EAS 137-2:2000, PVC Insulations and sheaths of electric cables and cords — Specification Part 2: Methods of measurement of thickness and overall dimensions and determination of the mechanical properties**

This Part 2 of this East African Standard specifies the methods for measuring the thickness and overall dimensions and for determining the mechanical properties of PVC insulating and sheathing materials of electric cables and cords for power distribution and telecommunications covered in Part 1.

ICS 29.035.20 HS 8546.90.00 18 pages

**116. EAS 137-3: 2000, PVC insulations and sheaths of electric cables and cords — Specification — Part 3: Thermal-ageing methods**

This Part 3 of this East African Standard gives thermal ageing methods which apply to PVC insulating and sheathing materials of electric cables and cords for power distribution and telecommunications covered in Part 1.

ICS 29.035.20 HS 8546.90.00 12 pages

**117. EAS 137-4: 2000, PVC insulations and sheaths of electric cables and cords — Specification — Part 4: Loss of mass test and thermal stability test**

This Part 4 of this East African Standard specifies the methods for loss of mass test and thermal stability test which apply to PVC insulating and sheathing materials of electric cables and cords for power distribution and telecommunications covered in Part 1.

ICS 29.035.20 HS 8546.90.00 7 pages

**118. EAS 137-5: 2000, PVC insulations and sheaths of electric cables and cords — Specification — Part 5: Pressure test at high temperatures and test to resistance to cracking**

This Part 5 of this East African Standard specifies the methods of pressure test at high temperature and of tests for resistance to cracking which apply to PVC insulating and sheathing materials of electric cables and cords for power distribution and telecommunications covered in Part 1.

ICS 29.035.20 HS 8546.90.00 1 pages

**119. EAS 137-6: 2000, PVC Insulations and sheaths of electric cables and cords — Specification — Part 6: Tests at low temperature**

This Part 6 of this East African Standard specifies the methods of tests at low temperature which apply to PVC insulating and sheathing materials of electric cables and cords for power distribution and telecommunications covered in Part 1.

ICS 29.035.20 HS 8546.90.00 12 pages

**120. EAS 137-7:2000, PVC Insulations and sheaths of electric cables and cords — Specification — Part 7: Hot deformation test**

This Part 7 of this East African Standard specifies the method of hot deformation test which applies to PVC insulating and sheathing materials of electric cables and cords for power distribution and telecommunications covered in Part 1.

ICS 29.035.20 HS 8546.90.00 5 pages

**121. EAS 138: 2019 Still table wine — Specification (3rd edition)**

This East African Standard specifies the requirements, sampling and test methods for still table wine prepared from grapes or other fruits.

ICS 67.160.10 HS 2204 29.00 5 pages

**122. EAS 139: 2018- Fortified wine — Specification (3rd Edition)**

This East African Standard specifies the requirements and methods of sampling and test for fortified wine.

ICS 67.160.10 HS 2204 29.00 5 pages

**123. EAS 140: 2018- Sparkling wine — Specification (3rd Edition)**

This East African Standard specifies the requirements and methods of sampling and test for sparkling wine

ICS 67.160.10 HS 2204 29.00 5 pages

**124. EAS 141: 2018- Whisky — Specification (3rd Edition)**

This East African Standard specifies the requirements and methods of sampling and test for whisky (whiskey).

ICS 67.160.10 HS 2208.30.00 4 pages

**125. EAS 142: 2018- Vodka — Specification (3rd Edition)**

This East African Standard specifies the requirements and methods of test and sampling for vodka.

ICS 67.160.10 HS 2208.60.00 4 pages

**126. EAS 143: 2018- Brandy — Specification (3rd Edition)**

This East African Standard specifies the requirements and method of sampling and test for brandy.

ICS 67.160.10 HS 2208.20.10 4 pages

**127. EAS 144: 2018- Neutral spirit — Specification (3rd Edition)**

This East African Standard specifies the requirements and method of sampling and test for neutral spirit intended for use in the manufacture or blending of alcoholic beverages.

ICS 67.160.10 HS 2208 90.90 4 pages

**128. EAS 145: 2018- Gin — Specification (3rd Edition)**

This East African Standard specifies the requirements and methods of sampling and test for gin

ICS 67.160.10 HS 2208.50.10 4 pages

**129. EAS 146: 2018- Rum — Specification (3rd Edition)**

This East African Standard specifies the requirements and methods of sampling and test for rum.

ICS 67.160.10 HS 2208.40.10 4 pages

**130. EAS 147-1:2019 Vinegar from natural sources (2nd Edition)**

This East African Standard specifies requirements, sampling and test methods for vinegar from natural sources intended for human consumption. .

ICS 67.220.20 HS 2209.00.00 6 pages



- 131. EAS 147-2:2019 Vinegar from artificial sources (2nd Edition)**  
 This East African Standard specifies requirements, sampling and test methods for vinegar from artificial sources for human consumption.  
 ICS 91.100 HS 2523.00.00 28 pages
- 132. EAS 148-1-2017: Cement — Test methods — Part 1: Determination of strength (2<sup>nd</sup> edition)**  
 This East African Standard describes the method for the determination of the compressive and, optionally, the flexural strength of cement mortar. The method applies to common cements and to other cements and materials and is used for assessing whether the compressive strength of cement is in conformity with its specification and for validation testing of standard sand, or alternative compaction equipment. This standard describes the reference equipment and procedure and allows alternative compaction equipment and procedures to be used provided that they have been validated in accordance with the appropriate provisions in this standard. In the event of a dispute, only the reference equipment and procedure are used.  
 ICS 91.100 HS 2523.00.00 28 pages
- 133. EAS 148-2-2017: Cement — Test methods — Part 2: Chemical analysis (2<sup>nd</sup> edition)**  
 This East African standard specifies the methods for the chemical analysis of cement. The East African Standard describes the reference methods and, in certain cases, an alternative method which can be considered to be equivalent. In the case of dispute, only the reference methods are used. The East African Standard also describes methods which apply principally to cements, but which can also be applied to their constituent materials and other materials.  
 ICS 91.100 HS 2523.00.00 67 pages
- 134. EAS 148-3-2017: Cement — Test methods — Part 3: Determination of setting times and soundness (2<sup>nd</sup> edition)**  
 This East African Standard specifies the methods for determining standard consistence, setting times and soundness of cements. The method applies to common cements and to other cements and materials. This East African Standard describes the reference methods and allows the use of alternative procedures and equipment provided that they have been calibrated against the reference methods.  
 ICS 91.100; HS 2523.00.00 11 pages
- 135. EAS 148-4-2017: Cement — Test Methods — Part 4: Quantitative determination of constituents (2<sup>nd</sup> edition)**  
 This East African standard describes the procedures for determining the contents of the most of the constituents of cements that fall within the scope of EAS 18-1.  
 ICS 91.100 ; HS 2523.00.00 29 pages
- 136. EAS 148-5-2017: Cement — Test methods — Part 5: Pozzolanicity test for pozzolanic cements**  
 This East African standard specifies the method of measuring the pozzolanicity of pozzolanic cements conforming to EAS 18-1.  
 This East African Standard does not apply to Portland pozzolana cements or to pozzolanas.  
 ICS 91.100; HS 2523.00.00 8 pages
- 137. EAS 148-6-2017: Cement — Test methods — Part 6: Determination of fineness**  
 This East African standard describes three methods (sieving, air-jet and air permeability methods) for determining the fineness of cement and applies to all the cements defined in EAS 18-1.  
 ICS 91.100 HS 2523.00.00 17 pages
- 138. EAS 148-7-2017: Cement — Test methods — Part 7: Methods of taking and preparing samples**

This East African Standard describes the equipment to be used, the methods to be followed and the provisions to be complied with for taking samples of cement representative of given lots for testing to assess the quality of products prior to, during or after delivery. The provisions of this East African Standard are only applicable when samples of cement are requested for verifying the compliance.

ICS 91.100; HS 2523.00.00 14 pages

**139. EAS 148-8-2017: Cement — Test methods— Part 8: Heat of hydration – Solution method**

This East African standard lays down the methods for determining the heat of hydration by means of solution calorimetry, also known as the solution method. The heat of hydration is expressed in joules per gram of cement. This East African Standard is applicable to cements and hydraulic binders whatever their chemical composition.

ICS 91.100 HS 2523.00.00 11 pages

**140. EAS 149: 2000, Carbon dioxide for beverages industry — Specification**

This East African Standard prescribes the requirements and methods of test for carbon dioxide used for the carbonation of beverages. It does not apply to the following: a) carbon dioxide used for fire extinguishers, refrigeration, inflation rafts, welding applications and other general commercial purposes; and b) material intended for medical use.

ICS 67.160.20 HS 2811.21.00 4 pages

**141. EAS 151: 2000, Hazard analysis critical control points (HACCP)**

This East African Standard lays down the basic requirements for implementing the requirements for Hazard Analysis Critical Control Programme (HACCP) for a food-processing establishment so as ensure safe production of products as required by the relevant East African Standard

ICS 67.020 HS 0200; HS 0300; HS 0400; HS 0700; HS 0800; HS 0900; HS 1000; HS 1100; HS 1200; HS 1500; HS 1600; HS 1700; HS 1800; HS 1900; HS 2000; HS 2100; HS 2200; HS 2300; HS 2501; HS 3300; HS 3500 15 pages

**142. EAS 152: 2000, Total volatile bases — Nitrogen method of analysis**

This method describes a reference procedure for identifying the Nitrogen concentration of volatile nitrogenous bases (Total-Volatile Base-N: TVB-N) in fish and fish products. The procedure is applicable to TVB-N concentrations from 5 mg/100 g to at least 100 mg/100 g

ICS 67.120.30 HS 0302.00.00; HS 0303.00.00; HS 0304.00.00; HS 0305.00.00; HS 0306.00.00; HS 0307.00.00 3 pages

**143. EAS 153:2018, Packaged drinking water — Specification**

This East African Standard specifies requirements, sampling and test methods for packaged drinking water for direct human consumption. This standard applies to drinking water, carbonated drinking /sparkling drinking water and alkaline drinking water

ICS 13.060.20 HS 2201.90.90 16 pages

**144. EAS 154:2018, Baby napkins — Specification (2nd Edition)**

This East African Standard specifies the requirements, sampling and test methods for baby napkins.

ICS 59.080.30 HS 4818.40.90 [HS 4818.40.4030] 4 pages

**145. EAS 155-1: 2000, Cotton yarns — Specification — Part 1: Grading by appearance**

This East African Standard specification describes methods for grading of cotton yarns by appearance. This standard specification applies to single spun grey cotton yarns. It does not apply to single spun slub yarns or piled yarns.

ICS 59.080.20 HS 5205; HS 5206; HS 5207 5 pages

**146. EAS 156-1:2000, Woven bags from natural fibres — Specification — Part 1: Woven bags for cereals**

This East African Standard specifies the constructional and performance requirements of woven bags made from natural fibres to contain 90 kg load of any type of cereal or pulses. It also prescribes the packing and marking requirements of a bale containing the bags, ready for dispatch.

ICS 59.080.30 HS 6305.10.00; HS 6305.20.00; HS 6305.32.00; HS 6305.90.00 6 pages

**147. EAS 156-2: 2000, Woven bags from natural fibres — Specification — Part 2: Woven bags for milled products**

This East African Standard specifies the bag cloth and making-up requirements for woven bags made from natural fibres for packing and storage of milled products.

ICS 59.080.30 HS 6305.10.00; HS 6305.20.00; HS 6305.32.00; HS 6305.90.00 3 pages

**148. EAS 156-3: 2000, Woven bags from natural fibres — Specification — Part 3: Woven bags for sugar**

This East African Standard specifies minimum requirements and other particulars of natural fibre bags made from sisal, jute or kenaf for the packaging of sugar.

ICS 59.080.30 HS 6305.10.00; HS 6305.20.00; HS 6305.32.00; HS 6305.90.00 7 pages

**149. EAS 158: 2019 Automotive gasoline (Premium motor spirit) — Specification (3rd edition)**

This East African Standard specifies requirements and methods of sampling and test for automotive gasoline, Premium Motor Spirit (PMS), also commonly known as petrol, for use in spark ignition engines, including those equipped with devices to reduce emitted pollutants. **The standard applies to PMS as manufactured, stored, transported and marketed.**

ICS 75.160.20 HS 2710.12.10(regular); HS 2710.12.20(premium) 7 pages

**150. EAS 159: 2000, Engine oils — Specification**

This East African standard covers crankcase-lubricating oils, for automotive type internal combustion engines, meeting or exceeding the, API service classification.

a)"SF" for gasoline engines;

b)"CD" for diesel engines.

The standard does not cover the chemical requirements for oils as these vary with the type of additive used in the formulation of particular oil for a particular category.

NOTE Requirements that should be specified by the purchaser and those that should be agreed upon are listed Annex A

ICS 75.100 HS 2710.19.51 11 pages

**151. EAS 166: 2000, Wood poles for power and telecommunications lines - Specification - Part 1: Eucalyptus**

This East African Standard specifies requirements for wood poles for power transmission and telecommunication overhead lines.

ICS 79.080 HS 4403.10.00 12 pages

**152. EAS 168: 2014, Junction boxes for use in electrical installations — Specification (2<sup>nd</sup> Edition)**

This East African Standard specifies requirements and methods of sampling and test for junction boxes of surface or flush mounting types for use in fixed wiring installations. This East African Standard applies to junction boxes used in a.c. and d.c. circuits where the rated voltage does not exceed 250 V and where the conductors are not subject to mechanical tension in normal use. It covers junction boxes having fixed terminals with capacity for cable conductors up to 10 mm<sup>2</sup>. It does not apply to junction boxes for use in conditions where special protection against the ingress of dust or moisture is required..

ICS 29.120.10 HS 8536 90 30 20 pages

**153. EAS 173: 2004, Pasta — Specification [2<sup>nd</sup> Edition]**

This East African Standard prescribes the requirements and methods of test for pasta products.

ICS 67.060      HS 1902.00.00 14 pages

**154. EAS 174: 2000, Concentrated black currant concentrate (preserved exclusively by physical means) — Specification**

This East African standard prescribes the specifications for black currant concentrate preserved exclusively by physical means. For the purpose of this standard and at this time preservation by physical means shall not include ionizing radiation.

ICS 67.080.10; 67.160.20      HS 2009.80.00 6 pages

**155. EAS 175: 2002, Black current juice (preserved exclusively by physical means) — Specification**

This East African Standard prescribes the specifications for black currant juice preserved exclusively by physical means. For the purposes of this standard and at this time, preservation by physical means should not include ionizing radiation.

ICS 67.080.10; 67.160.20      HS 2009.80.00 8 pages

**156. EAS 176-1: 2000, Aluminium hollow-ware uncoated utensils — Specification — Part 1: Sufurias and lids**

This standard specifies the materials construction and preferred sizes of domestic aluminium sufurias.

ICS 97.040      HS 7615.20.00 5 pages

**157. EAS 177: 2019 Automotive gas oil (automotive diesel)—Specification (3rd edition)**

This East African Standard specifies the requirements, methods of sampling and test for automotive gas oil, AGO (automotive diesel) as manufactured, stored, transported and marketed.

ICS 75.160.20      HS 2710.19.31 5 pages

**158. EAS 178-1: 2007, Flexible PVC conduits for electrical wiring — Specification — Part 1: Plain conduits**

This East African Standard specifies requirements for plain flexible conduits, made of PVC material, or any other suitable material. The conduits are intended for the mechanical protection of insulated electrical conductors, where flexibility during use is required. It specifies all the internationally agreed sizes up to 50 mm diameter.

ICS 29.120.10      HS 8546.90.00; HS 8547.20.00; HS 8546.90.10 15 pages

**159. EAS 178-2: 2007, Flexible PVC conduits for electrical wiring — Specification — Part 2: Corrugated conduits**

This Part 2 of this East African Standard specifies requirements for flexible corrugated conduits of insulating materials. The conduits are intended for the mechanical protection of insulated electrical conductors, where flexibility during use is required. The standard specifies all the internationally agreed sizes up to 50 mm diameter.

ICS 29.120.10      HS 8546.90.00; HS 8547.20.00; HS 8546.90.10 14 pages

**160. EAS 181: 2000, Fuel tank assembly for automotive vehicle — Safety requirements**

This East African Standard covers the safety requirements for the integrity and security of fuel tanks, fuel tank filters, delivery pipes and fuel tank connections, used on automotive vehicles to minimise fire hazards resulting from fuel spillage during and after crash and/or collision. This East African Standard applies to motor cars, mini-buses, motor omni buses, heavy commercial vehicles, commercial vehicles and special types of motor vehicles.

ICS 43.060.40      HS 8708.99.00 3 pages

**161. EAS 185: 2000, Papain — Specification**

This Standard prescribes the requirements and methods of test for Papain.

ICS 67.080.10      HS 3507.90.00 9 pages

- 162. EAS 186: 2013, Toilet soap — Specification**  
This East African Standard specifies requirements, sampling and test methods for toilet soap. It does not apply to carboric soap or specialty soaps such as medicated soap, transparent soap, floating soap, liquid soap or sea-water soap
- ICS 71.100.40 HS 3401.11.00 6 pages
- 163. EAS 188: 2000, Machetes — Specification**  
This East African Standard applies to general purposes panga or curved blade, straight blade and tapered blade.
- ICS 25.100.30 HS 8201.90.00 8 pages
- 164. EAS 196: 2013, High-strength low-alloy Carbon Steel for hot rolled sheet and cold rolled sheet — Specification**  
This East African Standard specifies the requirements for steel sheet in coils and cut lengths. It applies to the carbon steel and high-strength, low-alloy steel (HSLA) supplied as hot-rolled sheet and cold-rolled sheet. This East African Standard is not applicable to hot-rolled, heavy-thickness carbon sheet coils. In case of any conflict in requirements, the requirements of the individual material specification shall prevail over those of the general specification. For the purposes of determining conformance with this specification and the various material specifications, values shall be rounded to the nearest unit in the right-hand place of figures used in expressing the limiting values.
- ICS 77.140.01 HS 7208.10.00 to HS 7212.60.00 26 pages
- 165. EAS 198: 2001, General requirements for the supply of metallurgical materials**  
This East African Standard provides general requirements for the supply of metallurgical materials. This East African Standard does not cover all the other provisions relating to a contract which should be separately agreed between the contracting parties.
- ICS 77.180.01 HS 7200; HS 7300; HS 7400; HS 7500; HS 7600; HS 7800; HS 7900; HS 8000; HS 8100 3 pages
- 166. EAS 203:2014, Boxes for enclosure of electrical accessories — Specification (2nd Edition)**  
This East African Standard specifies requirements and methods of test for boxes intended to contain one or more electrical accessories and to be recessed into a wall, ceiling or similar flat-surfaced structure..
- ICS 29.120.99 HS 8538.10.00 24 pages
- 167. EAS 205: 2014, Controls for heating units in household electric ranges — Specification (2<sup>nd</sup> edition)**  
This East African Standard specifies requirements for control units for domestic electric ranges.
- ICS 97.030 HS 8516.60.00 11 pages
- 168. EAS 206: 2001, Hot rolled steel sheets for the manufacture of low pressure gas cylinders — Specification**  
This East African Standard covers the requirements for deep drawing quality hot-rolled steel sheets for the manufacture of low pressure gas cylinders.
- ICS 77.140.30 HS 7311.00.00 4 pages
- 169. EAS 208: 2001, Radiographic image quality indicators for non-destructive testing — Principles and identification**  
This East African Standard defines the characteristics of image quality indicators for non-destructive testing used in radiography and specifies the symbols which allow the identification of these indicators. Notwithstanding that the basic experience was based on radiography of steel, this standard is intended for general application on all metals. However, for particular materials (for example, aluminium and its alloys) complementary International Standards may be issued.

ICS 19.100 HS 7200; 7300; 7400; 7500; 7600; 7800; 7900; 8000; 8100 4 pages

**170. EAS 220:2018, Knitted polyester fabric — Specification (2nd Edition)**

This East African Standard specifies the requirements, sampling and test methods for knitted polyester fabric for apparel purposes.

ICS 59.080.30 HS 6006.31.00 4 pages

**171. EAS 221: 2001, Woven bags (100 percent sisal) for clean coffee beans — Specification**

This East African Standard specifies the requirements for woven bags (100 per cent sisal) for clean coffee beans.

ICS 55.080 HS 6305.39.00; HS 6305.90.00 4 pages

**172. EAS 222:2018, Knitted polyester/cellulosic blended fabric — Specification (2nd Edition)**

This East African Standard specifies the requirements, sampling and test methods for knitted polyester-cellulosic blended fabric for apparel purposes.

**173. EAS 223: 2001, Zipper — Specification**

This East African standard specifies performance requirements for zippers made from interlocking components mounted on textile tapes.

ICS 61.040 HS 9607.11.10(metal); HS 9607.19.10(other) 14 pages

**174. EAS 224:2018, Cotton khanga — Specification (2nd Edition)**

This East African Standard specifies the requirements, sampling and test methods for cotton khanga.

ICS 59.080.30 HS 5208.51.10; HS 5208.52.10; HS 5209.51.10; HS 5210.51.10; HS 5211.51.10; HS 5212.15.10 5 pages

**175. EAS 225-1:2018, Umbrella fabrics — Specification — Part 1 Cotton fabrics (2nd Edition)**

This East African standard specifies the requirements, sampling and test methods for woven umbrella fabrics composed of cotton fibres.

ICS 59.080.30 HS 5208.59.00 3 pages

**176. EAS 225-2: 2018, Umbrella fabrics — Specification — Part 2 Man-made fibre fabric (2nd Edition)**

This East African standard specifies the requirements, sampling and test methods for woven umbrella fabrics composed of man-made fibres.

ICS 59.080.30 HS 5407.10.14 4 pages PGr 1

**177. EAS 225-3: 2018, Umbrella fabrics — Specification — Part 3 Silk fabrics (2nd Edition)**

This East African Standard specifies the requirements, sampling and test methods for woven umbrella fabrics made of silk fibres.

ICS 59.080.30 HS 5007.90.00 4 pages

**178. EAS 226:2018, Kitenge — Specification (2nd Edition)**

This East African Standard specifies the requirements, sampling and test methods for Kitenge.

ICS 59.080.30 HS 5208.51.10; HS 5208.52.10; HS 5209.51.10; HS 5210.51.10; HS 5211.51.10; HS 5212.15.10 4 pages

**179. EAS 227:2018, Knitted cotton fabric — Specification (2nd Edition)**

This East African Standard specifies the requirements, sampling and test methods for knitted cotton fabric suitable for apparel purposes.

ICS 59.080.30 HS 6001.10.10; HS 6001.21.00; HS 6001.91.00 4 pages

**180. EAS 228:2018, Cotton bed sheets — Specification (2nd Edition)**

This East African Standard specifies the requirements, sampling and test methods for bed sheets made from cotton fabrics. This standard applies to finished bed sheets made from bleached fabrics, printed fabrics, dyed fabrics and dyed and printed fabrics.

**181. EAS 229: 2001, *Crepe bandages — Specification***

This East African Standard specifies requirements for crepe bandages used for surgical dressings.

ICS 59.080.30 HS 3005.90.40 5 pages

**182. EAS 230: 2001, *Maize bran as animal feed — Specification***

This East African Standard prescribes the requirements for maize bran as a livestock feed.

ICS 65.120 HS 2302.10.10 2 pages

**183. EAS 231: 2001, *Bone meal for compounding animal feeds— Specification***

This East African Standard prescribes the requirements for bone meal used as a mineral supplement in animal feeds.

ICS 65.120 HS 2301.20.90 2 pages

**184. EAS 232: 2001, *Maize gluten feed — Specification***

This East African Standard prescribes the requirements for maize gluten feed used for livestock feeding.

ICS 65.120 HS 2303.10.00; HS 2303.10.10 2 pages

**185. EAS 233: 2001, *Ostrich feed — Specification***

This East African Standard specifies the requirements and test methods for ostrich feed.

ICS 65.120 HS 2309.90.10; HS 2309.90.20 3 pages

**186. EAS 236: 2001, *Method for determination of colourfastness of textile materials to dry cleaning***

This East African standard prescribes a method for the determination of colourfastness of textile materials of all types and in all forms to drycleaning. This test covers colourfastness to drycleaning only; commercial drycleaning practice normally involves other operations such as water spotting, solvent spotting, steam pressing, etc. It is not suitable for the evaluation of the durability of textile finishes, nor is it intended for use in evaluating the resistance of colours to spot and stain removal procedures used by the drycleaner.

ICS 59.080.01 HS 5000; HS 5100; HS 5200; HS 5300; HS 5400 to HS 6700 4 pages

**187. EAS 246: 2001, *Method for determination of added oil content of sisal or jute yarn or fabri***

This East African Standard describes a method for determination of added oil content of sisal or jute yarn or fabric or a combination of sisal and jute fabric.

ICS 59.080.30 HS 5303; HS 5304 5 pages

**188. EAS 252: 2007, *Textile fabrics — Method for determination of water repellency of fabrics by cone test***

This East African Standard prescribes a method for determining the water repellency of fabrics (permeable as well as non-permeable to air) by cone test.one.

ICS 59.080.30 HS 5000; HS 5100; HS 5200; HS 5300; HS 5400 to HS 6700 5 pages

**189. EAS 253-1:2018, *Code of practice for grading of textile materials — Part 1 Fabrics (2nd Edition)***

This East African Standard specifies requirements for grading of textile fabrics. This standard applies to both woven and knitted fabrics.

ICS 59.080.30 HS 5000; HS 5100; HS 5200; HS 5300; HS 5400 to HS 6700 5 pages

- 190. EAS 256: 2001, Method for determination of scouring loss in grey and finished cotton textile materials**  
 This East African Standard describes two methods for determining the scouring loss (loss in mass on scouring) of grey and finished cotton textile materials. The methods apply to grey and finished cotton textile materials wherein only starch or tamarind kernel powder or both, and water-soluble or easily removable finishing agents, such as fats, and china clay have been used and which would normally be removed during the scouring process. The test specimen is taken and its moisture content is determined. Another test specimen is scoured, washed and its oven-dry mass is determined. The scouring loss is calculated on the basis of oven-dry mass of the test specimen. Samples shall be selected so as to be representative of the lot. Samples drawn in accordance with the procedure laid down in the specification of the material shall be taken as representative of the lot.  
 ICS 59.080.20 HS 5000; HS 5100; HS 5200; HS 5300; HS 5400 to HS 6700 4 pages
- 191. EAS 257: 2001, Methods for estimation of moisture total size for finish, ash, fatty matter and determination of water-soluble matter in textiles**  
 This East African Standard prescribes methods for estimating moisture, total size or finish, ash, fatty matter and determination of water-soluble matter in textile materials.  
 ICS 59.060.10; 59.080.20; 59.080.30 HS 5000; HS 5100; HS 5200; HS 5300; HS 5400 to HS 6700 11 pages
- 192. EAS 260: 2007, Zippers — Glossary of terms**  
 This standard covers terms or meanings used in the Zipper Industry.  
 ICS 01.040.61; 61.040 HS 9607.00.00 11 pages
- 193. EAS 282: 2002, Durum wheat semolina — Specification**  
 This East African Standard prescribes the requirements and methods of sampling and test for semolina. The standard applies to durum wheat semolina for human consumption prepared from durum wheat (*Triticum durum* desf), prepackaged ready for sale to the consumer or destined for use in other food products. This East African Standard does not apply to any product prepared from common wheat (*Triticum aestivum* L) or club wheat (*Triticum compactum* host) or mixtures thereof, or to mixtures of these wheats in combination with durum wheat (*Triticum durum* desf) and durum wheat semolina for non-food industrial or animal feed use.  
 ICS 67.060 HS 1103.11.00 4 pages
- 194. EAS 283: 2002, Finger millet flour — Specification**  
 This East African Standard specifies requirements for flour for human consumption, which is obtained from pearl millet *Pennisetum americanum* (variety 'souna' and 'sanoo'), pros millet (*Penicum mallaceum*), finger millet (*Eleusine coracona*).  
 This standard does not apply to grits or coarse grain obtained from millet mentioned in 1.1.  
 ICS 67.060 HS 1102.90.00 4 pages
- 195. EAS 284: 2013, Pearl millet grains — Specification**  
 This East African Standard specifies the requirements and methods of sampling and test for whole and decorticated pearl millet of the Senegalese varieties (cultivars) "souna" and "sanio" grown from *Pennisetum glaucum* (L.) R.Br. intended for human consumption  
 ICS 67.060 HS 1008.20.00 [HS 1008.20.29] 5 pages
- 196. EAS 286-1: 2002, Cutflowers and Cutfoliage — Part 1: Fresh cutflowers — Specification**  
 This East African Standard specifies common quality requirements for fresh cutflowers for export and local markets.  
 ICS 65.020.20 HS 0603.10.00 3 pages
- 197. EAS 287: 2002, Oil seed cakes for compounding livestock feeds — Specification**



This East African Standard specifies requirements for oil-seed cakes used as livestock feedstuffs.  
The East African Standard covers cakes from oil-seeds produced by hydraulic process, and expeller process.

ICS 65.120 HS 2304(soya); HS 2305(groundnut); HS 2306(others) 4 pages

**198. EAS 290-2: 2002, *Polishes — Specification — Part 2: Floor polish solvent type (liquid and paste)***

This Part 2 of this East African Standard prescribes the requirements and the methods of test for solvent-based floor polishes (liquid and paste).

ICS 97.080 HS 3405.20.00; HS 3405.40.00; HS 3405.90.00 5 pages

**199. EAS 290-3: 2002, *Polishes — Specification — Part 3: Floor polish water emulsion buffable type***

This specification prescribes requirements and methods of test for water emulsion floor polish buffable type.

ICS 71.100 HS 3405.20.00; HS 3405.40.00 4 pages

**200. EAS 293-1: 2007, *Road marking materials — Part 1: Physical properties***

This East African Standard specifies the laboratory requirements and test methods for retro reflective and other road marking materials, both permanent and temporary

ICS 87.060 HS 3208.00.00 15 pages

**201. EAS 294: 2001, *Scouring powders — Specification***

This East African Standard specifies requirements and methods of test for synthetic household detergent scouring powder for the removal of tenacious soil from hard surfaces and kitchen utensils.

ICS 71.100.40 HS 3401.19.00 8 pages

**202. EAS 295: 2002, *Sodium hypochlorite solutions for domestic use — Specification***

This East African Standard specifies requirements for dilute solutions of sodium hypochlorite intended for domestic use.

ICS 71.100.40 HS 3401.19.00 7 pages

**203. EAS 294: 2001, *Scouring powder — Specification***

This East African Standard specifies requirements and methods of test for synthetic household detergent scouring powder for the removal of tenacious soil from hard surfaces and kitchen utensils.

ICS 71.100.40 HS 3401.19.00 8 pages

**204. EAS 295: 2002, *Sodium hypochlorite solutions for domestic use — Specification***

This East African Standard specifies requirements for dilute solutions of sodium hypochlorite intended for domestic use.

ICS 71.100.40 HS 3402.19.00 7 pages

**205. EAS 296: 2011, *Liquid household hand dishwashing and light duty detergents — Specification***

This East African Standard specifies requirements for liquid detergent for household dishwashing. It does not cover detergent for machine dishwashing and multipurpose cleaning.

ICS 71.100.40 HS 3402.11.00; HS 3402.12.00; HS 3402.13.00; HS 3402.19.00 13 pages

**206. EAS 297: 2013, *Edible soya bean oil — Specification***

This East African Standard specifies the requirements and methods of sampling and test for edible soya bean (soybean) oil derived from soya beans (seeds of *Glycine max* (L) Merr).

This standard does not apply to soya bean oil intended for further processing in order to render it suitable for human consumption.

ICS 67.200 HS 1507.90.10 7 pages

**207. EAS 298: 2002, *Edible cotton seed oil — Specification***

This East African standard prescribes the specifications for edible cottonseed oil intended for human consumption. The standard does not apply to cottonseed oil, which must be subject to further processing in order to render it suitable for human consumption.

ICS 67.200.10 HS 1512.19.00; HS 1512.29.00 9 pages

**208. EAS 299: 2013, *Edible sunflower oil — Specification***

This East African Standard specifies the requirements and method of sampling and test for edible sunflower oil derived from the seeds of *Helianthus annuus* L intended for human consumption. The standard does not apply to sunflower oil, intended for further processing in order to render it suitable for human consumption.

ICS 67.200.10 HS 1512.19.00; HS 1512.29.00 7 pages

**209. EAS 300: 2013, *Edible groundnut oil — Specification***

This East African Standard specifies the requirements and methods of sampling and test for edible groundnut oil derived from seeds of *Arachis hypogaea* L. (groundnuts, peanuts). The standard does not apply to groundnut oil intended for further processing in order to render it suitable for human consumption

ICS 67.200.10 HS 1508.90.00 7 pages

**210. EAS 301: 2013, *Edible palm oil — Specification***

This East African standard specifies requirements and methods of sampling and test for virgin and refined edible palm oil derived from fruit (mesocarp) of the palm (*Elaeis guineensis*). This standard does not cover crude palm oil subject to further processing in order to render it suitable for human consumption

ICS 67.200.10 HS 1511.10.00; HS 1511.90.00; HS 1511.90.90 7 pages

**211. EAS 302: 2013, *Edible palm kernel oil — Specification***

This East African Standard applies to edible palm kernel oil derived from groundnut seeds. The standard does not apply to palm kernel oil subject to further processing in order to render it suitable for human consumption.

ICS 67.200.10 HS 1513.29.00 7 pages

**212. EAS 304: 2013, *Edible corn oil — Specification***

This East African Standard specifies the requirements and methods of sampling and test for edible corn oil derived from the embryo (endosperm) of maize or corn (*Zea mays* L.). The standard does not apply to corn oil intended for further processing in order to render it suitable for human consumption

ICS 67.200.10 HS 1515.29.00 7 pages

**213. EAS 320: 2002, *Code of hygiene for transportation of edible fats and oils in bulk***

This Code of Practice applies to the handling, storage and transport of all crude or processed edible oils and fats in bulk.

ICS 67.200.10 HS 1501.00.00 to HS 1515.00.00; HS 1516.10.00; HS 1516.20.00 10 pages

ICS 67.200.10 HS 1501.00.00 to HS 1515.00.00; HS 1516.10.00; HS 1516.20.00 6 pages

**214. EAS 321:2018, *Edible Fats and Oils — Specification (2nd Edition)***

This East Africa Standard specifies the requirements, sampling and tests methods for edible fats and oils intended for human consumption. It does not apply to any fat or oil, which is a subject of specific East African Standard designated by specific name

ICS 67.200.10 HS 1501.00.00 to HS 1515.00.00; HS 1516.10.00; HS 1516.20.00 12 pages

**215. EAS 322: 2002, *Wood poles and blocks for power and telecommunication lines — Specification***

This East African Standard specifies materials and performance requirements for solid wood poles. The poles described herein are considered as simple cantilever members subject to transverse loads only.

ICS 79.080 HS 4403.10.00 14 pages

**216. EAS 323: 2002, *Specification for wood preservatives by means of pressure creosoting***

This East African Standard specifies methods that can be used for the preservation of wood by pressure creosoting and other methods of treatment with coal tar creosote.

ICS 71.100.50; 79.020 HS 2931.00.20; HS 2931.90.00 9 pages

**217. EAS 324: 2002, *Copper/Chromium/Arsenic composition for the preservation of timber — Method of timber treatment***

This East African Standard prescribes procedures for treatment of timber using water borne copper/chromium/arsenic (CCA) preservative formulations complying with EAS 326. It does not specify details of treatment relating to specific end uses for which reference to the relevant commodity specification should be made.

ICS 71.100.50; 79.020 HS 2931.20.00; HS 2931.90.00 12 pages

**218. EAS 325: 2002, *Wood preservatives and treated timber — Guide to sampling and preparation of wood preservatives and treated timber***

This East African Standard gives guidance on the general procedures to be followed in the sampling and preparation for analysis of preservatives and preservative-treated timber. No attempt has been made here to define rigidly any detailed methodology to be followed in operations in these areas because this can depend upon the nature of the preservative, the method of treatment, and the particular requirements of relevant approval authorities

ICS 71.100.50 HS 2931.20.00; HS 2931.90.00 13 pages

**219. EAS 326: 2002, *Copper/Chromium/Arsenic composition for preservation of timber — Specification***

This East African Standard, specifies requirements for two types of water-borne preservatives containing mixtures of compounds of copper (ii), chromium (vi) and arsenic (v).

ICS 71.100.50 HS 2931.20.00; HS 2931.90.00 5 pages

**220. EAS 327: 2002, *Barley for brewing — Specification***

This East African Standard prescribes requirements, methods of sampling and test for brewing barley.

ICS 67.060 HS 1003.00.90 22 pages

**221. EAS 329:2017, *Fresh mangoes — Specification***

This East African Standard specifies requirements, sampling and test methods for mango (*Mangifera indica* L.) from the family *Anacardiaceae* to be supplied fresh to the consumer. This standard does not apply to green preserving mango and mango for industrial processing

ICS 67.080.10 HS 0804.50.00 7 pages

**222. EAS 330: 2002, *Citrus fruits — Specification***

This East African standard prescribes requirements for citrus fruits to be supplied in the export market and specified local markets. It also stipulates requirements for handling, grading and

packaging of the produce. These fruits include: Cultivated fruits of the species *citrus sinensis* (oranges); Cultivated fruits of the species *citrus reticulata* Mandarins; Cultivated fruits of the species *citrus paradisi* (grapes); Cultivated fruits of the species *citrus limon* Lemons; and Cultivated fruits of the species *citrus aurantifolia* (lime).

ICS 67.080.10 HS 0805.00.00 6 pages

**223. EAS 331: 2019, Green gram- Specification (3rd Edition)**

This East African Standard specifies requirements, sampling and test methods for the dry whole grains of the green gram of *Vigna radiata* (L.) intended for human consumption.

ICS 67.060 HS 0713.31.00 5 pages 1

**224. EAS 332: 2002, Fresh capsiums — Specification**

This East African Standard for fresh capsiums prescribes requirements for *Capsicum annum* L., also known as sweet pepper, for local and export markets.

ICS 67.080.20 HS 0709.60.00 3 pages

**225. EAS 333: 2002, Edible sesame oil — Specification**

This East African standard prescribes the specifications for edible sesame oil intended for human consumption. The standard does not apply to sesame oil, which must be subject to further processing in order to render it suitable for human consumption.

ICS 67.200.10 HS 1515.50.00; HS 1515.90.00 7 pages

**226. EAS 334: 2013, List by category of cosmetic products**

This East African Standard lays down the list of products that are classified as cosmetics.

ICS 71.100.70 HS 3302; HS 3303; HS 3304; HS 3305; HS 3306; HS 3307 2 pages

**227. EAS 335: 2013, Cologne — Specification**

This East African Standard specifies the requirements and methods of test for cologne intended for human use. This East African Standard shall also apply to toilet waters, lavender waters and all alcohol-based fresheners.

ICS 71.100.70 HS 3303 00 00 4 pages

**228. EAS 336: 2013, Chemical depilatories — Specification**

This East African Standard specifies the requirements and methods of sampling and test for chemical depilatories of alkaline-thioglycollic acid composition. This East African Standard does not cover depilatories of epilatory type and those having metallic sulphides or stannite composition.

ICS 71.100.70 HS 3307.90.00 7 pages

**229. EAS 337: 2013, Henna powder — Specification**

This East African Standard specifies the requirements, and methods of sampling and test for pure henna powder.

ICS 71.100.70 HS 3304.91.00 7 pages

**230. EAS 338: 2013, Chemical hair relaxers and hair waving products — Specification**

This East African Standard specifies requirements and methods of sampling and test for chemical hair relaxers and hair waving products. This East African Standard applies to chemical cream hair relaxers based on alkalis or thioglycollates, as well as hair waving (curling) products based on thioglycollates.

ICS 71.100.70 HS 3305.00.00 13 pages

**231. EAS 339: 2013, Hair creams, lotions and gels — Specification**

This East African Standard specifies the requirements and methods of sampling and test for hair creams, lotions and gels based on vegetable oil or mineral oil, or any combination of the above,

with fatty acids or fatty acid emulsions. It also applies to hair conditioners and setting lotions. This East African standard does not cover hair sprays, hair sheens or hair oils including hair creams, lotions and gels for which therapeutic claims are made.

ICS 71.100.70 HS 3305.00.00 7 pages

**232. EAS 340: 2013, Nail polish — Specification**

This East African Standard specifies the requirements and methods of test for nail polishes used for cosmetic purposes.

ICS 71.100.70 HS 3304.99.00 7 pages

**233. EAS 341: 2013, Nail polish removers — Specification**

This East African Standard specifies the requirements and methods of sampling and test for nail polishes used for cosmetic purposes

ICS 71.100.70 HS 3304.99.00 4 pages

**234. EAS 342: 2013, Pomades and solid brilliantines — Specification**

This East African Standard specifies requirements and methods of sampling and test for pomades and solid brilliantines for general use. It applies to pomades and solid brilliantines which are either vegetable oil or petroleum based but excludes oil emulsions. This East African standard does not cover liquid brilliantines.

ICS 71.100.70 HS 3305.00.00; HS 3305.90.00 14 pages

**235. EAS 343: 2004, Ball point pens — Specification**

This East African Standard prescribes the requirements and test methods for ball point pens. The standard apply to the following: a) Ballpoint pens with a retractable, non-replaceable refill; b) Ballpoints with retractable replaceable refill; c) Ballpoints pens with an non-retractable non-replaceable refill; d) Ballpoint pens with a non- retractable replaceable refill; and e) A direct refill.

ICS 97.180 HS 9608.10.00 5 pages

**236. EAS 344: 2004, Exercise books — Specification**

This East African Standard prescribes the requirements and methods of test for exercise books generally used in schools. The following types of exercise books are covered by the standard: a) Wire-stitched exercise; b) Bound exercise books; c) Wire-stitched drawing exercise books, and d) Wire-stitched map exercise books.

ICS 85.080 HS 4820.20.00 8 pages

**237. EAS 345: 2004, Toluene — Specification**

This East African Standard specifies requirements for toluene for use in paints, adhesive and printing inks.

ICS 71.080.15 HS 2707.20.00; HS 2902.30.00 6 pages

**238. EAS 346: 2013, Labelling of cosmetics — General requirements**

This East African Standard specifies requirements for the labelling of cosmetic products.

ICS 71.100.70 HS 3302; HS 3303; HS 3304; HS 3305; HS 3306; HS 3307 6 pages

**239. EAS 348: 2004, Glossary of terms used in confectionery trade**

This standard defines the various terms frequently used in the industries concerned with the confectionery trade.

ICS 01.040.67; 67.180.10 HS 1704.00.00 17 pages

**240. EAS 349: 2014 Liquid glucose (glucose syrup) – Specification (2<sup>nd</sup> Edition)**

This East African Standard specifies the requirements and the methods of sampling and test for liquid glucose (glucose syrup) for human consumption.

ICS 67.180.10 HS 1702.30.10 5 pages

**241. EAS 350: 2014 Hard-boiled sweets - Specification. (2<sup>nd</sup> Edition)**

This East African Standard specifies the requirements and the methods of sampling and test for hard-boiled sweets

ICS 67.180.10 HS 1704.90.00 8 pages

**242. EAS 351:2019 Toffee — Specification (2nd Edition)**

This East African Standard specifies requirements, sampling and test methods for toffee.

ICS 67.180.10 HS 1704.90.00 5 pages

**243. EAS 352: 2019 Chewing gum and bubble gum — Specification (3rd edition)**

This East African Standard specifies the requirements, sampling and test methods for chewing gum. This standard also applies to bubble gum.

ICS 67.180.10 HS 1704.10.00 6 pages

**244. EAS 353: 2004, Wheat bran — Specification**

This East African Standard prescribes requirements for wheat bran for use as animal feedstuff and or ingredient for compounding animal feeds.

ICS 67.060 HS 2302.30.00 2 pages

**245. EAS 354: 2004, Plastic containers for up to 5 litres capacity — Specification**

This East African Standard covers minimum requirements for plastic containers of nominal capacities up to and including 5 litres intended for storage of commodities other than explosives, compressed gases and radioactive materials.

ICS 55.100; 55.140 HS 3924.90.00 24 pages

**246. EAS 355: 2017, Toilet paper - Specification**

This East African Standards specifies the requirements, sampling and methods of test for toilet paper recycled or blended pulp.

ICS 85.080.20 HS 4803.00.00; HS 4818.10.00 10 pages

**247. EAS 356:2019, Textiles — Requirements for inspection and acceptance of used textile products (2nd Edition)**

This East African Standard specifies the requirements and sampling method for the inspection and acceptance of used textile products.

ICS 59.080.30 HS 6309.00.00 4 pages

**248. EAS 357: 2004, Pneumatic tyres for trucks and buses — Specification**

This East African Standard specifies tyre dimensions designation and marking requirements; and load ratings. It also gives laboratory test requirements for strength endurance for tyres primarily intended for trucks and buses.

ICS 83.160.10 HS 4011.00.00; HS 4011.20.00; HS 4011.20.10 (radial); HS 4011.20.90 (other) 29 pages

**249. EAS 358: 2004, Pneumatic tyres for passenger cars — Specification**

This East African Standard specifies tyre dimensions designation and marking requirements; and load ratings. It also gives laboratory test requirements for bead unseating resistance, strength, endurance and high- speed performance for tyres primarily intended for passengers.

ICS 83.160.10 HS 4011.00.00; HS 4011.20.00; HS 4011.20.10 (radial); HS 4011.20.90 (other) 35 pages

**250. EAS 359: 2004, Pneumatic tyres for light trucks — Specification**

This East African Standard specifies tyre dimensions, designation, marking requirements and load ratings. It also gives laboratory test requirements for bead unseating, strength and endurance performance for light truck tyres. This East African Standard also specifies sampling methods and disposition of non conforming tyres

ICS 83.160.10 HS 4011.00.00; HS 4011.20.00; HS 4011.20.10 (radial); HS 4011.20.90 (other) 35 pages

**251. EAS 360: 2004, *Pneumatic tyres for agricultural implements — Specification***

This East African Standard specifies tyre dimensions, designation and marking requirements and load ratings. It also gives laboratory test equipments for strength for tyres primarily intended for agricultural implements. All tyres however shall be subjected to visual inspection to ensure good workmanship. It includes the physical dimensions test for assessing the capability of the tyre, with respect to size and specified rims. The test methods presented in this East African Standard applies to all agricultural implement tyres. This East African Standard also specifies sampling methods, certification and disposal of non conforming tyres.

ICS 83.160.30 HS 4011.61.00; HS 4011.92.00 28 pages

**252. EAS 361: 2004, *Carbaryl dusting powders — Specification***

This East African Standard prescribes the requirements and the methods of test for carbaryl dusting powders.

ICS 71.100.99 HS 3304.91.00 5 pages

**253. EAS 363-2: 2005, *Solar photovoltaic power systems — Test procedures for main components — Part 2: Installation, maintenance, testing and replacement of batteries***

This East African Standard specifies the requirements and recommended practices for the installation, maintenance, testing, and replacement of secondary batteries for use with photovoltaic power systems.

This standard specifies requirements and installation for all types of batteries including lead-acid and nickel-cadmium and covers both vented and sealed cells.

ICS 27.160; 29.220.20 HS 8507.20.00(Pb); HS 8507.30.00(NiCd); HS 8507.40.00(NiFe); HS 8507.80.00 85 pages

**254. EAS 363-5: 2005, *Solar photovoltaic power systems — Test procedures for main components — Part 5: Test procedures for luminaires***

This Part 5 of EAS 363 specifies the test procedures for luminaires for use in photovoltaic systems.

ICS 27.160; 29.140.40 HS 8539.21.00(filament); HS 8539 31.00(Fluor); HS 8539.31.10(CFL); HS 8539.31.90 8 pages

**255. EAS 366: 2005, *Characteristic parameters of stand-alone photovoltaic (PV) systems***

This East African Standard defines the major electrical, mechanical and environmental parameters for the description and performance analysis of stand-alone photovoltaic systems. The parameters as listed are presented in a standard format for the purposes of procurement and performance analysis: measurement of short-term and long-term on-site photovoltaic system performance; comparison between on-site measured and projected performance, both extrapolated to standard test conditions (STC).

Specialized documents related to specific applications and/or to specific uses (designing, performance prediction and measurement) may be issued, if necessary.

ICS 27.160 HS 8541.40.00 [HS 8541.40.11] 10 pages

**256. EAS 367:2005, *Susceptibility of a photovoltaic module to accidental impact damage (resistance to impact test)***

This East African standard specifies a test to assess the susceptibility of a module to accidental impact damage.

ICS 27.160 HS 8541.40.00 [HS 8541.40.11] 2 pages

- 257. EAS 368: 2005, *Photovoltaic system performance monitoring — Guidelines for measurement, data exchange and analysis***  
 This East African Standard recommends procedures for the monitoring of energy-related PV system characteristics such as in-plane irradiance, array output, storage input and output and power conditioner input and output; and for the exchange and analysis of monitored data. The purpose of these procedures is to assess the overall performance of PV systems configured as stand-alone or utility grid-connected, or as hybridised with non-PV power sources such as engine generators and wind turbines. This standard may not be applicable to small standalone systems due to the relatively high cost of the measurement equipment.  
 ICS 27.160; 27.180      HS 8541.40.00 [HS 8541.40.11] 12 pages
- 258. EAS 369: 2005, *Crystalline silicon photovoltaic array-on-site measurement of I-V characteristics***  
 This East African Standard describes procedures for on-site measurement of crystalline silicon photovoltaic (PV) array characteristics and for extrapolating these data to Standard Test Conditions (STC) or other selected temperatures and irradiance values. Measurements of PV array I-V characteristics under actual on-site conditions and their extrapolation to Acceptance Test Conditions (ATC) can provide (see annex A and QC 001002): data on power rating; verification of installed array power performance relative to design specifications; detection of possible differences between on-site module characteristics and laboratory or factory measurements; detection of possible performance degradation of modules and arrays with respect to on-site initial data. For a particular module on-site measurements extrapolated to Standard Test Conditions (STC) can be directly compared with results previously obtained in laboratory or factory for that module, provided that in both measurements the reference devices have the same spectral and spatial response as described in the relevant IEC 60904. Data from on-site array measurements contain diode, cable and mismatch losses. Therefore, they are not directly comparable to the sum of the respective module data. If a PV array is formed with sub-arrays of different tilt, orientation, technology or electrical configuration, the procedure described here will be applied to each unique PV sub-array.  
 ICS 27.160      HS 8541.40.00 [HS 8541.40.11] 5 pages
- 259. EAS 374: 2005, *Audio, video and similar electronic apparatus — Safety requirements***  
 This East African Standard applies to electronic apparatus designed to be fed from the mains or from a supply apparatus and intended for reception, generation, recording or reproduction respectively of audio, video and associated signals. It also applies to apparatus designed to be used exclusively in combination with the above-mentioned apparatus. This standard concerns only safety aspects of the above apparatus; it does not concern other matters, such as style or performance.  
 ICS 97.020      HS 8518; HS 8519; HS 8520; HS 8521; HS 8522; HS 8526; HS 8527; HS 8528  
 106 Pages
- 260. EAS 377-1: 2013, *Cosmetics and cosmetic products — Part 1: List of substances prohibited in cosmetic products***  
 This East African Standard prescribes the chemical name, state and formulation under which specific use as substance, is prohibited in the cosmetic products.  
 This East African Standard applies only to cosmetic products and not to medicinal products, medical devices or biocidal products.  
 ICS 71.100.70      HS 3302; HS 3303; HS 3304; HS 3305; HS 3306; HS 3307      9 pages
- 261. EAS 377-2: 2013, *Cosmetics and cosmetic products — Part 2: List of substances which cosmetic products must not contain except subject to the restrictions laid down***  
 This East African Standard prescribes the list of substances which cosmetic products must not contain except subject to the restrictions laid down.  
 This East African Standard applies only to cosmetic products and not to medicinal products, medical devices or biocidal products.  
 ICS 71.100.70      HS 3302; HS 3303; HS 3304; HS 3305; HS 3306; HS 3307      9 pages



- 262. EAS 377-3: 2013, *Cosmetics and cosmetic products — Part 3: List of colorants allowed in cosmetic products***  
This East African Standard prescribes the list of colorants allowed in cosmetic products. This East African Standard includes the salts and lakes of substances and when a colorant is expressed as a specific salt, its other salts and lakes shall also be included.
- ICS 71.100.70 HS 3302; HS 3303; HS 3304; HS 3305; HS 3306; HS 3307 9 pages
- 263. EAS 377-4: 2013, *Cosmetics and cosmetics products — Part 4: List of preservatives allowed in cosmetic products***  
This East African Standard prescribes the list of preservatives allowed in cosmetic products.
- ICS 71.100.70 HS 3302; HS 3303; HS 3304; HS 3305; HS 3306; HS 3307 9 pages
- 264. EAS 377-5: 2013, *Cosmetics and cosmetic products — Part 5 List of UV filters allowed in cosmetic products***  
This East African Standard prescribes the list of UV filters allowed in cosmetic products.
- ICS 71.100.70 HS 3302; HS 3303; HS 3304; HS 3305; HS 3306; HS 3307 9 pages
- 265. EAS 383: 2013, *Synthetic organic liquid detergent for household use — Specification***  
This East African Standard prescribes the requirements and the method of sampling and test for synthetic liquid detergents for household use both for general purpose and dishwashing liquid detergent.
- ICS 71.100.40 HS 3402.13.00 11 pages
- 266. EAS 384: 2005, *Disinfectants — Glossary of terms***  
This East African Standard defines the terms used in the disinfectants industry. This will help to eliminate confusing terms in related specifications.
- ICS 71.100.35 HS 3307.90.00 3 pages
- 267. EAS 386: 2005, *Used footwear — Inspection and acceptance criteria — Code of practice***  
This East African Standard prescribes a Code of Practice for the inspection and acceptance criteria for used footwear. This Standard applies to used footwear of all types and sizes irrespective of their intended end use.
- ICS 61.060 HS 6309.00.00 5 pages
- 268. EAS 389-1: 2006, *Solar photovoltaic power systems — Design, installation operation monitoring and maintenance — Code of practice — Part 1: Design of solar PV power systems***  
This East African Standard specifies requirements for the design criteria for photovoltaic power systems. This East African Standard covers requirements for photovoltaic systems intended for use on buildings such as domestic, school, office and industrial building, and whose total output power does not exceed 12000 peak watts. This specification gives the requirements for: the components for photovoltaic systems as optimized for system sizes based on 12 V dc; and for the installation, commissioning, operation, inspection, monitoring and maintenance requirements for such systems. Typical sizes of photovoltaic systems for SHS are given in annex A of this standard. This standard emphasizes the optimization and functionality of the system with an in-built safety aspect at every stage.
- ICS 27.160 HS 8504.40.00; [HS 8504.40.10]; HS 8507.20.00(Pb); HS 8507.30.00(NiCd); HS 8507.40.00(NiFe); HS 8507.80.00; HS 8541.40.00 [HS 8541.40.11]; HS 8539.21.00(filament); HS 8539 31.00(Fluor); HS 8539.31.10(CFL); HS 8539.31.90; 200 pages
- 269. EAS 389-2: 2006, *Solar photovoltaic power systems — Design, installation, operation, monitoring and maintenance — Code of practice — Part 2: Installation of solar PV power systems***  
This East African Standard specifies requirements for the installation of photovoltaic power systems. This East African Standard covers requirements for photovoltaic systems intended for

use on buildings such as domestic, school, office and industrial building, and whose total output power does not exceed 12000 peak watts.

ICS 27.160 HS 8504.40.00; [HS 8504.40.10]; HS 8507.20.00(Pb); HS 8507.30.00(NiCd); HS 8507.40.00(NiFe); HS 8507.80.00; HS 8541.40.00 [HS 8541.40.11]; HS 8539.21.00(filament); HS 8539 31.00(Fluor); HS 8539.31.10(CFL); HS 8539.31.90; 60 pages

- 270. EAS 389-3: 2006, Solar photovoltaic power systems — Design, installation, operation, monitoring and maintenance — Code of practice — Part 3: Operation of PV systems**  
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This East African Standard specifies requirements for the operation of photovoltaic power systems. This East African Standard covers requirements for photovoltaic systems intended for use on buildings such as domestic, school, office and industrial building, and whose total output power does not exceed 12000 peak watts.

ICS 27.160 HS 8504.40.00; [HS 8504.40.10]; HS 8507.20.00(Pb); HS 8507.30.00(NiCd); HS 8507.40.00(NiFe); HS 8507.80.00; HS 8541.40.00 [HS 8541.40.11]; HS 8539.21.00(filament); HS 8539 31.00(Fluor); HS 8539.31.10(CFL); HS 8539.31.90 40 pages

- 271. EAS 389-4: 2006, Solar photovoltaic power systems — Design, installation, operation, monitoring and maintenance — Code of practice — Part 4: Monitoring and maintenance of solar PV power systems**

This East African Standard specifies requirements for the monitoring and maintenance of photovoltaic power systems. This East African Standard covers requirements for photovoltaic systems intended for use on buildings such as domestic, school, office and industrial building, and whose total output power does not exceed 12000 peak watts.

ICS 27.160 HS 8504.40.00; [HS 8504.40.10]; HS 8507.20.00(Pb); HS 8507.30.00(NiCd); HS 8507.40.00(NiFe); HS 8507.80.00; HS 8541.40.00 [HS 8541.40.11]; HS 8539.21.00(filament); HS 8539 31.00(Fluor); HS 8539.31.10(CFL); HS 8539.31.9078 pages

- 272. EAS 410: 2005, Hot-dip aluminium-zinc coated plain and corrugated steel sheets — Specification**

This East African Standard specifies requirements for continuous hot-dip Aluminium-Zinc (AZ) coated plain and corrugated steel sheets for roofing, cladding, fencing, fabrication and general use. This standard does not cover the special purpose profiles. The Aluminium-Zinc alloy composition by mass is nominally 55 % Aluminium, 1.6% Silicon and balance Zinc. The product is intended for applications where the corrosion characteristics of Aluminium coupled with those of Zinc are most desired.

ICS 77.140.50 HS 7210.61.00 10 pages

- 273. EAS 412-1:2019, Steel for the reinforcement of concrete — Part 1: Plain bars (3rd Edition)**  
This East African Standard specifies technical requirements for plain bars to be used as reinforcement in non-structural concrete.

ICS 77.140.15 HS 7214.20.00 7 pages

- 274. EAS 412-2:2019, Steel for the reinforcement of concrete — Part 2: Ribbed bars (3rd Edition)**

This East African Standard specifies technical requirements for ribbed bars to be used as reinforcement in concrete.

ICS 77.140.15 HS 7214.20.00 17 pages

- 275. EAS 412-3:2019, Steel for the reinforcement of concrete — Part 3: Welded fabric (1st Edition)**

This East African Standard specifies technical requirements for factory made sheets and rolls of welded fabric, manufactured from steel wires or bars with diameters from 4 mm to 16 mm and designed for the reinforcement of concrete structures and the ordinary reinforcement of pre stressed concrete structures

ICS 77.140.15 HS 7214.20.00 10 pages

- 276. EAS 415: 2005, Hot-rolled steel sheet of high yield stress structural quality**  
 This East African Standard applies to hot-rolled steel sheet of high yield stress structural quality with the use of microalloying elements. The product is intended for structural purposes where particular mechanical properties are required. It is generally used in the delivered condition and is intended for bolted, riveted or welded structures. Because of the combination of higher strength and microalloy composition, it is possible to obtain savings in mass along with better formability and weldability as compared with steel sheet without microalloying elements. The product is produced on a wide strip mill, not a plate mill. This product is commonly produced in thicknesses from 1.6 mm to 6 mm and widths of 600 mm and over, in coils and cut lengths. Hot-rolled sheet less than 600 mm wide may be slit from wide sheet and considered as sheet. This East African Standard does not cover steel intended for boilers or pressure vessels, steels designated as commercial quality or drawing qualities (ISO 3573, Hot-rolled carbon steel sheet of commercial and drawing qualities), steels to be rerolled to cold-reducing products, steels designated as weathering steels, having increased atmospheric corrosion resistance or steels having improved formability properties compared with those in this document. Hot-rolled sheet up to but not including 3 mm in thickness is commonly known as "sheet". Hot-rolled sheet 3 mm and over in thickness is commonly known as either "sheet" or "plate".
- ICS 77.140.50 HS 7219.13.00; HS 7219.14.00; HS 7219.24.00; HS 7219.32.00; HS 7219.33.00; HS 7225.00.00 9 Pages
- 277. EAS 416:2005, Building and civil engineering terms — Parts of construction works — Roofs and roofing**  
 This East African Standard gives standard definitions related to roofs and roofing processes.
- ICS 01.040.91; 01.040.93; 91.010.01; 93.010 HS 6807; HS 6905; HS 7308; HS 7610 23 pages
- 278. EAS 425-1: 2017, Skin powders - Specification - Part 1: Body and face powder**  
 This East African Standard specifies the requirements, sampling and test methods for body and face powders which cover talcum powders, toilet powders, deodorant powders and dusting powders, for adult use only. This standard does not apply to medicated powders for which medicinal claims are made.
- ICS 71.100.70 HS 3304.91.00 6 pages
- 279. EAS 425-2: 2017, Skin powders - Specification - Part 2: Baby powder**  
 This East African Standard specifies the requirements, sampling and test methods for baby powders.  
 This East African Standard does not apply to medicated powders for which medicinal claims are made.
- ICS 71.100.70 HS 3304.91.00 5 pages
- 280. EAS 426-1: 2006, Concrete pipes and ancillary concrete products — Part 1: Specification for unreinforced and reinforced concrete pipes (including jacking pipes) and fittings with flexible joints**  
 EAS 419 specifies requirements and describes test methods for precast concrete pipes and fittings, unreinforced, steel fibre and reinforced, with flexible joints and nominal sizes not exceeding DN 1750 or WN/HN 1200/1800, for which the main intended use is the conveyance of sewage, rainwater and surface water under gravity or occasionally at low head of pressure in pipelines that are generally buried. The scope includes pipes (collectively referred to as "jacking pipes") intended to be installed by pipe jacking, microtunnelling or other trenchless technology. This part of EAS 426 specifies complementary requirements to those in EAS 419 for unreinforced and reinforced concrete pipes and fittings, as provided for in that European Standard, with nominal sizes not exceeding DN 1500 for circular pipes with base and WN/HN 800/1200 for egg-shaped pipes. Full requirements for reinforced concrete circular trench and jacking pipes with nominal sizes greater than DN 1750, but not exceeding DN 3000, are also specified.
- ICS 91.100.30 HS 6810.19.00; HS 6810.91.00 22 pages

**281. EAS 426-2: 2006, Concrete pipes and ancillary concrete products — Part 2: Specification for unreinforced and reinforced concrete manholes and soakaways**

EAS 418 specifies requirements and describes test methods for precast concrete manholes of circular, rectangular (with or without chamfered or rounded corners) or elliptical cross-section, unreinforced, steel fibre and reinforced, with nominal sizes or nominal lengths not exceeding DN 1250 or LN 1250, respectively. The intended use of EAS 418 is to permit access to, and to allow aeration of, drain or sewer systems for the conveyance of sewage, rainwater and surface water under gravity or occasionally at low head of pressure, mainly installed in areas subjected to vehicular and/or pedestrian traffic.

This part of EAS 426 specifies complementary requirements to those in EAS 418 for unreinforced and reinforced concrete manholes of circular and rectangular cross-section (with or without chamfered or rounded corners), as provided for in that European Standard, i.e. units with nominal sizes or nominal lengths not exceeding DN 1250 or LN 1250, respectively. Full requirements for unreinforced and reinforced concrete manholes with nominal sizes greater than DN 1250, but not exceeding DN 3000, are also specified. The manholes are intended to be installed in carriageways of roads (including pedestrian streets), hard shoulders and parking areas for all types of road vehicles, though provision is also made for units subject to lighter traffic loading. Requirements for soakaways, landing slabs and corbel slabs are also specified. Steel fibre concrete manholes are not manufactured in the United Kingdom and so have been excluded from this part of EAS 426. EN 752-2, -3 and -4, EN 1295-1 and EN 1610 deal with the planning, design, installation and testing of drains and sewers

ICS 91.100.30 HS 6810.19.00; HS 6810.91.00 25 pages

**282. EAS 426-3: 2006, Concrete pipes and ancillary concrete products — Part 3: Specification for unreinforced and reinforced concrete inspection chambers**

EAS 418 specifies requirements and describes test methods for precast concrete inspection chambers, designed to be used for inverts not exceeding 2 metres deep, of circular, rectangular (with or without chamfered or rounded corners) or elliptical cross-section, unreinforced, steel fibre and reinforced, with nominal sizes or nominal lengths not exceeding DN 1250 or LN 1250, respectively. The intended use of EAS 418 is to permit access to, and to allow aeration of, drain or sewer systems for the conveyance of sewage, rainwater and surface water under gravity or occasionally at low head of pressure, mainly installed in areas subjected to vehicular and/or pedestrian traffic.

This part of EAS 426 specifies complementary requirements to those in EAS 418 for unreinforced and reinforced concrete inspection chambers of circular and rectangular cross-section (with or without chamfered or rounded corners), as provided for in that European Standard. This part also specifies requirements for inspection chamber units less than or equal to DN 1000 or LN/WN 1000/675 not exceeding 1 metre depth to invert. The inspection chambers are mainly intended for installation in areas outside the highway and where vehicle loading is restricted.

ICS 91.100.30 HS 6810.19.00; HS 6810.91.00 15 pages

**283. EAS 426-4: 2006, Concrete pipes and ancillary concrete products — Part 4: Specification for pre-stressed non-pressed non-pressure pipes and fittings with flexible joints**

This standard specifies requirements and describes test methods for prestressed concrete non-pressure circular pipes and fittings with flexible joints (with seals either integrated in the units or supplied separately) and nominal sizes not exceeding DN 3200, for which the main intended use is the conveyance of sewage, rainwater and surface water under gravity or occasionally at low head of pressure, in pipelines that are generally buried.

ICS 91.100.30 HS 6810.19.00; HS 6810.91.00 28 pages

**284. EAS 426-5: 2006, Precast concrete pipes and ancillary concrete products — Part 5: Specification for ogee pipes and fittings (including perforated)**

This standard specifies requirements for precast concrete cylindrical units, perforated or unperforated, each with ogee or other rebated joints, either unreinforced or reinforced with steel cages or hoops. Perforated unreinforced pipes are also included. The units specified are intended for drainage and for the construction of culverts, other than systems carrying foul water. The specification covers constituent materials, dimensional requirements, performance requirements, appropriate test methods and inspection procedures. This standard does not include the structural or hydraulic design of the pipeline, its durability under unusual

environmental conditions or standards of workmanship and supervision during construction and operation

ICS 91.100.30 HS 6810.19.00; HS 6810.91.00 36 pages

**285. EAS 426-6: 2006, *Precast concrete pipes, fittings and ancillary products — Part 6: Specification for porous pipes***

This standard specifies requirements for unreinforced porous concrete pipes which are intended to admit water through the pipe wall throughout their full length and full circumference or, in the case of pipes with non-porous inverts, throughout part of their circumference. Porosity of the joint is not a requirement. The specification covers constituent materials, dimensional requirements, performance requirements, appropriate test methods and inspection procedures. Combinations of special cements have not been included in this standard in the absence of experience with them in this context

ICS 91.100.30 HS 6810.19.00; HS 6810.91.00 18 pages

**286. EAS 426-7: 2006, *Precast concrete pipes and ancillary concrete products — Part 7: Specification for road gullies and gully cover slabs***

This standard specifies requirements for precast concrete road gullies manufactured from monolithic concrete or prefabricated sections of concrete. A gully outlet may incorporate a permanent former, with or without a jointing profile for the connection of pipelines. Requirements are also specified for gully cover slabs

ICS 91.100.30 HS 6810.19.00; HS 6810.91.00 18 pages

**287. EAS 455:2019, *Long Lasting Insecticide treated mosquito nets — Specification (Second Edition)***

This East African Standard specifies the requirements, sampling and test methods for treated Long Lasting Insecticidal Nets (LLIN).

ICS 59.080.30 HS 6304.91.10 [HS 6304.92.70] 8 pages

**288. EAS 456: 2019, *Organic production standard (2nd Edition)***

This East African Standard provides requirements for organic production. It covers plant production, animal husbandry, aquaculture, sustainable fisheries, bee-keeping, the harvesting of wild products, and the processing and labelling of the products therefrom. It does not cover procedures for verification such as inspection or certification of products.

ICS 67.020 HS 0200; HS 0300; HS 0400; HS 0700; HS 0800; HS 0900; HS 1000; HS 1100; HS 1200; HS 1500; HS 1600; HS 1700; HS 1800; HS 1900; HS 2000; HS 2100; HS 2200; HS 2300; HS 2501; HS 3300; HS 3500 23 pages

**289. EAS 461-1: 2013, *Hair dyes – Part 1: Aryl diamine based formulated powders — Specification***

This East African Standard specifies the requirements and methods of sampling and test for aryl diamine based formulated powder hair dyes. This East African standard only covers permanent powder hair dyes based on aryl di-amines which act as primary intermediates in dyes. It does not apply to vegetable-based hair dyes, metallic-based hair dyes and liquid hair dye

ICS 71.100.70 HS 3305.90.00 10 pages

**290. EAS 462: 2007, *Shoe polish wax solvent paste type — Specification***

This East African Standard prescribes the requirements and the methods of test for shoe wax solvent type polishes suitable for application to leather footwear and leather goods.

ICS 71.100.40 HS 3405.10.00 14 pages

**291. EAS 464: 2007, *Seat belt assemblies for motor vehicles — Specification***

This East African Standard specifies the requirements for automobile seat belt assemblies which are designed to accommodate one adult and are fitted, in the main, to forward facing seats for the purpose of protecting passengers from injury in the event of a traffic accident.

ICS 43.040.80 HS 8708.21.00 23 pages

**292. EAS 466: 2007, Sanitation — Glossary of terms**

This East African Standard defines terms relating to sanitation.

ICS 01.040.91; 91.060.01; 91.090; 91.190 HS 3922; 6815.99.20; 7324; 7418.20; 7615.20; 7806.00.10; 7907.00.1 35 pages

**293. EAS 468:2019 Pre-painted metal coated steel sheets and coils — Specification (3rd Edition)**

This East African Standard specifies requirements, sampling and test methods for pre-painted metal coated steel sheets and coils.

ICS 77.140.50 HS 7210.41.00; HS 7210.49.00; HS 7221.00.00; HS 7222.11.00; HS 7222.19.00; HS 7222.20.00; HS 7222.30.00; HS 7222.40.00; HS 7223.00.00 18 pages

**294. EAS 481: 2008, Plastic carrier bags — Specification**

This East African standard specifies requirements for carrier bags that are made from plastic materials. This standard covers plastic carrier bags both domestically produced and imported, for use within the East African Community. This standard covers the thickness and printing requirement of these bags.

This standard does not cover some specific plastic packaging materials such as bread bags, candies, laundry bags, refuse bags, bin liners and cement bags. Packages of specific items that must use plastics will be covered by separate standards.

ICS 55.080 HS 3923 21 00; HS 3923 29.00 5 pages

**295. EAS 489: 2008, Concrete poles for telephone, power and lighting purposes — Specification**

This East African Standard specifies the characteristics of pre-cast reinforced, partially prestressed and prestressed concrete poles. Possible uses for the poles include electrical reticulation and distribution, railway traction, telephone line support, street lighting standards and high mast lighting structures.

NOTE When concrete poles are used as traction poles, load/deflection characteristics, cross-section at ground level and resistance to impact may have to be considered.

ICS 91.100.30 HS 6810.91.00 19 pages

**296. EAS 490: 2008; Metre rules and rulers for school and office use — Specification**

This East African Standard specifies requirements for metre rules and rulers for school and office use

ICS 83.140.99; 97.180 HS 9017.80.00 3 pages

**297. EAS 491: 2008, Incineration plant for the destruction of hospital waste — Specification**

This East African standard specifies the performance requirements for incineration plant, assisted by auxiliary fuel if required, suitable for the destruction of hospital waste.

Devices which utilize intensities of combustion exceeding an average heat release rate of 350 W/m<sup>3</sup> are not included. This standard does not specify materials or methods of construction.

ICS 13.030.40 HS 8419.20.90 3 pages

**298. EAS 492: 2008, Incineration plant for the destruction of hospital waste — Method of test and calculation for the performance**

This East African Standard describes methods of test for the performance of the incineration plant to be carried out in accordance with EAS 491: 2008 and as specified by the purchaser in accordance with EAS 493: 2008. These tests are made after installation when the plant is operating in accordance with the manufacturer's instruction. In addition certain methods of calculation are given. Methods of test for materials and methods of construction are not included.

ICS 13.030.40 HS 8419.20.90 16 pages

- 299. EAS 493: 2008, *Incineration plant for the destruction of hospital waste — Method for specifying purchaser's requirements***  
 This East African Standard details a method for specifying requirements for incinerators for the destruction of hospital waste manufactured to specifiers' requirements. It does not cover other items of plant such as charging machine, chimneys, flues, etc.  
 ICS 13.030.40 HS 8419.20.90 6 pages
- 300. EAS 494: 2008, *Incineration plant for the destruction of hospital waste — Code of practice for the design, specification, installation and commissioning***  
 This East African Standard gives guidance on the design, specification, installation and commissioning of incineration plant for the destruction of hospital waste. It also gives information on training of staff and maintenance of plant, on collection and transports of hospital waste.  
 ICS 13.030.40 HS 8419.20.90 19 pages
- 301. EAS 495-1: 2008, *13 A plugs, socket-outlets, adaptors and connection units — Part 1: Specification for rewirable and non-rewirable 13 A fused plugs***  
 This part of this East African Standard specifies requirements for 13 A fused plugs having insulating sleeves on line and neutral pins, for household, commercial and light industrial purposes, with particular reference to safety in normal use. The plugs are suitable for the connection of portable appliances; sound-vision equipment, luminaires, etc in ac circuits only, operating at voltages not exceeding 250 V r.m.s. at 50 Hz.  
 Requirements are specified for plugs incorporating a fuse link complying with EAS 496. The plugs may be rewirable or non-rewirable complete with flexible cord. Two categories of plugs are specified covering normal and rough use. Rewirable plugs are intended for use with flexible cords complying with EAS 117-1 having conductor cross-sectional areas from 0.5 mm<sup>2</sup> to 1.5 mm<sup>2</sup> inclusive.  
 ICS 29.120.30 HS 8536.50.00; HS 8536.69.00; HS 8536.90.00 65 pages
- 302. EAS 495-2: 2008, *13 A plugs, socket-outlets, adaptors and connection units — Part 2: Specification for switched and unswitched socket outlets***  
 This part of EAS 495 specifies requirements for 13 A switched and unswitched shuttered socket-outlets for household, commercial and light industrial purposes, with particular reference to safety in normal use. The o socket-outlets are suitable for the connection of portable appliances, sound-vision equipment, luminaires, etc. in a.c. circuits only, operating at voltages not exceeding 250 V r.m.s. at 50 Hz using plugs in accordance with EAS 495-1.  
 Requirements are specified for 13 A shuttered socket-outlets in single or multiple arrangements with or without associated controlling switches, for flush mounting in suitable boxes, e.g. complying with EAS 203, or for surface or panel mounting or for portable use. Fixed socket-outlets are intended for use with cables complying with IEC 60227 having copper conductors. Portable socket-outlets are intended for use with flexible cords, complying with EAS 117-1. Socket-outlets containing devices other than fuse links, switches and indicator lamps are outside the scope of this part of EAS 495.  
 ICS 29.120.30 HS 8536.50.00; HS 8536.69.00; HS 8536.90.00 63 pages
- 303. EAS 495-3:2008, *13 A plugs, socket-outlets, adaptors and connection units — Part 3: Specification for adaptors***  
 This part of EAS 495 specifies requirements for adaptors having insulating sleeves on the line and neutral plug pins and suitable for use with socket-outlets complying with EAS 495-2, with particular reference to safety in normal use. Adaptors specified in this part of EAS 495 are intended for household, commercial and light industrial purposes. The adaptors are suitable for the connection of portable appliances, sound-vision equipment, luminaires, etc., in a.c. circuits only, operating at voltages not exceeding 250 V r.m.s. at 50 Hz. Assemblies comprising a plug and one or more portable socket-outlets connected together by a flexible cord or cable are not considered to be adaptors according to this part of EAS 495. Devices incorporating switches, transformers, timers, thermostats or other control means are outside the scope of this part of EAS 495.  
 ICS 29.120.30 HS 8536.50.00; HS 8536.69.00; HS 8536.90.00 83 pages

**304. EAS 495-4: 2008, 13 A plugs, socket-outlets, adaptors and connection units — Part 4: 13 A fused connection units: Switched and unswitched**

This part of EAS 495 specifies requirements for 13 A fused fixed connection units for household, commercial and light industrial purposes, with particular reference to safety in normal use. The connection units are suitable for the connection of appliances, in a.c. circuits only, operating at voltages not exceeding 250 V r.m.s at 50 Hz. Requirements are specified for connection units incorporating a fuse-link complying with EAS 496. Requirements are specified for 13 A connection units with or without associated controlling switches, for flush mounting in suitable enclosures, e.g. boxes complying with EAS 203, or for surface or panel mounting. Connection units are intended for use with cables complying with IEC 60227 having copper conductors. Connection units with card outlets are additionally intended for use with flexible cords, complying with EAS 117-1 on the load (output) side. Connection units containing devices other than fuse-links, switches and indicator lamps are outside the scope of this standard.

ICS 29.120.30 HS 8536.50.00; HS 8536.69.00; HS 8536.90.00 41 pages

**305. EAS 496: 2008 General purpose fuse links for domestic and similar purposes (primarily for use in plugs) — Specification**

This East African Standard specifies dimensions and performance requirements for general purpose cartridge fuse links of current ratings not exceeding 13 A for domestic and similar purposes (primarily for use in plugs complying with the requirements of EAS 495) on declared supply voltages not exceeding 250 V (see 4.5) at a nominal frequency of 50 Hz or 60 Hz. It does not cover fuse bases or fuse holders for use with these fuse links.

ICS 29.120.30 HS 8536.50.00; HS 8536.69.00; HS 8536.90.00 27 pages

**306. EAS 500: 2008; Road vehicles — Inspection — Code of practice**

This East African Standard covers the examination and testing for roadworthiness of all vehicles used on public roads

ICS 43.020 HS 8702; HS 8703, HS 8704; HS 8705 50 pages

**307. EAS 727: 2008; Wind turbines — Protective measures — Requirements for design, operation and maintenance**

This East African Standard specifies requirements for protective measures relating to the health and safety of personnel, relevant to commissioning, operation and maintenance of wind turbines. It does not describe instructions and provisions for safe working during manufacture, transport, assembly and installation of the wind turbine.

ICS 27.180 HS 8412.80.00; HS 8502.31.00 19 pages

**308. EAS 738: 2010, Fresh sweet cassava — Specification**

This East African Standard specifies requirements and methods of sampling and test for varieties of fresh sweet cassava roots of *Manihot esculenta* Crantz, of the Euphorbiaceae family, to be supplied to the consumer, intended for direct human consumption. Cassava roots intended for industrial processing is excluded.

ICS 67.040 HS 0714.10.00 7 pages

**309. EAS 739: 2010, Dried cassava chips — Specification**

This East African Standard specifies the requirements and methods of sampling and test for dried cassava chips intended for human consumption.

ICS 67.040 HS 0714.10.00 5 pages

**310. EAS 740: 2010, Cassava flour — Specification**

This East African Standard specifies requirements and methods of sampling and test for cassava flour, which is obtained from the processing of cassava (*Manihot esculenta* Crantz) intended for human consumption.

ICS 67.040 HS 1106.20.20 5 pages



- 311. EAS 741: 2010, Cassava composite wheat flour — Specification**  
This East African Standard specifies the requirements and the methods of sampling and test for cassava-wheat composite. This standard does not apply to other composite flours from non wheat sources which may be used in different products.  
  
ICS 67.080.20 HS 1106.20.20 4 pages
- 312. EAS 742: 2010, Food grade cassava starch — Specification**  
This East African Standard specifies the requirements and the methods of sampling and test for food grade cassava starch.  
  
ICS 67.180.20 HS 1108.14.00 4 pages
- 313. EAS 743: 2010, Cassava crisps — Specification**  
This East African Standard specifies requirements and methods of sampling and test for crisps made from sweet varieties of cassava (*Manihot esculenta* Crantz).  
  
ICS 67.040; 67.080.20 HS 0714.10.00 4 pages
- 314. EAS 744: 2010, Cassava and cassava products — Determination of total cyanogens — Enzymatic assay method**  
This East African Standard specifies a method for the determination of total cyanogens in cassava and cassava products.  
  
ICS 67.040; 67.080.20 HS 0714.10.00 5 pages
- 315. EAS 745: 2010, Potato crisps — Specification**  
This East African Standard specifies requirements and methods of sampling and test for crisps made from potato tubers (*Solanum tuberosum* L.)  
  
ICS 67.040 HS 2005.20.00 6 pages
- 316. EAS 746: 2010, Frozen potato chips — Specification**  
This East African Standard specifies the requirements and methods of sampling and test for frozen potato (*Solanum tuberosum* L.) chips to be supplied packaged either in retail packs or in bulk for human consumption.  
  
ICS 67.040; 67.080.20 HS 2008.19.40 6 pages
- 317. EAS 747: 2010, Fried potato chips — Specification**  
This East African Standard specifies requirements and methods of sampling and test for deep fried potato chips ready for consumption.  
  
ICS 67.040; 67.080.20 HS 0712.90.00 3 pages
- 318. EAS 748:2017, Warehouse potato — Specification**  
This East African Standard specifies the requirements, sampling and test methods for fresh ware potato of varieties (cultivars) grown from (*Solanum* L.) of the family Solanaceae for human consumption.  
This East African Standard does not apply to ware potato for industrial processing and seed potato  
  
ICS 67.040; 67.080.20 HS 0701.00.00; HS 0710.10.00; HS 0701.90.00 6 pages
- 319. EAS 749: 2010, Brown sugars — Specification**  
This East African Standard specifies the requirements, methods of sampling and testing for light brown and brown sugar intended for human consumption. This standard does not apply to soft brown sugars.  
  
ICS 67.180.10 HS 1701.99.90 5 pages
- 320. EAS 750: 2010, Air quality — Emissions to the air by cement factories guidelines**

This East African Standard lists the commonly encountered pollutants in cement factories. It gives the reasons behind these emissions and gives possible options of mitigation.

ICS 13.040.01 HS 0401.00.00; HS 0402.00.00; HS 0403.00.00; HS 0404.00.00; HS 0405.00.00; HS 0406.00.00 7 pages

**321. EAS 751: 2010, Air quality — Specification**

This East African Standard gives permissible limits of some common substances found in polluted air, namely sulfur dioxide, carbon monoxides, particulate matter, oxides of nitrogen, hydrocarbons, and lead. The standard covers both the ambient air and emission sources.

ICS 13.040.01 HS 0401.00.00; HS 0402.00.00; HS 0403.00.00; HS 0404.00.00; HS 0405.00.00; HS 0406.00.00 7 pages

**322. EAS 752: 2010, Air quality — Tolerance limits of emissions discharged to the air by factories**

This East African Standard specifies the tolerance limits of inactive dust, oxides of nitrogen and sulfur dioxide emissions from factories into the air.

ICS 13.040.01 HS 0401.00.00; HS 0402.00.00; HS 0403.00.00; HS 0404.00.00; HS 0405.00.00; HS 0406.00.00 2 pages

**323. EAS 753: 2011, Seed potato — Specification**

This East African Standard specifies requirements and methods of sampling and test for seed potato. It specifies requirements for varietal identity, purity; genealogy, traceability, pests and diseases, internal and external quality, physiology, sizing, packaging and labelling.

ICS 65.020.20 HS 0701.10.00 16 pages

**324. EAS 754: 2013, Chickpeas — Specification**

This East African Standard specifies requirements and methods of sampling and test for dry chickpeas of the varieties (cultivars) grown from *Cicer arietinum* Linn. intended for human consumption.

ICS 67.060 HS 0713.20.00 6 pages

**325. EAS 755: 2013, Cowpeas — Specification**

This East African Standard specifies the requirements and methods of sampling and test for dry cowpeas of the varieties (cultivars) grown from *Vigna unguiculata* Linn. Sync. *Vigna sinensis* (L.) Hassk. intended for human consumption.

ICS 67.060 HS 0713.39.15 5 pages

**326. EAS 756: 2013, Pigeon peas — Specification**

This East African Standard specifies the requirements and methods of sampling and test for dry pigeon peas of the varieties (cultivars) grown from *Cajanus cajan* Linn. intended for human consumption.

ICS 67.060 HS 0713.39.90 [0713.90.10] [0713.90.91] 5 pages

**327. EAS 757: 2019, Sorghum grains- Specification (3rd Edition)**

This East African Standard specifies requirements, sampling and test methods for whole sorghum grains of varieties (cultivars) grown from *Sorghum bicolor* (L.) Moench intended for human consumption.

ICS 67.060 HS 1007.00.00 [HS 1007.00.90]; [HS 1008.20.19] 5 pages

**328. EAS 758: 2019, Finger millet grains- Specification (3rd Edition)**

This East African Standard specifies requirements, sampling and test methods for finger millet grains of varieties (cultivars) grown from *Eleusine coracana* (L.) Gaertner intended for human consumption.

ICS 67.060 HS 1008.20.00 [HS 1008.20.39] 5 pages

- 329. EAS 759: 2013, *Dry whole peas — Specification***  
This East African Standard specifies the requirements and methods of sampling and test for dry whole peas of varieties (cultivars) grown from *Pisum sativum* L. and *Pisum sativum* var. *arvense* (L.) Poir. intended for human consumption  
ICS 67.060 HS 0713.10.00 5 pages
- 330. EAS 760: 2013, *Lentils — Specification***  
This East African Standard specifies the requirements and methods of sampling and test for shelled whole lentils of varieties (cultivars) grown from *Lens culinaris* Medic. Syn. *Lens esculenta* Moench. intended for human consumption  
ICS 67.060 HS 0713.40.00 6 pages
- 331. EAS 761: 2013, *Dry split peas — Specification***  
This East African Standard specifies the requirements and methods of sampling and test for dry split peas of varieties (cultivars) grown from *Pisum sativum* L. and *Pisum sativum* var. *arvense* (L.) Poir. intended for human consumption.  
ICS 67.060 HS 0713.10.00 6 pages
- 332. EAS 762: 2017, *Dry soybeans — Specification***  
This East African Standard specifies requirements, sampling and test methods for dry soybeans of varieties (cultivars) grown from *Glycine max* (L.) Merr. intended for human consumption  
ICS 67.060 HS 1201.00.00 5 pages
- 333. EAS 763: 2013, *Faba beans — Specification***  
This East African Standard specifies the requirements and methods of sampling and test for faba beans of cultivated varieties (cultivars) grown from *Vicia faba* L. intended for human consumption  
ICS 67.060 HS 0713.50.00 5 pages
- 334. EAS 764: 2013, *Rough rice — Specification***  
This East African Standard specifies the requirements and methods of sampling and test for rough rice of the varieties grown from *Oryza* spp. used for further processing.  
ICS 67.060 HS 1006.10.00 5 pages
- 335. EAS 765: 2013, *Brown rice — Specification***  
This East African Standard specifies the requirements and methods of sampling and test for brown rice of the varieties grown from *Oryza* spp., intended for human consumption or for processing to milled rice.  
ICS 67.060.10 HS 1006.20.00 5 pages
- 336. EAS 766-1: 2013, *Antibacterial toilet soap — Specification — Part 1: Solid***  
This East African Standard specifies the requirements and methods of sampling and test for solid antibacterial toilet soap.  
ICS 71.100.40 HS 3401.11.00 12 Pages
- 337. EAS 766-2: 2013, *Antibacterial toilet soap — Specification — Part 2: Liquid***  
This East African Standard specifies the requirements, and methods of sampling and test for liquid antibacterial toilet soap. It includes antibacterial (bacteriostatic) and antifungal (fungal static).  
This standard does not cover synthetic hand wash liquid detergents, shampoo and products for specific purposes such as those for industrial and surgical uses.  
ICS 71.100.40 HS 3401.11.0013 Pages
- 338. EAS 767:2019 *Fortified wheat flour — Specification (2nd Edition)***

This East African Standard specifies the requirements, sampling and test methods for fortified wheat flour prepared from common wheat (*Triticum aestivum* L.), club wheat (*T. compactum* Host.) or a mixture thereof intended for human consumption.

ICS 67.060 HS 1101.00.00 13 pages

**339. EAS 768:2019 Fortified milled maize(corn) products —Specification (2nd Edition)**

This East African Standard specifies the requirements, sampling and test methods for fortified milled maize (corn) products prepared from the grains of common maize (*Zea mays* L.) intended for human consumption.

ICS 67.060 HS 1102.20.00 13 pages

**340. EAS 769:2019 Fortified edible fats and oils—Specification (2nd Edition)**

This East African Standard specifies the requirements, sampling and test methods for fortified edible fats and oils intended for human consumption. This Final Draft East African Standard is not applicable to fat spreads and blended spreads.

ICS 67.200.10 HS 1515.00.00; HS 1516; HS 1518 12 Pages

**341. EAS 770: 2012; Fortified sugar – Specification**

This East African Standard specifies the requirements and methods of sampling and test for fortified brown sugars and fortified plantation (mill) white sugar intended for direct human consumption.

ICS 67.180.10 HS 1701.12.90; HS 1702.19.00 8 Pages

**342. EAS 771: 2012, Fresh sweetpotatoes – Specification**

This East African Standard specifies the requirements and methods of sampling and test for fresh sweet potatoes [*Ipomoea batatas* (L.) Lam.] to be supplied fresh and either packaged or sold loose for human consumption.

ICS 67.080.20 HS 0701.00.00 8 Pages

**343. EAS 772:2012, Dried sweetpotato chips — Specification**

This East African Standard specifies the requirements and methods of sampling and test for dried Sweetpotato chips intended for human consumption.

ICS 67.080.20 HS 2004; HS 2004.90 10 Pages

**344. EAS 773:2012, Sweetpotato flour — Specification**

This East African Standard specifies the requirements and methods of sampling and test for flour which is obtained from the processing of sweetpotato [*Ipomoea batatas* (L.) Lam.] intended for human consumption.

ICS 67.080.20 HS 1108.13.00 10 Pages

**345. EAS 774:2012, Sweetpotato crisps — Specification**

This East African Standard specifies the requirements and methods of sampling and test for crisps made from storage roots of sweetpotato [*Ipomoea batatas* (L.) Lam.] intended for human consumption.

ICS 67.080.20 HS 2005.20.00 10 Pages

**346. EAS 776:2012, Production and handling of fresh cassava – Code of practice**

This East African Code provides recommended practices for the production, storage, packaging and transportation of fresh cassava intended for human consumption.

ICS 67.080.20 HS 0714.10.00 12 Pages

**347. EAS 777:2012, Reduction of acrylamide in potato products – Code of practice**

This East African Code provides recommended practices for reducing the formation of acrylamide in potato products.

ICS 67.080.20 HS 0701 10 Pages

**348. EAS 778:2012, Fresh bitter cassava — Specification**

This East African Standard specifies the requirements and methods of sampling and test for fresh roots of varieties of bitter cassava, *Manihot esculenta* Crantz, for preparation before human consumption.

ICS 67.080.20 HS 0714.10.00 11 Pages

**349. EAS 779: 2012, High quality cassava flour – Specification**

This East African Standard specifies the requirements for vitamin and mineral food supplements intended for use in supplementing the daily diet with vitamins and/or minerals.

This standard covers vitamin and mineral food supplements in concentrated forms of those nutrients singly or in combinations, marketed in forms such as capsules, tablets, powders, paste and solutions.

This standard does not cover vitamin and mineral products intended for special dietary uses or medical/therapeutic purposes.

ICS 67.040 HS 1106 5 pages

**350. EAS 780:2012, Fresh cassava leaves — Specification**

This East Africa Standard specifies the requirements and methods of sampling and test for fresh cassava leaves of *Manihot esculenta* Crantz, for preparation before human consumption.

ICS 67.080.20 HS 0714.10.00 8 Pages

**351. EAS 782: 2019, Composite flour –Specification (2nd Edition)**

This East African Standard specifies requirements, sampling and test methods for composite flour intended for human consumption. This standard does not apply where there are specific published standards for blends or composite flours.

ICS 67.060 HS 1102.90.00 6 pages

**352. EAS 783: 2013, Stainless Steel Tanks – Specification**

This East African Standard specifies material, dimensional, and constructional requirements for stainless steel tanks.

ICS 77.140.20 HS 7218.00.00 5 Pages

**353. EAS 784: 2013, Code of practice for Galvanized and aluminium zinc corrugated steel Sheet roofing and wall covering**

This code of practice provides guidelines for the use of galvanized and aluminum zinc corrugated steel sheets for roofing and wall covering. Recommendations are given on materials and design, construction and maintenance, together with information on weather-tightness, durability, thermal insulation, fire hazard, rainwater drainage from roofs and other characteristics.

ICS 77.140.50 HS 7210.61.00 20 Pages

**354. EAS 786: 2013, Skin care creams, lotions and gels — Specification**

This East African Standard specifies requirements and methods of sampling and test for creams, lotions and gels for skin care. This East African Standard does not apply to skin care products, for which therapeutic claims are made and also does not apply to non-emulsified lotions and gels.

ICS 71.100.70 HS 3304.99.00 20 pages

**355. EAS 787: 2013, Synthetic Industrial detergent powder - Specification**

This East African Standard specifies the requirements and methods of sampling and test for synthetic industrial detergent powders based predominantly on alkyl aryl sulphonates.

ICS 71.100.40 HS 3401.00.00 12 Pages

**356. EAS 788: 2013, *Synthetic detergent paste – Specification***

This East African standard specifies the requirements and methods of sampling and test for synthetic detergent pastes based predominantly on alkyl aryl sulphonates for hand and machine wash.

ICS 71.100.40 HS 3401.00.00 12 Pages

**357. EAS 789: 2013, *Instant Hand Sanitizer – Specification***

This East African standard specifies the requirements and methods of test for alcohol based instant hand sanitizers. The standard does not cover non-alcohol based hand sanitizers.

ICS 71.100.40 HS 3401.00.00 7 Pages

**358. EAS 790: 2013, *Liquid Soap – Specification***

This East African Standard specifies requirements and methods of sampling and test for liquid soap for general purposes. It does not cover shampoos and products intended for specific purposes, such as those for industrial and surgical uses.

ICS 71.100.40 HS 3401.00.00; HS 3402.11.00; HS 3402.12.00; HS 3402.13.00; HS 3402.19.00  
6 Pages

**359. EAS 791:2013, *Oven cleaner and grease remover – Specification***

This East African Standard specifies the requirements and methods of sampling and test for oven cleaner and grease remover. The standard covers three types of oven cleaners and grease removers that are suitable for the removal of carbon deposits, grease, baked-on fats and other surface contaminants from industrial and domestic cooking ovens, grills, fryers and other steel kitchen equipment, but that are not intended for use in self-cleaning ovens.

ICS 71.100.40 HS 3401.00.00 7 Pages

**360. EAS 792: 2013, *Carpet and upholstery shampoo – Specification***

This East African Standard specifies the requirements and methods of sampling and test for a liquid foaming shampoo used for both general cleaning and spot cleaning of colourfast carpets and upholstery that are not damaged by water alone.

ICS 71.100.40 HS 3401.00.00 4 Pages

**361. EAS 793-1: 2013, *Toilet cleansers — Part 1: Acidic liquid toilet cleansers— Specification***

This East African Standard specifies requirements and methods of test for acidic liquid toilet cleansers. This standard applies to a liquid acid, heavy- duty compound suitable for cleaning toilet bowls and urinals.

ICS 71.100.40 HS 3401.00.00; HS 3401.11.00 7 Pages

**362. EAS 794: 2013, *Determination of the microbial inhibition of cosmetic soap bars and liquid hand and body washes - Test method***

This East African Standard prescribes a method for testing and comparing the microbial inhibition properties of cosmetic soap bars and liquid hand and body washes.

ICS 71.100.40 HS 3401.00.00 5 Pages

**363. EAS 795:2018, *Palm Olein — Specification (1st Edition)***

This East Africa Standard specifies the requirements, sampling and test methods for crude, semi-refined and refined palm olein derived from fleshy mesocarp of the fruit of the oil palm (*Elaeis guineensis*). NOTE Palm olein in this standard refers to crude palm olein, semi-refined and refined palm olein.

ICS 67.200.10 HS 1511.90.10 14 pages

- 364. EAS 796:2018, Palm Stearin — Specification (1st Edition 2018)**  
This East Africa Standard specifies the requirements, sampling and test methods for crude, semi-refined and refined palm stearin derived from fleshy mesocarp of the fruit of the oil palm (*Elaeis guineensis*). NOTE Palm stearin refers to crude, semi-refined and refined palm stearin.  
  
ICS 67.200.10 HS 1511.90.20 14 pages
- 365. EAS 797:2013, Vitamin and mineral food supplements — Requirements**  
This East African Standard specifies the requirements for vitamin and mineral food supplements intended for use in supplementing the daily diet with vitamins and/or minerals.  
1This standard covers vitamin and mineral food supplements in concentrated forms of those nutrients singly or in combinations, marketed in forms such as capsules, tablets, powders, paste and solutions.  
This standard does not cover vitamin and mineral products intended for special dietary uses or medical/therapeutic purposes.  
  
ICS 67.040; 67.230 HS 2106.90.91 20 pages
- 366. EAS 798: 2013, Lipids food Supplements - Requirements**  
This East African Standard specifies the requirements for lipid food supplements used for complementing the normal diet with essential fatty acids. This standard covers lipid food supplements primarily providing essential fatty acids and presented in forms such as capsules, paste or liquid. The product may be taken directly or added another food with the primary objective of increasing the energy content of the food and provide essential fatty acids. This standard does not cover lipid food supplements intended for special dietary uses or medical/therapeutic purposes.  
  
ICS 67.040; 67.230 HS 2106.90.91 5 pages
- EAS 799: 2019, Edible full fat soya flour (2nd Edition)**  
This East African Standard specifies requirements, sampling and test methods for edible full fat soya flour obtained from soya bean (*Glycine max* (L.) Merr) intended for human consumption.  
  
ICS 67.060 HS 1208.10.00 5 pages
- 367. EAS 800: 2014, Soya milk — Specification**  
This East African Standard specifies requirements and methods of sampling and test for soya milk intended for human consumption.  
  
ICS 67.060 HS 1208.10.00 4 pages
- 368. EAS 801: 2014, Soya protein products — Specification**  
This East African Standard specifies requirements and methods of sampling and test for soya protein products intended for human consumption.  
  
ICS 67.060 HS 1208.10.00 5 pages
- 369. EAS 802: 2014, Textured soya protein products — Specification**  
This East African Standard specifies requirements and methods of sampling and test for textured soya protein products intended for human consumption.  
  
ICS 67.060 HS 1208.10.00 5 pages
- 370. EAS 803: 2014, Nutrition labelling — Requirements**  
This East African Standard specifies requirements for the nutrition labelling of foods. The standard applies to the nutrition labelling of all foods except for foods for special dietary uses.  
  
ICS 67.230 HS 0200; HS 0300; HS 0400; HS 0700; HS 0800; HS 0900; HS 1000; HS 1100; HS 1200; HS 1500; HS 1600; HS 1700; HS 1800; HS 1900; HS 2000; HS 2100; HS 2200; HS 2300; HS 2501; HS 3300; HS 3500 8 Pages
- 371. EAS 804: 2014, Claims on foods — Requirements**

This East African Standard specifies general requirements for claims made on a food irrespective of whether or not the food is covered by an individual East African Standard.

ICS 67.230 HS 0200; HS 0300; HS 0400; HS 0700; HS 0800; HS 0900; HS 1000; HS 1100; HS 1200; HS 1500; HS 1600; HS 1700; HS 1800; HS 1900; HS 2000; HS 2100; HS 2200; HS 2300; HS 2501; HS 3300; HS 3500 4 Pages

**372. EAS 805: 2014, Use of nutritional and health claims — Requirement**

This East African Standard specifies requirements for the use of nutrition and health claims in food labelling and in advertising

This East African Standard applies to all foods for which nutrition and health claims are made without prejudice to specific provisions under other standards or guidelines relating to foods for special dietary uses and foods for special medical purposes.

ICS 67.230 HS 0200; HS 0300; HS 0400; HS 0700; HS 0800; HS 0900; HS 1000; HS 1100; HS 1200; HS 1500; HS 1600; HS 1700; HS 1800; HS 1900; HS 2000; HS 2100; HS 2200; HS 2300; HS 2501; HS 3300; HS 3500 8 Pages

**373. EAS 811-1: 2014, Code of practice for safety of electrical installations — Part 1: General**

This part of EAS 811 specifies the terms and definitions, symbols and methods of earthing of electrical supply, communication facilities and associated equipment. It applies to all new and existing installations and extensions.

This standard does not cover the earthed return of electric railways nor those lightning protection wires that are normally independent of supply or communication wires or equipment.

ICS 29.260.20 HS 8501.to 8547 29 pages

**374. EAS 811-2: 2014, Code of practice for safety of electrical installations — Part 2: Installation and maintenance of electric supply stations and equipment**

This part of EAS 811 specifies the safety requirements for installations, operations and maintenance of electric supply stations.

It also provides safety guidelines to personnel involved in electric supply stations and their associated structural arrangements that are accessible only to qualified personnel.

ICS 29.260.20 HS 8501.to 8547 28 pages

**375. EAS 811-3: 2014, Code of practice for safety of electrical installations — Part 3: Installation and maintenance of overhead electric supply and communication line**

This part of EAS 811 specifies safety requirements for installation and maintenance of overhead electric supply and communication lines and their associated equipment. It prescribes the associated structural arrangements of such systems and the extension of such systems into buildings. It includes requirements for spacing, clearances, and strength of construction. This part of EAS 811 does not apply to installations in electric supply stations except as required by 8.3.3 of EAS 811-1.

ICS 29.260.20 HS 8501.to 8547 99 pages

**376. EAS 811-4: 2014, Code of practice for safety of electrical installations — Part 4: Installation and maintenance of underground electric supply and communication lines**

This part of EAS 811 specifies safety requirements for the installation and maintenance of underground electric supply and communication lines.

It prescribes the associated structural arrangements and the extension of such systems into buildings. It also covers the cables and equipment employed primarily for the utilization of electric power when such cables and equipment are used by the utility in the exercise of its function as a utility. This part does not apply for installations in electric supply stations.

ICS 29.260.20 HS 8501.to 8547 24 pages

**377. EAS 811-5: 2014 Code of practice for safety of electrical installations — Part 5: Operation of electric supply lines, communication lines and equipment**

This part of EAS 811 specifies the practical work requirements to be followed during installation, operation and maintenance of electric supply and communications lines and equipment as a means of safeguarding employees and the public from injury.



**378. EAS 812-1:2014 Liquid hand wash — Specification — Part 1: Synthetic and combined (soap and synthetic) hand wash.**

This part 1 of the East African standard specifies the requirements and methods of test for synthetic and combined (soap and synthetic) hand wash. This standard does not apply to soap-based hand wash.

ICS 71.100.40 HS 3402.11.00; HS 3402.12.00; HS 3402.13.00; HS 3402.19.00 11 pages

**379. EAS 814:2014 Determination of biodegradability of surfactants — Test method**

This East African Standard (prescribes a method for the determination of biodegradability of surfactants and for assessment of results, for both anionic and non-ionic surfactants. The method is applicable to anionic and non-ionic surfactants separately, but directly applicable to surfactant mixtures. Reference standards of both biologically "hard" and "soft" surfactants are nominated for both anionics and non-ionics. The reference standards apply to detergents for household use only.

ICS 71.100.40 ; HS 3402.11.00; HS 3402.12.00; HS 3402.13.00; HS 3402.19.00 ..33 pages

**380. EAS 815:2014 Soap noodles — Specification**

This East African Standard specifies requirements and methods of test for soap noodles used as an intermediate product for subsequent conversion into a marketable soap.

ICS 71.100.40 ; HS 3401.11.00 11 pages

**381. EAS 816 -1:2014 Synthetic liquid laundry detergents -Specification - Part 1: Hand wash**

This East African Standard specifies the requirements and methods of sampling and test for hand wash synthetic liquid laundry detergents.

ICS 71.100.40 ; HS 3402.11.00; HS 3402.12.00; HS 3402.13.00; HS 3402.19.00 9 pages

**382. EAS 816-2: 2014 Synthetic liquid laundry detergents - Specification -Part 2: Machine wash**

This East African Standard specifies the requirements and methods of sampling and test for machine wash synthetic liquid laundry detergents.

ICS 71.100.40 ; HS 3402.11.00; HS 3402.12.00; HS 3402.13.00; HS 3402.19.00 11 pages

**383. EAS 817:2014 Stain remover for tableware – Specification**

This East African Standard specifies the requirements and methods of test for a stain remover used in hard or soft water to remove coffee, tea and other adsorbed food stains, primarily from plastic tableware, by immersion.

NOTE: The stain remover may also be used on glass and china tableware, although it is not intended for this purpose. It may also be used to remove stains from coffee urns, except those made of aluminium

ICS 71.100.40 HS 3402.11.00; HS 3402.20.90; HS 3402.13.00; HS 3402.19.00 13 pages

**384. EAS 818: 2014 Sugar cane jaggery – Specification**

This East African Standard specifies requirements and methods of sampling and test for sugar cane jaggery

ICS 67.180.10 HS 1701.12.10 5 pages

**385. EAS 819: 2014 Molasses – Specification**

This East African Standard specifies requirements and methods of sampling and test for molasses for industrial use.

**386. EAS 820: 2014 Dextrose monohydrate (glucose powder) – Specification**

This East African Standard specifies the requirements and methods of sampling and test for dextrose monohydrate (glucose powder) intended for human consumption as food and industrial applications. This standard does not apply to dextrose monohydrate for intravenous applications.

ICS 67.180.10 HS 1702 8 pages

**387. EAS 821:2015, Maize seed — Requirements for certification (1<sup>st</sup> edition)***Error! Bookmark not defined.*

This East African Standard specifies the certification requirements for the production of pre-basic, basic and certified seed of sorghum (*Sorghum bicolor* (L.) Moench). It includes requirements for eligible varieties, field standards, field inspections, seed sampling, laboratory standards, certificates, packaging and labeling, and post control tests.

ICS 65.020.20 HS 0701.10.00 17 pages

**388. EAS 822: 2015, Sorghum seed— Requirements for certification (1<sup>st</sup> edition)**

This East African Standard specifies the certification requirements for the production of pre-basic, basic and certified seed of sorghum (*Sorghum bicolor* (L.) Moench). It includes requirements for eligible varieties, field standards, field inspections, seed sampling, laboratory standards, certificates, packaging and labeling, and post control tests.

ICS 65.020.20 HS 0701.10.00 17 pages

**389. EAS 823: 2015, Sunflower seed — Requirements for certification (1<sup>st</sup> Edition)**

This East African Standard specifies the certification requirements for the production of pre-basic, basic and certified seed of sunflower (*Helianthus annuus* L.). It includes requirements for eligible varieties, field standards, field inspections, seed sampling, laboratory standards, certificates, packaging and labelling, and post-control tests.

ICS 65.020.20 HS 0701.10.00 17 pages

**390. EAS 824: 2015, Soybean seed— Requirements for certification (1<sup>st</sup> Edition)**

This East African Standard specifies the certification requirements for the production of pre-basic, basic and certified seed of soybean (*Glycine max*(L.) Merrill). It includes requirements for eligible varieties, field standards, field inspections, seed sampling, laboratory standards, certificates, packaging and labelling, and post-control tests

ICS 65.020.20 HS 0701.10.00 17 pages

**391. EAS 825: 2015, Groundnut seed— Requirements for certification (1<sup>st</sup> edition)**

This East African Standard specifies the certification requirements for the production of pre-basic, basic and certified seed of groundnut (*Arachis hypogaea* L.). It includes requirements for eligible varieties, field standards, field inspections, seed sampling, laboratory standards, certificates, packaging and labelling, and post-control tests.

ICS 65.020.20 HS 0701.10.00 16 pages

**392. EAS 826: 2016, Dried silver cyprinid (*Rastrineobola argentea*) — Specification**

This EAS specifies requirements and methods of sampling and test for dried silver cyprinid (*Rastrineobola argentea*)

ICS 67.120.30 HS 0305 8 pages

**393. EAS 827:2016, Fresh and frozen whole fin fish— Specification**

This FDEAS specifies requirements and methods of sampling and test for fresh and frozen whole fin fish.

ICS 67.120.30 HS 0303 5 pages

**394. EAS 828:2016, *Dried and salted dried fish — Specification***

This EAS specifies requirements and methods of sampling and test for dried and salted dried fish. This standard does not apply to *Rastrineobola argentea* and smoked fish.

ICS 67.120.30 6 pages

**395. EAS 829:2016, *Transport of live fish seeds for aquaculture purposes — Code of practice***

This EAS prescribes conditions for the handling and transportation of live fish seeds for aquaculture purposes.

ICS 67.120.30 HS 0301.99.00 6 pages

**396. EAS 830:2016, *Frozen fish sticks (fish fingers), fish portions and fish fillets – breaded or in batter - Specification***

This EAS specifies requirements and methods of sampling and test for frozen fish sticks (fish fingers), fish portions and fish fillets – breaded or in batter, intended for human consumption.

ICS 67.120.30 HS 0303 5 pages

**397. EAS 831: 2016, *Frozen fish fillets - Specification***

This EAS specifies requirements and methods of sampling and test for frozen fish fillets intended for human consumption.

ICS 67.120.30 HS 0303 4 pages

**398. EAS 832:2016, *Fish industry - Operational cleanliness and hygiene –Guideline***

This EAS covers guidelines for operational cleanliness and hygiene in the fish industry.

ICS 67.120.30 HS 0301.99.00 8 pages

**399. EAS 833:2016 *Processing and handling of dried fish and fish products –Code of practice***

This EAS prescribes guidelines for processing and handling of dried fish and fish products intended for human consumption.

ICS 67.120.30 HS 0305 5 pages

**400. EAS 834:2016, *Processing and handling of salted fish and fish products –Code of practice***

This EAS prescribes guidelines for processing and handling of salted fish and fish products intended for human consumption.

ICS 67.120.30 HS 0305 8 pages

**401. EAS 835-1: 2017, *Bath preparations - Part 1: Synthetic detergentbased foam baths and shower gels –Specification***

This East African Standard specifies the requirements, sampling and test methods for synthetic foam baths and shower gels. This East African Standard covers synthetic detergent-based foam baths (also referred to as cream baths), shower gels (also referred to as body wash, cream wash, cream shower, bath shower, and shower shampoo), and other such related products. This East African Standard does not apply to bath salts, bath oils, bath powders, and soap-based bath and shower products. This standard does not apply to medicinal products for which therapeutic claims are made.

ICS 71.100.70 HS 3401.30.50 6 pages

**402. EAS 837: 2017, *Avocado oil for cosmetic industry - Specification***

This East African Standard specifies the requirements, sampling and test methods for avocado oil for use as a raw material in the cosmetic industry.

This East African Standard does not apply to packaged avocado oil, ready for use.

ICS 71.100.70 HS 1515.50.00 ; 1515.90.80 ; 1515.90.90 6 pages

- 403. EAS 840: 2017, Shaving cream - Specification**  
 This East African Standard specifies the requirements, sampling and test methods for shaving creams.  
 This East African Standard covers two types of shaving cream: □ Type 1; and □ Type 2.  
 ICS 71.100.70 HS 3401.30.12 6 pages
- 404. EAS 841: 2017, Hair oils - Specification**  
 This East African Standard specifies the requirements, sampling and test methods for hair oils.  
 This East African Standard covers three types of hair oils as follows: □ Type 1; □ Type 2; and □ Type 3.  
 ICS 71.100.70 HS 3305.90.30 5 pages
- 405. EAS 842-1: 2017, Hair shampoo - Part 1: Soap based - Specification**  
 This East African Standard specifies requirements, sampling and test methods for soap-based hair shampoo.  
 ICS 71.100.70 HS 3305.10.00 7 pages
- 406. EAS 842-2: 2017, Hair shampoo - Part 2: Synthetic detergent - based - Specification**  
 This East African Standard prescribes the requirements, sampling and test methods for synthetic detergent-based hair shampoo  
 ICS 71.100.70 HS 3305.10.00 11 pages
- 407. EAS 844: 2017, Aryl di-amine-based liquid oxidation hair dyes - Specification**  
 This East African Standard specifies requirements, sampling and test methods for permanent liquid oxidation hair dyes which are aryl di-amine based.  
 This East African Standard does not apply to powder hair dyes, plant-based hair dyes, and metallic-based hair dyes (temporary).  
 ICS 71.100.70 HS 3305.90.00 ; HS 3305.90.40 11 pages
- 408. EAS 845: 2017, Cosmetic pencils - Specification**  
 This East African Standard specifies the requirements, sampling and test methods for cosmetic pencils. The standard covers four types of cosmetic pencils:  
 a)eye-brow pencil;  
 b)eye-liner pencil;  
 c)bindi pencil; and  
 d)lip-liner pencil.  
 ICS 71.100.70 HS 3304.99.00 ; 3305.90.40 11 pages
- 409. EAS 846: 2017, Glossary of terms relating to the cosmetic industry**  
 This East African Standard defines the terms relating to the cosmetic industry.  
 ICS 71.100.70 HS 3302; HS 3303; HS 3304; HS 3305; HS 3306; HS 3307 11 pages
- 410. EAS 847-1:2017, Cosmetics - Analytical methods - Part 1: Glossary of terms**  
 This East African Standard defines terms used in the test methods for oils for cosmetic industry.  
 This East African Standard does not deal with the specifications of the oils or fats.  
 ICS 71.100.70 HS 3302; HS 3303; HS 3304; HS 3305; HS 3306; HS 3307.....3 pages
- 411. EAS 847-2: 2017, Cosmetics - Analytical methods - Part 2: Determination of moisture content and volatile matter content .**  
 This East African Standard prescribes the test methods for the determination of moisture content and volatile matter content in oils for cosmetic industry.  
 ICS 71.100.70 HS 3302; HS 3303; HS 3304; HS 3305; HS 3306; HS 3307 10 pages

- 412. EAS 847-3: 2017, Cosmetics - Analytical methods - Part 3: Determination of insoluble impurities**  
This East African Standard prescribes the test method for the determination of insoluble impurities in oils for cosmetic industry.  
ICS 71.100.70 HS 3302; HS 3303; HS 3304; HS 3305; HS 3306; HS 3307 3 pages
- 413. EAS 847-4: 2017, Cosmetics - Analytical methods - Part 4: Determination of acid value and free fatty acids .**  
This East African Standard prescribes the test method for the determination of acid value and free fatty acids in oils for cosmetic industry.  
ICS 71.100.70 N HS 3302; HS 3303; HS 3304; HS 3305; HS 3306; HS 3307 4 pages
- 414. EAS 847-5: 2017, Cosmetics - Analytical methods - Part 5: Determination of unsaponifiable matter**  
This East African Standard prescribes the test method for the determination of unsaponifiable matter.  
ICS 71.100.70 HS 3302; HS 3303; HS 3304; HS 3305; HS 3306; HS 3307 4 pages
- 415. EAS 847-6: 2017, Cosmetics - Analytical methods - Part 6: Determination of melting point**  
This East African Standard prescribes the test methods for the determination of melting point of oils in the cosmetic industry.  
ICS 71.100.70 HS 3302; HS 3303; HS 3304; HS 3305; HS 3306; HS 3307 4 pages
- 416. EAS 847-7: 2017, Cosmetics - Analytical methods - Part 7: Determination of specific gravity**  
This East African Standard prescribes the requirements, sampling and test methods for synthetic detergent-based hair shampoo.  
ICS 71.100.70 HS 3302; HS 3303; HS 3304; HS 3305; HS 3306; HS 3307 6 pages
- 417. EAS 847-8: 2017, Cosmetics - Analytical methods - Part 8: Titre test**  
This East African Standard prescribes the test method for the determination of the solidification (titre) point of fatty acids for oils in the cosmetic industry.  
ICS 71.100.70 HS 3302; HS 3303; HS 3304; HS 3305; HS 3306; HS 3307 4 pages
- 418. EAS 847-9: 2017, Cosmetics - Analytical methods - Part 9: Determination of colour**  
This East African Standard prescribes the test method for the determination of colour in oils for cosmetic industry  
ICS 71.100.70 HS 3302; HS 3303; HS 3304; HS 3305; HS 3306; HS 3307 4 pages
- 419. EAS 847-10: 2017- Cosmetics - Analytical methods - Part 10: Determination of acetyl value and hydroxyl value**  
This East African Standard prescribes the test methods for the determination of acetyl value and hydroxyl value in oils for cosmetic industry.  
ICS 71.100.70 HS 3302; HS 3303; HS 3304; HS 3305; HS 3306; HS 3307 6 pages
- 420. EAS 847-11: 2017- Cosmetics - Analytical methods - Part 11: Determination of allyl isothiocyanate**  
This East African Standard prescribes the test method for the determination of allyl isothiocyanate in oils for cosmetic industry.  
ICS 71.100.70 HS 3302; HS 3303; HS 3304; HS 3305; HS 3306; HS 3307 4 pages

- 421. EAS 847-12: 2017- Cosmetics - Analytical methods - Part 12: Determination of flash point by Pensky Martens closed cap tester**  
This East African Standard prescribes the test method for the determination of flash point by Pensky-Martens closed cap tester in oils for cosmetic industry.
- ICS 71.100.70      HS 3302; HS 3303; HS 3304; HS 3305; HS 3306; HS 3307      4 pages
- 422. EAS 847-13: 2017- Cosmetics - Analytical methods - Part 13: Determination of rancidity**  
This East African Standard prescribes the test method for the determination of rancidity.
- ICS 71.100.70    HS 3302; HS 3303; HS 3304; HS 3305; HS 3306; HS 3307 4 pages
- 423. EAS 847-14: 2017- Cosmetics - Analytical methods - Part 14: Determination of Polenske value**  
This East African Standard prescribes the test method for the determination of Polenske value.
- ICS 71.100.70    HS 3302; HS 3303; HS 3304; HS 3305; HS 3306; HS 3307 6 pages
- 424. EAS 847-15: 2017- Cosmetics - Analytical methods - Part 15: Determination of ash content**  
This East African Standard prescribes the test method for the determination of ash content in cosmetics and oils for cosmetic industry.
- ICS 71.100.70    HS 3302; HS 3303; HS 3304; HS 3305; HS 3306; HS 3307      4 pages
- 425. EAS 847-16: 2017- Cosmetics - Analytical methods - Part 16: Determination of lead, mercury and arsenic content**  
This East African Standard prescribes methods for the determination of lead, mercury and arsenic content in cosmetics and oils for cosmetic industry.
- ICS 71.100.70    HS 3302; HS 3303; HS 3304; HS 3305; HS 3306; HS 3307      11 pages
- 426. EAS 847-17: 2017- Cosmetics - Analytical methods - Part 17: Determination of pH**  
This test method prescribes the procedures for the determination of pH in cosmetics and oils for cosmetics industry.
- ICS 71.100.70    HS 3302; HS 3303; HS 3304; HS 3305; HS 3306; HS 3307      4 pages
- 427. EAS 847-18: 2017- Cosmetics - Analytical methods - Part 18: Determination of thermal stability**  
This test method prescribes the procedure for the determination of thermal stability in cosmetics.
- ICS 71.100.70    HS 3302; HS 3303; HS 3304; HS 3305; HS 3306; HS 3307      4 pages
- 428. EAS 847-19: 2017- Cosmetics - Analytical methods - Part 19: Determination of non- ionic, anionic and cationic surfactant content**  
This test method prescribes the procedure for the determination of nonionic, anionic and cationic surfactant content in cosmetics.
- ICS 71.100.70    HS 3302; HS 3303; HS 3304; HS 3305; HS 3306; HS 3307      4 pages
- 429. EAS 847-20: 2017- Cosmetics - Analytical methods - Part 20: Determination of lather volume (foaming power)**  
This test method prescribes the procedure for the determination of lather volume (foaming power) in cosmetics.
- ICS 71.100.70    HS 3302; HS 3303; HS 3304; HS 3305; HS 3306; HS 3307 5 pages
- 430. EAS 847-21: 2017- Cosmetics - Analytical methods - Part 21: Determination of free acid in oils**

This test method prescribes the procedure for the determination of free acid in cosmetics and oils for cosmetic industry.

ICS 71.100.70      HS 3302; HS 3303; HS 3304; HS 3305; HS 3306; HS 3307      4 pages

**431. EAS 847-22: 2017- Cosmetics - Analytical methods - Part 22: Determination of sulphur and sulphides in oils**

This test method prescribes the procedure for the determination of sulphur and sulphides in oils.

ICS 71.100.70    HS 3302; HS 3303; HS 3304; HS 3305; HS 3306; HS 3307      4 pages

**432. EAS 847-23: 2017- Cosmetics - Analytical methods - Part 23: Test for absence of grit in powders**

This test method prescribes the procedure for the determination of absence of grit in powders.

ICS 71.100.70    HS 3302; HS 3303; HS 3304; HS 3305; HS 3306; HS 3307      4 pages

**433. EAS 847-24: 2017- Cosmetics - Analytical methods - Part 24: Determination of matter insoluble in boiling water**

This test method prescribes the procedure for the determination of matter insoluble in boiling water in powders.

ICS 71.100.70    HS 3302; HS 3303; HS 3304; HS 3305; HS 3306; HS 3307    4 pages

**434. EAS 847-25: 2017- Cosmetics - Analytical methods - Part 25: Determination of fineness**

This test method prescribes the procedure for the determination of fineness in powders.

ICS 71.100.70    HS 3302; HS 3303; HS 3304; HS 3305; HS 3306; HS 3307      4 pages

**435. EAS 847-26: 2017- Cosmetics - Analytical methods - Part 26: Determination of boric acid**

This test method prescribes the procedure for the determination of boric acid in    powders.

ICS 71.100.70    HS 3302; HS 3303; HS 3304; HS 3305; HS 3306; HS 3307    4 pages

**436. EAS 847-27: 2017- Cosmetics - Analytical methods - Part 27: Determination of total fatty substance by gravimetric method**

This test method prescribes the procedure for the gravimetric determination of total fatty substance for cosmetics and oils in the cosmetic industry.

ICS 71.100.70    HS 3302; HS 3303; HS 3304; HS 3305; HS 3306; HS 3307      4 pages

**437. EAS 847-28: 2017-Cosmetics - Analytical methods - Part 28: Determination of free caustic alkali.**

This test method prescribes the procedure for the determination of free caustic alkali in cosmetics.

ICS 71.100.70    HS 3302; HS 3303; HS 3304; HS 3305; HS 3306; HS 3307    4 pages

**438. EAS 848: 2015, Water-thinned priming paints for wood — Specification/ Amendment 1: 2019**

This East African Standard specifies requirements, sampling and test methods for water-thinned priming paints intended for application by brush, roller spray or any other suitable method to the exterior and interior of soft wood joinery.

ICS 87.040    HS 3208; 3209 ; 3210      8 pages

**439. EAS 849: 2015, Silk (sheen) emulsion paint for interior use — Specification/ Amendment 1: 2019**

This East African Standard specifies requirements, sampling and test methods for silk (sheen) emulsion paint for interior use.

ICS 87.040    HS 3208; 3209 ; 3210      15 pages

- 440. EAS 850: 2016, Matt solvent-borne paint for interior and exterior use — Specification/ Amendment 1: 2019**  
This East African Standard specifies requirements, sampling and test methods for matt solvent borne paint for interior and exterior use, intended for application by brush, spray or roller and any other suitable method.
- ICS 87.040 HS 3208 ; 3209 ; 3210 14 pages
- 441. EAS 851: 2016, Matt emulsion paint for interior and exterior use — Specification/ Amendment 1: 2019**  
This East African Standard specifies requirements, sampling and test methods for matt emulsion paint for interior and exterior use.
- ICS 87.040 HS 3208 ; 3209 ; 3210 15 pages
- 442. EAS 852: 2016, Air-dried roofing paint — Specification/ Amendment 1: 2019**  
This East African Standard specifies requirements, sampling and test methods for solvent-borne air dried roofing paint for use on galvanized iron sheet, zinc and zinc alloy coated steel.
- ICS 87.040 HS 3208 ; 3209 ; 3210 7 pages
- 443. EAS 853-1: 2016, Auto-refinishing paint — Specification — Part 1: Synthetic resin based/ Amendment 1: 2019**  
This East African Standard specifies the requirements, sampling and test methods for auto-refinishing paint, synthetic resin based.
- ICS 87.040; HS 3208; 3209; 3210 9 pages
- 444. EAS 853-2: 2016, Auto refinishing paint — Specification — Part 2: Nitrocellulose resin based/ Amendment 1: 2019;**  
This East African Standard specifies the requirements, sampling and test methods for auto refinishing paint, nitrocellulose resin based.
- ICS 87.040 HS 3208 ; 3209 ; 3210 9 pages
- 445. EAS 854: 2016, Thinner for nitrocellulose resin-based paints and lacquers — Specification**  
This East African Standard specifies requirements, sampling and test methods for thinners for nitrocellulose resin- based paints and lacquers.
- ICS 87.040 HS 3208 ; 3209 ; 3210 6 pages
- 446. EAS 855: 2016, Thinner for synthetic resin-based auto-refinishing paints — Specification**  
This East African Standard specifies requirements, sampling and test methods for thinners for synthetic resin-based auto refinishing paints.
- ICS 87.040 HS 3208 ; 3209 ; 3210 5 pages
- 447. EAS 856: 2016, Two-Pack acrylic resin-based auto-refinishing paint — Specification/ Amendment 1:2019**  
This East African Standard specifies requirements, sampling and test methods for thinners for two-pack acrylic resin-based auto-refinishing paint.
- ICS 87.040 HS 3208; 3209; 3210 5 pages
- 448. EAS 857: 2016, Thinner for acrylic resin based auto-refinishing paints — Specification**  
This East African Standard specifies requirements, sampling and test methods for thinner for acrylic resin based auto-refinishing paints.
- ICS 85.080.01 HS 3208; 3209; 3210 11 Pages
- 449. EAS 858: 2017, Base paper for carbon paper - Specification**



This East African Standard specifies requirements, sampling and methods of test for base paper for carbon paper.

ICS 85.080.01 HS 4803.00.00; HS 4818.10.00 6 pages

**450. EAS 859 2017, Paper bags - Specification**

This East African Standard specifies requirements and test methods for gusseted paper bags that have rectangular bottoms and are intended primarily for packaging and/or carrying items.

ICS 85.080.01 HS 4803.00.00; HS 4818.10.00 6 pages

**451. EAS 860 2017, Base paper for waxed paper for bread wrap - Specification**

This East African Standard specifies requirements, sampling and test methods for base paper for waxed bread wrap.

ICS 85.080.01 HS 4803.00.00; HS 4818.10.00 6 pages

**452. EAS 861:2017; Paper serviettes (napkins) - Specification**

This East African Standard specifies requirements, sampling and test methods for virgin, blended or recycled pulp paper serviettes (napkins) in sheet form used for hygienic purposes.

ICS 85.080.99 HS 4803.00.00; HS 4818.10.00 7 pages

**453. EAS 862: 2017, Facial tissue paper - Specification**

This East African Standard specifies the requirements, methods of sampling and test for facial tissue paper in sheet form for facial hygiene.

ICS 85.080.20 HS 4803.00.00; HS 4818.10.00 8 pages

**454. EAS 863:2017, Paper and board - Cut-size for general purpose - Specification**

This East African Standard prescribes the requirements and methods of test for general purpose paper used for printing, writing, typing and duplicating.

ICS 85.080.01 HS 4803.00.00; HS 4818.10.00 5 pages

**455. EAS 864:2017; Photocopy paper - Specification**

This East African Standard prescribes requirements, methods of sampling and test for photocopy paper.

ICS 85.080.10 HS 4803.00.00; HS 4818.10.00 6 pages

**456. EAS 865: 2017; Corrugated fibre board boxes for general packaging -Specification**

This East African Standard specifies requirements, sampling and test methods for corrugated fibreboard boxes for general packaging. This standard does not include special treatment measures of the boxes in case of expected contamination of the contents.

ICS 85.080.30 HS 4803.00.00; HS 4818.10.00 16 pages

**457. EAS 866:2017; Paper sacks for packaging of cement - Specification**

This East African Standard specifies requirements, sampling and test methods for valve sewn-gusseted and valve-pasted ends paper sacks for packaging of cement.

ICS 85.080.99 HS 4803.00.00; HS 4818.10.00 10 pages

**458. EAS 867: 2017; Waxed paper for bread wrap - Specification**

This East African standard specifies requirements and test methods for waxed paper for bread and confectionary products wrap.

ICS 85.080.01 HS 4803.00.00; HS 4818.10.00 16 pages

**459. EAS 868: 2017; Natural and extensible kraft paper- Specification**

This East African Standard specifies requirements and test methods for natural and extensible sack Kraft paper.

ICS 85.080.01 HS 4803.00.00; HS 4818.10.00 4 pages

**460. EAS 869:2017; Wrapping paper - Specification**

This East African Standard specifies requirements and test methods for paper used for wrapping items such as gifts among others.

ICS 85.080.01 HS 4803.00.00; HS 4818.10.00 6 pages

**461. EAS 870:2017 - Crackers from marine and freshwater fish, crustacean and molluscan shellfish - Specification**

This East African Standard (EAS) specifies requirements, sampling and test methods for crackers prepared from marine and freshwater fish, crustacean and molluscan shellfish.

This East African Standard does not include ready-to-eat fried as well as artificially flavored fish, crustacean and molluscan shellfish crackers.

ICS 67.120.30 HS 0306 6 pages

**462. EAS 871:2017 - Fish sausages - Specification**

This East African Standard (EAS) specifies requirements, sampling and test methods for fish sausages intended for human consumption.

This East African Standard applies to fresh fish sausage, smoked fish sausage, dried fish sausage and fermented fish sausage.

ICS 67.120.30 HS 0301.99.00 8 pages

**463. EAS 872:2017 - Frozen octopus - Specification**

This East African Standard (EAS) specifies requirements, sampling and test methods for frozen octopus intended for human consumption.

ICS 67.120.30 HS 0303 6 pages

**464. EAS 873:2017 - Frozen tuna loins - Specification**

This East African Standard (EAS) specifies requirements, sampling and test methods for frozen tuna loins intended for human consumption.

ICS 67.120.30 HS 0303 6 pages

**465. EAS 874:2017 - Processing and handling of prawns and shrimp - Code of practice**

This East African standard (EAS) prescribes guidelines for processing and handling of prawns or shrimps intended for human consumption.

ICS 67.120.30 HS 0306.16.00 8 pages

**466. EAS 875:2017- Quick frozen prawns and shrimps - Specification**

This East African Standard (EAS) specifies requirements, sampling and test methods for quick frozen prawns or shrimps.

ICS 67.120.30 HS 0306.16.00 6 pages

**467. EAS 876:2017- Smoked fish, smoke flavoured fish and smoke-dried fish - Specification**

This East African Standard (EAS) specifies requirements, sampling and test methods for smoked fish, smoke flavoured fish and smoke-dried fish intended for human consumption.

This East African Standard covers all fish species.

ICS 67.120.30 HS 0305 6 pages

**468. EAS 877: 2017; Bathing bar - Specification**

This East African Standard specifies requirements, sampling and test methods for bathing bars.

This East African Standard applies to bathing bars supplied in the form of bars/cakes and

produced from vegetable or animal oils or fats, fatty acids, or from a blend of all or part of these materials, with or without the addition of rosins or non-soapy surfactants.

**469. EAS 878: 2017; Antibacterial bathing bar - Specification**

This East African Standard specifies the requirements, sampling and test methods for solid antibacterial bathing bars. This East African Standard applies to antibacterial bathing bars supplied in the form of bars/cakes and produced from vegetable or animal oils or fats, fatty acids, or from a blend of all or part of these materials, with or without the addition of rosins or non-soapy surfactants.

ICS 71.100.40 HS 3401.11.00 27 pages

**470. EAS 879:2018, Aluminium cans for beverages — Specification (1st Edition)**

This East African Standard specifies requirements and test methods for Aluminium cans used as primary pack for packaging of beverages

ICS 55.120 HS 7612 9 pages

**471. EAS 880:2018, Waxed paper for packaging of confectionery — Specification (1st Edition)**

This East African Standard specifies the requirements and test methods for waxed paper for packaging of confectionery.

ICS 55.040 HS 4819.10.00 22 pages

**472. EAS 881:2018, Packaging — Flexible tubes — Determination of the air tightness of closures — Test method (1st Edition)**

This East African Standard specifies a test method for air tightness of the closures for flexible tubes. It is applicable to flexible single-layer metal or plastics tubes, and multilayer or laminated tubes, used for packing pharmaceutical, cosmetic, hygiene, food and other domestic and industrial products.

ICS 55.120 HS 3923 3 pages

**473. EAS 882:2018, Packaging — Flexible carrier bags — Specification (1st Edition)**

This East African Standard specifies requirements, sampling and test methods for flexible carrier bags made of paper and any other flexible material. This standard does not apply to carrier bags made from thermoplastic material.

ICS 55.080 HS 4819.10.00; HS 4823 5 pages

**474. EAS 884:2018, Packaging — Flexible tubes — Determination of puncture resistance — Test method (1st Edition)**

This East African Standard specifies a test method for determining the puncture resistance of flexible packaging materials. The method is applicable to multilayer flexible packaging materials.

ICS 55.120 HS 3923 5 pages

**475. EAS 886:2018, Packaging — Flexible packaging material — Determination of residual solvents by headspace gas chromatography — Test method (1st Edition)**

This East African Standard prescribes a method for the quantitative determination of residual solvents in flexible packaging materials by headspace gas chromatography. Residues from thermal decomposition products are not within the scope of this standard. The method is applicable to flexible packaging materials that may consist of mono- or multilayer plastic films, paper or board, foil or combinations thereof.

ICS 55.040 HS 4819.10.00 6 pages

**476. EAS 887:2018, Crude and semi-refined palm oil — Specification (1st Edition)**

This East African standard specifies the requirements, sampling and test methods for crude and semi refined (neutralized and/or bleached) palm oil derived from the fleshy mesocarp of the fruit of oil palm (*Elaeis guineensis*) intended for further processing.

ICS 67.200.10 HS 1511.10.00 10 pages

- 477. EAS 888: 2018: Raw and roasted groundnuts – Specification (1st Edition )**  
This East Africa Standard specifies the requirements, sampling and test methods for raw and roasted groundnuts of the fruit of the plant *Arachis hypogaea* intended for direct human consumption. This standard applies to shelled raw and roasted/fried groundnuts kernels. It does not apply to groundnuts for further processing.
- ICS 67.200.10 HS 2008.11.00 10 pages
- 478. EAS 889:2018, Groundnuts for oil extraction – Specification (1st Edition)**  
This East African Standard specifies the requirements, sampling and test methods for groundnuts of the fruit of the plant *Arachis hypogaea* intended for oil extraction. NOTE Groundnuts may also be referred to as shelled groundnuts or kernels.
- ICS 67.200.10 HS 2008.11.00 10 pages
- 479. EAS 890:2018, Blended edible oils – Specification (1st Edition)**  
This East Africa standard specifies the requirements, sampling and test methods for blended edible oils of plant origin intended for human consumption.
- ICS 67.200.10 HS 1515.19.00 ; HS 1515.90.00 10 pages
- 480. EAS 891:2017, Carrots — Specification**  
This East African Standard specifies requirements, sampling and test methods for carrots of varieties (cultivars) grown from *Daucus carota*(L.) of Apiaceae family to be supplied fresh to the consumer.
- ICS 67.080.20 HS 0706 8 Pages
- 481. EAS 892:2017, Banana — Specification**  
This East Africa Standard specifies the requirements, sampling and test methods for fresh sweet banana of *Musa* spp, Musaceae family, in an unripe or ripe state, to be supplied to the consumer. Bananas intended for cooking (plantains and East Africa highland banana) or industrial processing are excluded.
- ICS 67.080.20 HS 0803 8 Pages
- 482. EAS 893:2017, Chilli sauce — Specification**  
This East African Standard specifies requirements, sampling and test methods for chilli sauce for human consumption.
- ICS 67.080.20 HS 2103.90.20 6 Pages
- 483. EAS 894:2017, Onions — Specification**  
This East African standard specifies the requirements, sampling and tests methods for fresh bulb onions *Allium cepa*(L.) of the family Alliaceae to be supplied to the consumer.  
This East African Standard does not apply to onions for industrial processing.
- ICS 67.080.20 HS 0703.10.10 6 Pages
- 484. EAS 895:2017, Fish protein concentrate - Specification**  
This East African Standard specifies requirements, sampling and test methods for fish protein concentrate intended for human consumption.
- ICS 67.120.30 HS 0301.99.00 6 pages
- 485. EAS 896:2017, Fried fish - Specification**  
This East African Standard specifies requirements, sampling and test methods for fried fish of all species, which may be whole or portions intended for human consumption.
- ICS 67.120.30 HS 0305 6 pages

- 486. EAS 897:2017, frozen lobster tails - Specification**  
This East African Standard specifies requirements, sampling and test methods for frozen lobster tails of all the species of the genera *Panulirus*, *Thunnus* and *Peurulus* intended for human consumption.  
ICS 67.120.30      HS 0306.11.00      6 pages
- 487. EAS 898: 2017, Processing and handling of smoked fish, smoke - flavoured fish, smoke-dried fish and smoked fish products - Code of practice**  
This East African standard provides guidelines for processing, handling and storing of smoked fish, smoke-flavoured fish, smoke-dried fish and smoked fish products intended for human consumption.  
This code of practice applies to all fish species.  
ICS 67.120.30   HS 0305      4 pages
- 488. EAS 899: 2017, Tuna canned in oil - Specification**  
This East African Standard specifies requirements, sampling and test methods for tuna canned in oil intended for human consumption.  
ICS 67.120.30      HS 0302.29.00   8 pages
- 489. EAS 900: 2017- Cereals and pulses — Sampling**  
This East African Standard specifies requirements for the dynamic or static sampling, by manual or mechanical means, for assessment of compliance to East African standards for cereals, pulses and their products. This East African Standard is not applicable to seed grain.  
NOTE: The sampling of seed grain is governed by the rules established by the International Seed Testing Association (ISTA).  
ICS 67.060      HS 1008.90.00   32 pages
- 490. EAS 901: 2017- Cereals and pulses — Test methods**  
This East African Standard prescribes the test methods for cereals, pulses and their products.  
ICS 67.060      HS 1008.90.00   30 pages
- 491. EAS 902:2018; Bulk Liquefied Petroleum Gas (LPG) road tankers — Assembling — Requirements (1st Edition)**  
This East African Standard specifies requirements for vehicle, equipment, accessories and assembling thereof used to form a bulk LPG road tanker for safe transportation, filling, and discharge operations.  
ICS 75.100      HS 7311      32 pages
- 492. EAS 903:2018; Road tankers — Welded steel tanks for liquefied petroleum gas (LPG) — design and manufacture (1st Edition)**  
This East African standard specifies minimum requirements for materials, design, construction and workmanship procedures, and tests for welded LPG road tanker tanks and their welded attachments manufactured from carbon, carbon/manganese and micro alloy steels. this standard does not cover tanks for ISO type containers 1: General terms.  
ICS 75.100      HS 7311      52 pages
- 493. EAS 904: 2019, Fertilizers — Phosphate rock powder — Specification (1st Edition)**  
This East African Standard specifies requirements, sampling and test methods for phosphate rock fertilizers in powder form of biogenic sedimentary origin.  
ICS 65.080      HS 3103.90.00   5 pages
- 494. EAS 904: 2019, Fertilizers — Phosphate rock powder — Specification (1st Edition)**  
This East African Standard specifies requirements, sampling and test methods for phosphate rock fertilizers in powder form of biogenic sedimentary origin.  
ICS 65.080      HS 3103.90.00   5 pages

- 495. EAS 905: 2019, Fertilizers — Granulated phosphate rock — Specification (1st Edition)**  
This East African Standard specifies requirements, sampling and test methods for granulated phosphate rock fertilizers. The fertilizer shall contain phosphorus as the only predominant primary plant nutrient of biogenic sedimentary origin.  
ICS 65.080      HS 3103.90.00 5 pages
- 496. EAS 906: 2019, Fertilizers — Triple Superphosphate — Specification (1st Edition)**  
This East African Standard specifies requirements, sampling and test methods for Triple Superphosphate (TSP) fertilizer  
ICS 65.080      HS 3103      3 pages
- 497. EAS 907: 2019, Fertilizers — Potassium sulphate (sulphate of potash) — Specification (1st Edition)**  
This East African Standard specifies requirements, sampling and test methods for potassium sulphate (sulphate of potash) fertilizer.  
ICS 65.080      HS 3104.30.00 3 pages
- 498. EAS 908: 2019, Fertilizers — Potassium chloride (muriate of potash) — Specification (1st Edition)**  
This East African Standard specifies requirements, sampling and test methods for potassium chloride (muriate of potash) fertilizer.  
ICS 65.080      HS 3104.20.00 3 pages
- 499. EAS 909: 2019, Fertilizers — Calcium ammonium nitrate (CAN) — Specification (1st Edition)**  
This East African standard specifies requirements, sampling and test methods for calcium ammonium nitrate (CAN) fertilizer.  
ICS 65.080      HS 3102.60.00 5 pages
- 500. EAS 910: 2019, Fertilizers — Urea — Specification (1st Edition)**  
This East African Standard specifies the requirements, sampling and test methods for urea fertilizer.  
ICS 65.080      HS 3102.10.00 3 pages
- 501. EAS 911: 2019, Fertilizers — Ammonium sulphate (sulphate of ammonia) — Specification (1st Edition)**  
This East African Standard specifies requirements, sampling and test methods for ammonium sulphate fertilizer  
ICS 65.080      HS 3102.10.00 3 pages
- 502. EAS 912: 2019, Fertilizers — Nitrogen, Phosphorus, Potassium (NPK) Compound — Specification (1st Edition)**  
This East African Standard specifies requirements, sampling and test methods for NPK fertilizer (compound and blended).  
ICS 65.080      HS 3105.10.00; HS 3105.20.00 3 pages
- 503. EAS 913: 2019, Solid Fertilizers — Methods of sampling (1st Edition)**  
This East African Standard specifies methods for drawing test samples from bags, as well as drawing samples of bulk material from wagon, truck loads or from flowing streams and from transfer

ICS 65.080 HS 3105.90.00 5 pages

**504. EAS 914:2019 Mild steel nails — Specification (1st Edition)**

This East African Standard specifies requirements, sampling and test methods, tolerance on dimensions, finish and surface coating, for the mild steel nails for general applications

ICS 77.140.01 HS 7317.00.00 26 pages

**505. EAS 915: 2018 Ghee —Specification (1st Edition)**

This East African Standard specifies the requirements, sampling and test methods for ghee intended for human consumption.

ICS 67.100.20 HS 0405.90.00 5 pages

**506. EAS 916: 2019 Ginger Specification (1st Edition)**

This East African Standard specifies the requirements, sampling and test methods for dried ginger, of the species *Zingiber officinale* Roscoe, whole, in pieces and ground.

ICS 67.220.10 HS 2103 7 pages

**507. EAS 917: 2019 Turmeric Specification (1st Edition)**

This East African Standard specifies the requirements, sampling and test methods for dried turmeric, *Curcuma longa* (L). Whole, in pieces and ground.

ICS 67.220.10 HS 0910.30.00 6 pages

**508. EAS 918: 2019 Cloves Specification (1st Edition)**

This East African Standard specifies the requirements, sampling and test methods for cloves [*Syzygium aromaticum* (L.) Merril & Perry]

ICS 67.220.10 HS 0907.10.00; HS 0907.20.00 6 pages

**509. EAS 919: 2019 Pilau Masala Specification (1st Edition)**

This East African Standard specifies the requirements, sampling and test methods for pilau masala.

ICS 67.220.10 HS 2103.90.00 6 pages

**510. EAS 920:2019 Tea Masala Specification (1st Edition)**

This East African Standard specifies the requirements, sampling and test methods for tea masala which is used as a flavouring material in the preparation of tea

ICS 67.220.10 HS 2103.90.00 6 pages

**511. EAS 921: 2018 Green tea—Specification (1st Edition)**

This East African Standard specifies requirements, sampling and test methods for green tea of *Camellia sinensis* (Linnaeus) O. Kuntze.

This standard is not applicable to green tea subject to further processing such as decaffeination or further roasting. This standard does not apply to flavoured green tea

ICS 67.140.10 HS 0902.10.00; 0902.20.00 6 pages

**512. EAS 922: 2018 Flavoured black tea —Specification (1st Edition)**

This East African Standard specifies requirements, sampling and test methods for flavoured black tea

ICS 67.140.10 HS 0902 6 pages

**513. EAS 923:2018 Instant tea —Specification (1st Edition)**

This East African Standard specifies the requirements, sampling and test methods for instant tea of the species *Camellia sinensis* (Linneaus) O. Kuntze

ICS 67.140.10 HS 0902

4 pages

**514. EAS 924-1 2018, Handling, storage, and distribution of Liquefied Petroleum Gas (LPG) in domestic, commercial, and industrial installations — Code of practice — Part 1 Storage and filling sites for refillable LPG containers of capacity not exceeding 150 l (1st Edition)**

This East Africa Standard gives guidelines for the location, installation and operations of storage and filling sites for refillable liquefied petroleum gas (LPG) containers of capacity not exceeding 150 l. It identifies safe methods of filling and storing refillable containers and makes recommendations towards safe working procedures that cover all aspects of the storage and filling of refillable containers.

ICS 75.100 HS 7311

16 pages

**515. EAS 924-2 2018, Handling, storage, and distribution of Liquefied Petroleum Gas (LPG) in domestic, commercial, and industrial installations — Code of practice — Part 2, LPG installations involving gas storage vessels of individual water capacity exceeding 150 L and combined water capacity not exceeding 9 000 L per installation (1st Edition)**

This East African Standard gives guidelines for the layout, design and installation of butane, propane and LPG equipment and of storage vessels of combined water capacity not exceeding 9000 L. These guidelines cover storage vessels of individual water capacity exceeding 150 L and associated vaporizers, pipe work and fittings up to the outlet of the first pressure reduction stage in the line. Recommendations are also given in regard to the fitting of automatic and other devices (operative in the event of physical damage to the installation) for the purpose of ensuring maximum security, for the storage of the gas from a design point of view, and for limiting the escape of liquid through normal pressure-relief fittings. It does not cover refrigerated LPG storage.

ICS 75.100 HS 7311

29 pages

**516. EAS 925:2018; Inspection and testing of Liquefied Petroleum Gas (LPG) road tankers (1st Edition)**

This East African standard specifies minimum requirements for the inspection and testing of the LPG road tanker which includes its tank, tank accessories and vehicle LPG equipment.

ICS 75.100 HS 7311

28 pages

**517. EAS 926:2019- Varnishes for interior surfaces — Specification (1st Edition)**

This East African Standard specifies requirements, methods of sampling and test for varnishes used on interior surfaces such as wood, concrete, stones, metals etc.  
This Standard covers two types of varnishes namely type I and type II.

ICS 87.040 HS 3208; HS 3209; HS3210

16 pages

**518. EAS 927:2019- Road marking paints — Specification (1st Edition)**

This East African Standard specifies requirements, methods of sampling and test for solvent-borne and water-borne paints for marking on bituminous or concrete surfaces. It makes provision for white, yellow, and black colours

ICS 87.040 HS 3208; HS 3209; HS3210

23 pages

**519. EAS 928-1:2019 Hot applied thermoplastic road marking paint — Specification, Part 1, Constituent material and mixtures (1st Edition)**

This East African Standard specifies the requirements, methods of sampling and test for hot applied thermoplastic road marking paint and constituents that are melted and applied by spray, screed or extruded

ICS 87.040 HS 3208; HS 3209; HS3210

21 pages

**520. EAS 928-2:2019- Hot applied thermoplastic road marking paint — Specification — Part 2, Road performance Specification (1st Edition)**



This East African Standard specifies the performance requirements for thermoplastic material which have been melted and applied on road surfaces by spray, screed or extruded.

ICS 87.040 HS 3208; HS 3209; HS3210 10 pages

**521. EAS 929:2019- Solvent-based paint remover — Specification (1st Edition)**

This East African Standard specifies the requirements, methods of sampling and test for solvent-based paint removers. The paint removers are intended for general use on painted, varnished or lacquered on metal and other appropriate surfaces. Paint removers complying with this standard are considered not for use on items where attack on metals, caused by reaction between the metal and the paint remover, is regarded as critical. A number of plastic and wooden surfaces may also be seriously affected by constituents of these paint removers.

ICS 87.040 HS 3208; HS 3209; HS3210 18 pages

**522. EAS 930:2019 Paper and board food contact material — Specification (1st Edition)**

This East African Standard specifies the requirements, sampling and test methods for paper and board food contact packaging material

ICS 85.080.01 HS 4819 6 pages

**523. EAS 931:2019 Packaging ancillary materials — Code of practice — Desiccants (1st Edition)**

This East Africa Standard gives the guidelines on the selection and use of desiccants in packaging

ICS 85.080.01 HS 4819 10 pages

**524. EAS 932:2019 Paper Plates, Cups for food packaging — Specification (1st Edition)**

This East African Standard specifies the requirements, sampling and test methods for paper plates and cups, with or without lids, used for food packaging

ICS 85.080.01 HS 4819 8 pages

**525. EAS 933:2019 Paper and board intended to come into contact with foodstuffs — Determination of formaldehyde in an aqueous extract (1st Edition)**

This East African Standard specifies the determination of formaldehyde in aqueous extracts prepared from paper and board intended to come in contact with foodstuffs. The limit of determination is 1mg/kg.

ICS 85.080.01 HS 4819 6 pages

**526. EAS 934:2019 Packaging — Flexible laminate tubes — Test methods to assess the strength of the side seam (1st Edition)**

This East African Standard specifies methods for the assessment of the strength of the side seam of flexible laminate tubes

ICS 55.120 HS 3923 5 pages

**527. EAS 935:2019 Packaging code –Part1 Packaging in glass (1st Edition)**

This East African Standard gives guidelines on the manufacture, types, selection and use of glass containers for packaging.

ICS 55.100; 55.140 HS 7013 11 pages

**528. EAS 945:2019: Pickles –Specification (1st Edition)**

This East African Standard specifies the requirements, sampling and test methods for pickles intended for human consumption.

ICS 67.080 HS 2001; HS 2001.90.00 8 pages

**529. EAS 946:2019: dried mango- Specification (1st Edition)**

This East African Standard specifies the requirements, sampling and test methods for dried mango from *Mangifera indica* intended for direct human consumption or for other use in the food industry.

ICS 67.080      HS 0804.50.00      8 pages

**530. EAS 947:2019, Jams, jellies and marmalade- Specification (1st Edition)**

This East African Standard specifies the requirements, sampling and test methods for jams, jellies and marmalades intended for direct human consumption.

ICS 67.080      HS 2007.99.00      10 pages

**531. EAS 948: 2019: Fruit juices and nectars- Specification (1st Edition)**

This East Africa Standard specifies requirements, sampling and test methods for fruit juices, nectars and fruit puree and concentrated fruit puree intended for direct human consumption or for further processing

ICS 67.080.10; 67.160.20      HS 2009      19 pages

**532. EAS 973:2019, Compounded fish feeds — Specification (1st Edition)**

This East African Standard specifies requirements, method of sampling and test for compounded fish feeds used in aquaculture. It applies to tilapia and catfish feeds.

ICS 65.120      HS 2309.90.90      14 pages

**533. EAS 974:2018, Compounded dairy goat feeds — Specification (1st edition)**

This East African Standard specifies supplementary feeding requirements, methods of sampling and test for compounded dairy goat feeds.

ICS 65.120      HS 2309.90.90      12 pages

**534. EAS 983:2017, Carbon paper- Specification**

This East African Standard specifies requirements, sampling and test methods for carbon paper. It covers carbon papers for typewriting and carbon papers for handwriting with their respective grades.

ICS 85.080.01      HS 4803.00.00; HS 4818.10.00      12 pages

**535. EAS 988: 2018, Plastic crates — Specification (1st Edition)**

This East African Standard specifies the requirements and test methods for rigid plastic crates for holding and transportation of beverages, fruits, vegetables, bread and milk among others of used textile products

ICS 55.160      HS 3923      5 pages

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No.	Standard
1.	363-1:2005, Solar photovoltaic power systems- Test procedures for main components- Part 1: Test procedures for photovoltaic modules. <b>Was previously replaced with IEC 61215:2005 and IEC 61646: 2008</b>
2.	EAS 367:2005, Susceptibility of a photovoltaic module to accidental impact damage (resistance to impact test). <b>Being replaced with IEC 61730-1:2016 and IEC 61730-2:2016</b>
3.	EAS 366:2005, Characteristic parameters of stand-alone photovoltaic (PV) systems. <b>Being replaced with IEC/JTS 61836: 2016</b>
4.	EAS 363-3:2005, Solar photovoltaic power Systems-Test procedures for main components- Part 3: Test procedure for regulators. <b>Being replaced with IEC 62509:2010 and IEC 62093:2005</b>
5.	EAS 363-4: 2005, Solar photovoltaic power systems -Test procedures for main components- Part 4: Test procedures for inverters. <b>Being replaced with IEC 62109-1:2010, IEC 62109-2:2011 and IEC 61683:1999</b>
6.	EAS 363-5: 2005, Solar photovoltaic power Systems-Test procedures for main components- Part 5: Test procedures for luminaires. <b>Being replaced with IEC 60598-1:2014+AMD1:2017</b>
7.	EAS 368: 2005, Photovoltaic system performance monitoring — Guidelines for measurement, data exchange and analysis. <b>Being replaced with IEC 61724- 1:2017, IEC/TS 61724-2:2016 and IEC /TS 61724-3:2016</b>
8.	EAS 369: 2005, Crystalline silicon photovoltaic array-on-site measurement of I-V characteristics. <b>Being replaced with IEC 61829:2015</b>
9.	ISO 6579:2002, Microbiology of food and animal feeding stuffs — Part 6: Horizontal method for the detection of <i>Salmonella</i> spp. <b>Being replaced with ISO 6579-1</b>
10.	ASTM D 4053, Standard test method for benzene in motor and aviation gasoline by infrared spectroscopy
11.	ASTM D 5190, Standard test method for vapor pressure of petroleum products (Automatic method)
12.	IEC WT 01, System for Conformity Testing and Certification of Wind Turbines — Rules and procedures
13.	IEC/TR 61056-3 lead-acid cells and batteries (Valve-regulated types) — Part 3: Safety recommendations for use in electric appliances, Portable
14.	ISO 4469; Wood -- Determination of radial and tangential shrinkage
15.	ISO /TR 1417; Anchorages for automobile seat belts ¾ Specification
16.	ISO 10475, Valves for tubeless tyres and valves for tubes — Identification System for valves and their components
17.	ISO 13690; Cereals, pulses and milled products — Sampling of static batches.
18.	ISO 14042:2000, Environmental management — Life cycle assessment — Life cycle impact assessment
19.	ISO 14043:2000, Environmental management — Life cycle assessment — Life cycle interpretation
20.	ISO 14469-3:2006, Road vehicles — Compressed natural gas (CNG) refuelling connector — Part 3: 25 MPa (250 bar) connector
21.	ISO 14508, Road vehicles — Spark-plugs — Terminals
22.	ISO 14960, tyres — Valves and components — Test methods; Tubeless
23.	ISO 15152:2: 2003, Methods of test for tobacco and tobacco products — Part 2: Determination of total particulate matter (tar) in cigarette smoke using the filtrona 302 smoking machine
24.	ISO 161-1:1996 Thermoplastics pipes for the conveyance of fluids — nominal outside diameters and nominal pressures — part 1: metric series
25.	ISO 4422-1:1996 Pipes and fittings made of unplasticized poly(vinyl chloride) (pvc-u) for water supply — specifications — part 1: general [withdrawn]
26.	ISO 2504:1973, Radiography of welds and viewing conditions for films — Utilization of recommended patterns of image quality indicators (I.Q.I)
27.	ISO 2809 -4, Paints, varnishes, lacquers and enamels — Methods of test — Part 4: Determination of density
28.	ISO 2809-10-:76, Paints, varnishes, lacquers and enamels — Methods of test — Part 10: Determination of contrast ratio of light coloured paints at a fixed spreading rate (using black polyester film)
29.	ISO 2809-11-:76, Paints, varnishes, lacquers and enamels — Methods of test — Part 11: Determination of the effect of heat
30.	ISO 2809-13-:76 Paints, varnishes, lacquers and enamels — Methods of test — Part 13: Falling weight test (Impact test)

31.	ISO 2809-15-:76, Paints, varnishes, lacquers and enamels — Methods of test — Part 15: Determination of resistance to neutral salt spray (Corrosion test)
32.	ISO 2809-16-:76, Paints, varnishes, lacquers and enamels — Methods of test — Part 16: Flexibility test
33.	ISO 2809-17-:76, Paints, varnishes, lacquers and enamels — Methods of test — Part 17: Determination of flashpoint (closed cup equilibrium method)
34.	ISO 2809-3-:1976, Paints, varnishes, lacquers and enamels — Methods of test — Part 3: Determination of flow time by use of a flow cup
35.	ISO 2809-5-:76 Paints, varnishes, lacquers and enamels — Methods of test — Part 5: Determination of volatile and non-volatile matter
36.	ISO 2809-8-:76, Paints, varnishes, lacquers and enamels — Methods of test — Part 8: Determination of light fasteners for interior use
37.	ISO 2809-9-:76, Paints, varnishes, lacquers and enamels — Methods of test — Part 9: Determination of contrast ratio of light coloured paints at a fixed spreading rate (using black and white charts)
38.	ISO 2859-0; Sampling procedures for inspection by attributes — Part 0: Introduction to EAS 381 Attribute sampling system
39.	ISO 28859-1; Sampling procedures for inspection by attributes — Part 1: Sampling plans indexed by Quality Level (AQL) for Lot-By-Lot Inspection
40.	ISO 28859-2; Sampling procedures for inspection by attributes — Part 2: Sampling plans indexed by limiting Quality (LQ) for isolated lot inspection
41.	ISO 28859-3; Sampling procedures for inspection by attributes — Part 3: SKIP-LOT sampling procedures
42.	ISO 28859-4; Sampling procedures for inspection by attributes — Part 4: Procedures for assessment of declared quality levels
43.	ISO 303, Motor vehicle safety — Lights and light-signalling devices installed on motor vehicles and trailers
44.	ISO 3115, Petroleum products — Determination of cloud point
45.	ISO 3130; Wood -- Determination of moisture content for physical and mechanical tests
46.	ISO 3324-1, Aircraft tyres and rims — Part 1: Specifications
47.	ISO 3324-2, Aircraft tyres and rims — Part 2: Test methods for tyres
48.	ISO 3345; Wood -- Determination of ultimate tensile stress parallel to grain
49.	ISO 3346; Wood -- Determination of ultimate tensile stress perpendicular to grain
50.	ISO 3727-4; Butter — Methods of analysis — Part 4: Determination of salt content
51.	ISO 3984, Road vehicles $\frac{3}{4}$ Rear moving barrier impact test procedure
52.	ISO 4052; Coffee — Determination of caffeine content
53.	ISO 4251-3, Tyres (ply rating marked series) and rims for agricultural tractors and machines — Part 3: Rims
54.	ISO 4251-5, Tyres (ply rating marked series) and rims for agricultural tractors and machines — Part 5: Log skidder tyres
55.	ISO 4858; Wood -- Determination of volumetric shrinkage
56.	ISO 4859; Wood -- Determination of radial and tangential swelling
57.	ISO 4860; Wood -- Determination of volumetric swelling
58.	ISO 5537- 2, Milk powders $\frac{3}{4}$ Methods for the analysis $\frac{3}{4}$ Part 2: Determination of moisture content (Reference method)
59.	ISO 5537- 3, Milk powders $\frac{3}{4}$ Methods for the analysis $\frac{3}{4}$ Part 3: Determination of fat content — Gravimetric method (Reference method)
60.	ISO 5537- 4, Milk powders $\frac{3}{4}$ Evaporated milk and sweetened condensed milk — Methods for the analysis — Part 4: Determination of fat content — Gravimetric method (Reference method)
61.	ISO 5537- 5, Milk powders $\frac{3}{4}$ Methods for the analysis $\frac{3}{4}$ Part 5: Determination of nitrogen content $\frac{3}{4}$ Kjeldahl method
62.	ISO 5537- 6, Milk powders $\frac{3}{4}$ Methods for the analysis $\frac{3}{4}$ Part 6: Determination of titratable acidity (Reference method)

63.	ISO 5537- 7, Milk powders ¾ Methods for the analysis ¾ Part 7: Determination of titratable acidity (Routine method)
64.	ISO 5537- 8, Milk powders ¾ Methods for the analysis ¾ Part 8: Determination of insolubility index
65.	ISO 5537- 9, Milk powders ¾ Methods for the analysis ¾ Part 9: Assessment of heat class ¾ Heat-number reference method
66.	ISO 5541-1, Milk and milk products — Methods of microbiological examination — Part 2-1: Enumeration of coliforms — Colony count technique at 30 degrees C
67.	ISO 5541-2, Milk and milk products — Methods of microbiological examination — Part 2-2: Enumeration of coliforms — Most probable number technique at 30 °C
68.	ISO 623; Paper and board -- Folders and files – Sizes
69.	ISO 5983, Animal feeding stuffs — Determination of nitrogen content and calculation of crude protein content — Kjeldahl method
70.	ISO 6491, Animal feeding stuffs — Determination of phosphorous content — Spectrometric method
71.	ISO 6549, Road vehicles — Procedure for H- and R-point determination
72.	ISO 6785, Milk and milk products ¾ Detection of Salmonella spp.
73.	ISO 783, Metallic materials — Tensile testing at elevated temperature
74.	ISO 7954, Microbiology of food and animal feeding stuffs — General guidance for enumeration of yeasts and moulds — Part 8: Colony count technique at 25 degrees C
75.	ISO 8197, Milk and milk products — Inspecting sampling — Inspection by variables
76.	ISO 8292; Animal and vegetable fats and oils — Determination of solid fat content — Pulsed nuclear magnetic resonance method
77.	ISO 89; Steel -- Tensile testing of wire
78.	ISO/IEC 60950; information technology equipment — Safety requirements
79.	ISO/IEC Guide 66, General requirements for bodies operating assessment and certification/registration of environmental management systems (EMS)
80.	ISO/PAS 11154, Road vehicles — Roof load carriers
81.	ISO/TR 7507-6, Petroleum and liquid petroleum products — Calibration of vertical cylindrical tanks — Part 6: Recommendations for monitoring, checking and verification of tank calibration and capacity table
82.	ISO/TS 6090, Milk and dried milk, butter milk, and butter milk powder, whey and whey powder — Determination of phosphatase activity
83.	OIML R 39:1981, Metallic materials — hardness test — Part 1: Test method



## INTERNATIONAL STANDARDS ENDORSED FOR ADOPTION BY PARTNER STATES

S/n	Reference number	Standard title
<b>INTERNATIONAL ORGANIZATION FOR STANDARDIZATION (ISO)</b>		
1.	ISO 630-1	Structural steels — Part 1: General technical delivery conditions for hot — rolled products
2.	ISO 630-2	Structural steels — Part 2: Technical delivery conditions for structural steels for general purposes
3.	ISO 630-3	Structural steels — Part 3: Technical delivery conditions for fine grain structural steels
4.	ISO 5510	Animal feeding stuffs — Determination of available lysine
5.	ISO 5983-1	Animal feeding stuffs — Determination of nitrogen content and calculation of crude protein content — Part 1: Kjeldahl method
6.	ISO 5984	Animal feeding stuffs — Determination of crude ash
7.	ISO 5985	Animal feeding stuffs — Determination of ash insoluble in hydrochloric acid
8.	ISO 6490-1	Animal feeding stuffs — Determination of calcium content — Part 1: Titrimetric method
9.	ISO 6491	Animal feeding stuffs — Determination of phosphorus content — Spectrometric method
10.	ISO 6492	Animal feeding stuffs — Determination of fat content
11.	ISO 6496	Animal feeding stuffs — Determination of moisture and other volatile matter content
12.	ISO 6865	Animal feeding stuffs — Determination of crude fibre content — Method with intermediate filtration
13.	ISO 9831	Animal feeding stuffs, animal products, and faeces or urine — Determination of gross calorific value — Bomb calorimeter method
14.	ISO 13903	Animal feeding stuffs — Determination of amino acids content
15.	ISO 14718	Animal feeding stuffs — Determination of aflatoxin B1 content of mixed feeding stuffs — Method using high-performance liquid chromatography
16.	ISO 17375	Animal feeding stuffs — Determination of aflatoxin B1
17.	ISO 27085	Animal feeding stuff — Determination of calcium, sodium, phosphorous, magnesium, potassium, iron, zinc, copper, manganese, cobalt, molybdenum, arsenic, lead and cadmium by ICP-AES
18.	ISO 16649-2	Microbiology of food and animal feeding stuffs — Horizontal method for the enumeration of beta-glucuronidase-positive Escherichia coli — Part 2: Colony-count technique at 44 degrees C using 5-bromo-4-chloro-3-indolyl beta-D-glucuronide
19.	ISO 17189	Butter, edible oil emulsions and spreadable fats — Determination of fat content (Reference method)
20.	ISO 20634	Infant formula and adult nutritionals — Determination of vitamin B12 by reversed phase high performance liquid chromatography (RP-HPLC)
21.	ISO 2171	Cereals, pulses and by-products — Determination of ash yield by incineration
22.	ISO 6579-1	Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.
23.	ISO 7305	Milled cereal products — Determination of fat acidity
24.	ISO 11816-1	Milk and milk products — Determination of alkaline phosphatase activity — Part 1: Fluorimetric method for milk and milk-based drinks
25.	ISO 13366-1	Milk — Enumeration of somatic cells — Part 1: Microscopic method (Reference method)
26.	ISO 14501	Milk and milk powder — Determination of aflatoxin M1 content — Clean-up by immunoaffinity chromatography and determination by high-performance liquid chromatography
27.	ISO 1736	Dried milk and dried milk products — Determination of fat content — Gravimetric method (Reference method)
28.	ISO 1737	Evaporated milk and sweetened condensed milk — Determination of fat content — Gravimetric method (Reference method)
29.	ISO 18068	Cotton fibres — Test method for sugar content — Spectrophotometry
30.	ISO 21871	Microbiology of food and animal feeding stuffs — Horizontal method for the determination of low numbers of presumptive Bacillus cereus — Most probable number technique and detection method

31.	ISO 5537	Dried milk — Determination of moisture content (Reference method)
32.	ISO 6091	Dried milk — Determination of titratable acidity (Reference method)
33.	ISO 6321	Animal and vegetable fats and oils — Determination of melting point in open capillary tubes (slip point)
34.	ISO 7889	Yoghurt — Enumeration of characteristic microorganisms — Colony count technique at 37 degrees C
35.	ISO 8156	Dried milk and dried milk products — Determination of insolubility index
36.	ISO 8968-1	Milk and milk products — Determination of nitrogen content — Part 1: Kjeldahl principle and crude protein calculation
37.	ISO 8968-4	Milk and milk products — Determination of nitrogen content — Part 4: Determination of protein and non-protein nitrogen content and true protein content calculation (Reference method)
38.	ISO 6598	Fertilizers — Determination of phosphorus content — Quinoline phosphomolybdate gravimetric method
39.	ISO 8157	Fertilizers and soil conditioners — Vocabulary
40.	ISO 8397	Solid fertilizers and soil conditioners — Test sieving
41.	ISO 7409	Fertilizers — Marking — Presentation and Declarations
42.	ISO 17318	Fertilizers and soil conditioners — Determination of arsenic, cadmium, chromium, lead and mercury contents
43.	ISO 10084	Solid fertilizers – Determination of mineral — acid- soluble sulphate content- Gravimetric method
44.	ISO 17319	Fertilizers and soil conditioners — Determination of water-soluble potassium content — Potassium tetraphenylborate gravimetric method
45.	ISO 5315	Fertilizers — Determination of total nitrogen content — Titrimetric method after distillation
46.	ISO 5314	Fertilizers — Determination of ammoniacal nitrogen content — Titrimetric method after distillation
47.	ISO 5316	Fertilizers — Extraction of Water —Soluble Phosphate
48.	ISO 18643	Fertilizers and soil conditioners — Determination of biuret content of urea-based fertilizers — HPLC method
49.	ISO 15959	Fertilizers — Determination of extracted phosphorus
50.	ISO 2993	Ammonium sulphate for industrial use — Determination of free acidity — Titrimetric method
51.	ISO 10727	Tea and instant tea in solid form — Determination of caffeine content — Method using high-performance liquid chromatography
52.	ISO 14502-1	Determination of substances characteristic of green and black tea — Part 1: Content of total polyphenols in tea — Colorimetric method using Folin-Ciocalteu reagent
53.	ISO 14502-2	Determination of substances characteristic of green and black tea — Part 2: Content of catechins in green tea — Method using high-performance liquid chromatography
54.	ISO 15598	Tea — Determination of crude fibre content
55.	ISO 1572	Tea — Preparation of ground sample of known dry matter content
56.	ISO 1573	Tea — Determination of loss in mass at 103 °C
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58.	ISO 1576	Tea — Determination of water soluble ash and water insoluble ash
59.	ISO 1577	Tea — Determination of acid insoluble ash
60.	ISO 1578	Tea — Determination of alkalinity of water-soluble ash
61.	ISO 1839	Tea — Sampling
62.	ISO 3103	Tea — Preparation of liquor for use in sensory tests
63.	ISO 6078	Black tea — Vocabulary
64.	ISO 7513	Instant tea in solid form — Determination of moisture content (loss in mass at 103 degrees C)
65.	ISO 7514	Instant tea in solid form — Determination of total ash
66.	ISO 7516	Instant tea in solid form — Sampling
67.	ISO 9768	Tea — Determination of water extract
68.	ISO 927	Spices and condiments — Determination of extraneous matter and foreign matter content
69.	ISO 928	Spices and condiments — Determination of total ash
70.	ISO 930	Spices and condiments — Determination of acid insoluble ash
71.	ISO 939	Spices and condiments — Determination of moisture content Entrainment

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72.	ISO 1108	Spices and condiments — Determination of non-volatile oil ether extract
73.	ISO 2825	Spices and condiments — Preparation of ground sample for analysis
74.	ISO 6571	Spices and condiments — Determination of volatile oil content (hydrodistillation method)
75.	ISO/TR 9769	Steel and iron — Review of available methods of analysis
76.	ISO/TS 4949	Steel names based on letter symbols
77.	ISO 15630-1	Steel for the reinforcement and prestressing of concrete — Test methods — Part 1: Reinforcing bars, wire rod and wire
78.	ISO 10065	Steel bars for reinforcement of concrete — Bend and rebend tests
79.	ISO 10287	Steel for the reinforcement of concrete — Determination of strength of joints in welded fabric
80.	ISO 10544	Cold-reduced steel wire for the reinforcement of concrete and the manufacture of welded fabric
81.	ISO 11082	Certification scheme for welded fabric for the reinforcement of concrete structures
82.	ISO 14347	Fatigue — Design procedure for welded hollow-section joints — Recommendations
83.	ISO 1461	Hot dip galvanized coatings on fabricated iron and steel articles — Specification and test methods
84.	ISO 2081	Electroplated coatings of zinc on steel
85.	ISO 7989-1	Steel wire and wire products — non-ferrous metallic coatings on steel wire — Part 1: general principles
86.	ISO 7989-2	Steel wire and wire products — non-ferrous metallic coatings on steel wire — Part 2: zinc or zinc-alloy coating
87.	ISO 16120-1	Non-alloy steel wire rod for conversion to wire — Part 1: General requirements
88.	ISO 16120-2	Non-alloy steel wire rod for conversion to wire — Part 2: Specific requirements for general purpose wire rod
89.	ISO 16120-3	Non-alloy steel wire rod for conversion to wire — Part 3: specific requirements for rimmed and rimmed substitute, low-carbon steel wire rod
90.	ISO 16120-4	Non-alloy steel wire rod for conversion to wire — Part 4: Specific requirements for wire rod for special applications
91.	ISO 6507-1	Metallic materials — Vickers hardness test — Part 1: Test method
92.	ISO 15184	Paints and varnishes — Determination of film hardness by pencil test
93.	ISO 15110	Paints and varnishes — Artificial weathering including acidic deposition
94.	ISO 2172	Fruit juice — Determination of solids content — Pycnometric method
95.	ISO 5522	Fruits, vegetables and derived products — Determination of total sulphur dioxide content
96.	ISO 5961	Water quality — Determination of cadmium by atomic absorption spectrometry
97.	ISO 6059	Water quality — Determination of the sum of calcium and magnesium — EDTA titrimetric method
98.	ISO 6222	Water quality — Enumeration of culturable microorganisms — Colony count by inoculation in nutrient agar culture media
99.	ISO 6332	Water quality — Determination of iron — Spectrometric method using 1, 10-phenanthroline
100.	ISO 6333	Water quality — Determination of manganese — Formaldoxime spectrometric method
101.	ISO 6340	Water quality — Detection and enumeration of Salmonella
102.	ISO 6461-1	Water quality — Detection and enumeration of the spores of sulphite reducing anaerobes (clostridia) — Part 1: Method by enrichment in a liquid medium
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104.	ISO 6703-1	Water quality — Determination of cyanide — Part 1: determination of total cyanide
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107.	ISO 6777	Water quality — Determination of nitrite — Molecular absorption spectrometric method
108.	ISO 7027-1	Water quality — Determination of turbidity — Part 1: quantitative methods

109.	ISO 7027-2	Water quality — Determination of turbidity — Part 2: Semi-quantitative methods for the assessment of transparency of waters
110.	ISO 7393-1	Water quality — Determination of free chlorine and total chlorine — Part 1: Titrimetric method using N,N-diethyl-1,4-phenylenediamine
111.	ISO 7393-2	Water quality — Determination of free chlorine and total chlorine — Part 2: Colorimetric method using N,N-dialkyl-1,4-phenylenediamine, for routine control purposes
112.	ISO 7393-3	Water quality — Determination of free chlorine and total chlorine — Part 3: Iodometric titration method for the determination of total chlorine
113.	ISO 7875-1	Water quality — Determination of surfactants — Part 1: Determination of anionic surfactants by measurement of the methylene blue index (MBAS)
114.	ISO 7875-2	Water quality — Determination of surfactants — Part 2: Determination of non-ionic surfactants using Dragendorff reagent
115.	ISO 7887	Water quality — Examination and determination of colour
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118.	ISO 7899-2	Water quality — Detection and enumeration of intestinal enterococci — Part 2: Membrane filtration method
119.	ISO 7980	Water quality — Determination of calcium and magnesium — Atomic absorption spectrometric method
120.	ISO 8165-1	Water quality — Determination of selected monovalent phenols — Part 1: Gas-chromatographic method after enrichment by extraction
121.	ISO 8165-2	Water quality — Determination of selected monovalent phenols — Part 2: Method by derivatization and gas chromatography
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123.	ISO 8288	Water quality — Determination of cobalt, nickel, copper, zinc, cadmium and lead — Flame atomic absorption spectrometric methods
124.	ISO 9174	Water quality — Determination of chromium — Atomic absorption spectrometric methods
125.	ISO 9297	Water quality — Determination of chloride — Silver nitrate titration with chromate indicator (Mohr's method)
126.	ISO 9308-1	Water quality — Detection and enumeration of Escherichia coli and coliform bacteria — Part 1: Membrane filtration method for waters with low bacterial background flora
127.	ISO 9308-2	Water quality — Detection and enumeration of Escherichia coli and coliform bacteria — Part 2: Most probable number method
128.	ISO 9964-1	Water quality — Determination of sodium and potassium — Part 1: Determination of sodium by atomic absorption spectrometry
129.	ISO 9964-2	Water quality — Determination of sodium and potassium — Part 2: Determination of potassium by atomic absorption spectrometry
130.	ISO 9964-3	Water quality — Determination of sodium and potassium — Part 3: Determination of sodium and potassium by flame emission spectrometry
131.	ISO 9696	Water quality — Measurement of gross alpha activity in non-saline water — Thick source method
132.	ISO 9697	Water quality — Measurement of gross beta activity in non-saline water — Thick source method
133.	ISO 10301	Water quality — Determination of highly volatile halogenated hydrocarbons — Gas-chromatographic methods
134.	ISO 10304-1	Water quality — Determination of dissolved anions by liquid chromatography of ions — Part 1: Determination of bromide, chloride, fluoride, nitrate, nitrite, phosphate and sulphate
135.	ISO 10359-1	Water quality — Determination of fluoride — Part 1: Electrochemical probe method for potable and lightly polluted water
136.	ISO 10359-2	Water quality — Determination of fluoride — Part 2: Determination of inorganically bound total fluoride after digestion and distillation
137.	ISO 10523	Water quality — Determination of pH
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139.	ISO 10566	Water quality — Determination of aluminium — Spectrometric method using pyrocatechol violet

140.	ISO 11423-1	Water quality — Determination of benzene and some derivatives — Part 1: Head-space gas chromatographic method
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146.	ISO 15089	Water quality — Guidelines for selective immunoassays for the determination of plant treatment and pesticide agents
147.	ISO 15553	Water quality — Isolation and identification of <i>Cryptosporidium</i> oocysts and <i>Giardia</i> cysts from water
148.	ISO 16265	Water quality — Determination of the methylene blue active substances (MBAS) index — Method using continuous flow analysis (CFA)
149.	ISO 16266	Water quality — Detection and enumeration of <i>Pseudomonas aeruginosa</i> — Method by membrane filtration
150.	ISO 18073	Water quality — Determination of tetra- to octa-chlorinated dioxins and furans — Method using isotope dilution HRGC/HRMS
151.	ISO 21567	Microbiology of food and animal feeding stuffs — Horizontal method for the detection of <i>Shigella</i> spp
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154.	ISO 105-D01	Textiles — Tests for colour fastness — Part D01: Colour fastness to drycleaning using perchloroethylene solvent
155.	ISO 105-E03	Textiles — Tests for colour fastness — Part E03: Colour fastness to chlorinated water (swimming pool water)
156.	ISO 105-N02	Textiles — Tests for colour fastness — Part N02: Colour fastness to bleaching: Peroxide
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158.	ISO 2286-1	Rubber or plastics-coated fabrics — Determination of roll characteristics — Part 1: Methods for determination of length, width and net mass
159.	ISO 2286-2	Rubber or plastics-coated fabrics — Determination of roll characteristics — Part 2: Methods for determination of total mass per unit area, mass per unit area of coating and mass per unit area of substrate
160.	ISO 2286-3	Rubber or plastics-coated fabrics — Determination of roll characteristics — Part 3: Method for determination of thickness
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162.	ISO 3758	Textiles — Care labelling code using symbols
163.	ISO 3801	Textiles — Woven fabrics — Determination of mass per unit length and mass per unit area
164.	ISO 4921	Knitting — Basic concepts — Vocabulary
165.	ISO 5077	Textiles — Determination of dimensional change in washing and drying
166.	ISO 6938	Textiles — Natural fibres — Generic names and definitions
167.	ISO 7218	Microbiology of food and animal feeding stuffs — General requirements and guidance for microbiological examinations
168.	ISO 8388	Knitted fabrics — Types — Vocabulary
169.	ISO 8498	Woven fabrics — Description of defects — Vocabulary
170.	ISO 8499	Knitted fabrics — Description of defects — Vocabulary
171.	ISO 9865	Textiles — Determination of water repellency of fabrics by the Bundesmann rain-shower test
172.	ISO 12945-1	Textiles — Determination of fabric propensity to surface fuzzing and to pilling — Part 1: Pilling box method
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174.	ISO 12945-3	Textiles- Determination of the fabric propensity to surface pilling, fuzzing or

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175.	ISO 13934-1	Textiles — Tensile properties of fabrics — Part 1: Determination of maximum force and elongation at maximum force using the strip method
176.	ISO 13934-2	Textiles — Tensile properties of fabrics — Part 2: Determination of maximum force using the grab method
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179.	ISO 13936-3	Textiles — Determination of the slippage resistance of yarns at a seam in woven fabrics — Part 3: Needle clamp method
180.	ISO 22958	Textiles — Water resistance — Rain tests, exposure to a horizontal water spray
181.	ISO 90-1	Light gauge metal containers — Definitions and determination methods for dimensions and capacities — Part 1: Open-top cans
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195.	ISO 3834-2	Quality requirements for fusion welding of metallic materials — Part 2: Comprehensive quality requirements
196.	ISO 3834-3	Quality requirements for fusion welding of metallic materials — Part 3: Standard quality requirements
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199.	ISO 6520-1	Welding and allied processes — Classification of geometric imperfection in metallic materials — Fusion welding
200.	ISO 6520-2	Welding and allied processes — Classification of geometric imperfection in metallic materials — Welding with pressure
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		Part 4: Clad steels
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218.	ISO 385	Laboratory glassware — Burettes
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223.	ISO 638	Paper, board and pulps — Determination of dry matter content — Oven-drying method
224.	ISO 660	Animal and vegetable fats and oils — Determination of acid value and acidity
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226.	ISO 750	Fruits and Vegetables — Determination of Titratable Acidity
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228.	ISO 1101	Geometrical Product Specifications (GPS) — Geometrical tolerancing — Tolerances of form, orientation, location and run-out
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243.	ISO 3037	Corrugated fibreboard — Determination of edgewise crush resistance (unwaxed edge method)
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253.	ISO 5637	Paper and board — Determination of water absorption after immersion in water
254.	ISO 6633	Fruits, vegetables and derived products — Determination of lead content— Flameless atomic absorption spectrometric method
255.	ISO 7558	Guide to the prepacking of fresh fruits and vegetables
256.	ISO 7965-1	Packaging — Sacks — Drop test — Part 1: Paper sacks
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258.	ISO 8784-1	Pulp, paper and board — Microbiological examination — Part 1: Enumeration of bacteria and bacterial spores based on disintegration
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275.	ISO 17919	Microbiology of the food chain — Polymerase chain reaction (PCR) for the detection of food-borne pathogens — Detection of botulinum type A, B, E and F neurotoxin-producing clostridia
276.	ISO 17993	Water quality — Determination of 15 polycyclic aromatic hydrocarbons (PAH) in water by HPLC with fluorescence detection after liquid — liquid extraction
277.	ISO 18416	Cosmetics — Microbiology — Detection of Candida albicans
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279.	ISO 21067-2	Packaging — Vocabulary — Part 2: Packaging and the environment terms
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281.	ISO 22717	Cosmetics — Microbiology — Detection of <i>Pseudomonas aeruginosa</i>
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283.	ISO 24153	Random sampling and randomisation procedures
284.	ISO 29582-2	Methods of testing cement — Determination of the heat of hydration — Part 2: Semi-adiabatic method
285.	ISO 1871	Food and feed products — General guidelines for the determination of nitrogen by the Kjeldahl method
286.	ISO 4832	Microbiology of food and animal feeding stuffs — Horizontal method for the enumeration of coliforms — Colony-count technique
287.	ISO 5498	Agricultural food products — Determination crude fibre content — General method
288.	ISO 6561-1	Fruits, vegetables and derived products — Determination of cadmium content — Part 1 — Method using graphite furnace atomic absorption spectrometry
289.	ISO 21527-1	Microbiology of food and animal feeding stuffs — Horizontal method for the enumeration of yeasts and moulds — Part 1: Colony count technique in products with water activity greater than 0,95
290.	ISO 21527-2	Microbiology of food and animal feeding stuffs — Horizontal method for the enumeration of yeasts and moulds — Part 2: Colony count technique in products with water activity less than or equal to 0,95
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298.	ISO 20483	Cereals and pulses — Determination of the nitrogen content and calculation of the crude protein content — Kjeldahl method
299.	ISO 9648	Sorghum — Determination of tannin content
300.	ISO 7251	Microbiology of food and animal feeding stuffs — Horizontal method for the detection and enumeration of presumptive <i>Escherichia coli</i> — Most probable number technique
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311.	ISO 10231	Motorcycle tyres — Test methods for verifying tyre capabilities

312.	ISO 10370	Petroleum products — Determination of carbon residue — Micro method
313.	ISO 10454	Truck and bus tyres — Verifying tyre capabilities — Laboratory test methods
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338.	ISO 10571	Tyres for mobile cranes and similar specialized machines
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364.	ISO 11795	Agricultural tractor drive wheel tyres — Explanation of rolling circumference index (RCI) and speed radius index (SRI) and method of measuring tyre rolling circumference
365.	ISO 11841-1	Road vehicles and internal combustion engines — Filter vocabulary — Part 1: Definitions of filters and filter components
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370.	ISO 12097-1	Road vehicles — Airbag components — Part 1: Vocabulary
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380.	ISO 12205	Petroleum products — Determination of the oxidation stability of middle-distillate fuels
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416.	ISO 139	Textiles — Standard atmospheres for conditioning and testing
417.	ISO 13937-1	Textiles — Tear properties of fabrics — Part 1: Determination of tear force using ballistic pendulum method (Elmendorf)
418.	ISO 14001	Environmental management systems — Requirements with guidance for use
419.	ISO 14004	Environmental management systems — General guidelines on implementation
420.	ISO 14015	Environmental management — Environmental assessment of sites and organizations (EASO)
421.	ISO 14031	Environmental management — Environmental performance evaluation — Guidelines
422.	ISO 14040	Environmental management — Life cycle assessment — Principles and framework
423.	ISO 14041	Environmental management — Life cycle assessment — Goal and scope definition and inventory analysis
424.	ISO 14050	Environmental management — Vocabulary
425.	ISO 14284	Steel and iron — Sampling and preparation of samples for the determination of the chemical composition
426.	ISO 14400	Road vehicles — Wheels and rims — Use, general maintenance and safety requirements and out-of-service conditions
427.	ISO 14469-1	Road vehicles — Compressed natural gas (CNG) refuelling connector — Part 1: 20 MPa (200 bar) connector
428.	ISO 14469-3	Road vehicles — Compressed natural gas (CNG) refuelling connector — Part 3: 25 MPa (250 bar) connector
429.	ISO 14513	Road vehicles — Pedestrian protection — Head impact test method
430.	ISO 14596	Petroleum products — Determination of sulfur content — Wavelength-dispersive X-ray fluorescence spectrometry
431.	ISO 14791	Road vehicles — Heavy commercial vehicle combinations and articulated buses — Lateral stability test methods
432.	ISO 14792	Road vehicles — Heavy commercial vehicles and buses — Steady-state circular tests
433.	ISO 14793	Road vehicles — Heavy commercial vehicles and buses — Lateral transient response test methods
434.	ISO 14814	Road transport and traffic telematics — Automatic vehicle and equipment identification — Reference architecture and terminology
435.	ISO 14815	Road transport and traffic telematics — Automatic vehicle and equipment identification — System specifications
436.	ISO 14816	Road transport and traffic telematics — Automatic vehicle and equipment identification — Numbering and data structure
437.	ISO 14960	Tyres — Valves and components — Test methods; Tubeless
438.	ISO 15005	Road vehicles — Ergonomic aspects of transport information and control systems — Dialogue management principles and compliance procedures
439.	ISO 15006	Road vehicles — Ergonomic aspects of transport information and control systems — Specifications and compliance procedures for in-vehicle auditory presentation
440.	ISO 15007-1	Road vehicles — Measurement of driver visual behaviour with respect to transport information and control systems — Part 1: Definitions and parameters
441.	ISO 15008	Road vehicles — Ergonomic aspects of transport information and control systems — Specifications and compliance procedures for in-vehicle visual presentation
442.	ISO 15031-1	Road vehicles — Communication between vehicle and external equipment for emissions-related diagnostics — Part 1: General information
443.	ISO 15031-3	Road vehicles — Communication between vehicle and external equipment for emissions-related diagnostics — Part 3: Diagnostic connector and related electrical circuits, specification and use
444.	ISO 15031-4	Road vehicles — Communication between vehicle and external equipment for emissions-related diagnostics — Part 4: External test equipment
445.	ISO 15031-5	Road vehicles — Communication between vehicle and external equipment for emissions-related diagnostics — Part 5: Emissions-related diagnostic services
446.	ISO 15031-6	Road vehicles — Communication between vehicle and external equipment for emissions-related diagnostics — Part 6: Diagnostic trouble code definitions
447.	ISO 15031-7	Road vehicles — Communication between vehicle and external equipment for emissions-related diagnostics — Part 7: Data link security

448.	ISO 15037-1	Road vehicles — Vehicle dynamics test methods — Part 1: General conditions for passenger cars
449.	ISO 15037-2	Road vehicles — Vehicle dynamics test methods — Part 2: General conditions for heavy vehicles and buses
450.	ISO 15075	Transport information and control systems — In-vehicle navigation systems — Communications message set requirements
451.	ISO 15082	Road vehicles — Tests for rigid plastic safety glazing materials
452.	ISO 15152-2	Methods of test for tobacco and tobacco products — Part 2: Determination of total particulate matter (tar) in cigarette smoke using the filtrona 302 smoking machine
453.	ISO 15152-15	Methods of test for tobacco and tobacco products — Part 15: Determination of nicotine alkaloids in tobacco — Continuous-flow analysis method
454.	ISO 15167	Petroleum products — Determination of particulate content of middle distillate fuels — Laboratory filtration method
455.	ISO 15169	Petroleum and liquid petroleum products — Determination of volume, density and mass of the hydrocarbon content of vertical cylindrical tanks by hybrid tank measurement systems
456.	ISO 15170-1	Road vehicles — Four-pole electrical connectors with pins and twist lock — Part 1: Dimensions and classes of application
457.	ISO 15170-2	Road vehicles — Four-pole electrical connectors with pins and twist lock — Part 2: Tests and requirements
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459.	ISO 15305	Animal and vegetable fats and oils — Determination of Lovibond colour
460.	ISO 15501-1	Road vehicles — Compressed natural gas (CNG) fuel systems — Part 1: Safety requirements
461.	ISO 15501-2	Road vehicles — Compressed natural gas (CNG) fuel systems — Part 2: Test methods
462.	ISO 15623	Transport information and control systems — Forward vehicle collision warning systems — Performance requirements and test procedures
463.	ISO 15763	Road vehicles — Alarm systems for buses and commercial vehicles of maximum authorized total mass greater than 3.5 t
464.	ISO 1585	Road vehicles — Engine test code — Net power
465.	ISO 161-1	Thermoplastics pipes for the conveyance of fluids — Nominal outside diameters and nominal pressures — Part 1: Metric series
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467.	ISO 16121-1	Road vehicles — Ergonomic requirements for the driver's workplace in line-service buses — Part 1: General description, basic requirements
468.	ISO 16121-2	Road vehicles — Ergonomic requirements for the driver's workplace in line-service buses — Part 2: Visibility
469.	ISO 16121-3	Road vehicles — Ergonomic requirements for the driver's workplace in line-service buses — Part 3: Information devices and controls
470.	ISO 16121-4	Road vehicles — Ergonomic requirements for the driver's workplace in line-service buses — Part 4: Cabin environment
471.	ISO 16408	Dentistry — Oral hygiene products — Oral rinses
472.	ISO 16409	Dentistry — Oral hygiene products — Manual interdental brushes
473.	ISO 16673	Road vehicles — Ergonomic aspects of transport information and control systems — Occlusion method to assess visual demand due to the use of in-vehicle systems
474.	ISO 16850	Road vehicles — Pedestrian protection — Child head impact test method
475.	ISO 16992	Passenger car tyres — Spare unit substitutive equipment (SUSE)
476.	ISO 1724	Road vehicles — Connectors for the electrical connection of towing and towed vehicles — 7-pole connector type 12 N (normal) for vehicles with 12 V nominal supply voltage
477.	ISO 1726-2	Road vehicles — Mechanical couplings between tractors and semi-trailers — Part 2: Interchangeability between low-coupling tractors and high-volume semi-trailers
478.	ISO 17269	Tyres — Methods for measuring rolling circumference — Loaded new tyres; Passenger car
479.	ISO 1728	Road vehicles — Pneumatic braking connections between motor vehicles and towed vehicles — Interchangeability
480.	ISO 17373	Road vehicles — Sled test procedure for evaluating occupant head and neck interactions with seat/head restraint designs in low-speed rear-end impact

481.	ISO 1738	Butter — Methods of analysis — Part 5: Determination of the refractive index of the fat (Reference method)
482.	ISO 1740	Butter — Methods of analysis — Part 6: Determination of fat acidity (Reference method)
483.	ISO 18164	Tyres — Methods of measuring rolling resistance; Passenger car, truck, bus and motorcycle
484.	ISO 1833-1	Textiles — Quantitative chemical analysis — Part 1: General principles of testing
485.	ISO 1833-2	Textiles — Quantitative chemical analysis — Part 2: Ternary fibre mixtures
486.	ISO 1833-3	Textiles — Quantitative chemical analysis — Part 3: Mixtures of acetate and certain other fibres (method using acetone)
487.	ISO 1833-4	Textiles — Quantitative chemical analysis — Part 4: Mixtures of certain protein and certain other fibres (method using hypochlorite)
488.	ISO 1833-5	Textiles — Quantitative chemical analysis — Part 5: Mixtures of viscose, cupro or modal and cotton fibres (method using sodium zincate)
489.	ISO 1833-6	Textiles — Quantitative chemical analysis — Part 6: Mixtures of viscose or certain types of cupro or modal or lyocell and cotton fibres (method using formic acid and zinc chloride)
490.	ISO 1833-7	Textiles — Quantitative chemical analysis — Part 7: Mixtures of polyamide and certain other fibres (method using formic acid)
491.	ISO 1833-8	Textiles — Quantitative chemical analysis — Part 8: Mixtures of acetate and triacetate fibres (method using acetone)
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493.	ISO 1833-10	Textiles — Quantitative chemical analysis — Part 10: Mixtures of triacetate or polylactide and certain other fibres (method using dichloromethane)
494.	ISO 1833-11	Textiles — Quantitative chemical analysis — Part 11: Mixtures of cellulose and polyester fibres (method using sulfuric acid)
495.	ISO 1833-12	Textiles — Quantitative chemical analysis — Part 12: Mixtures of acrylic, certain modacrylics, certain chlorofibres, certain elastanes and certain other fibres (method using dimethylformamide)
496.	ISO 1833-13	Textiles — Quantitative chemical analysis — Part 13: Mixtures of certain chlorofibres and certain other fibres (method using carbon disulfide/acetone)
497.	ISO 1833-14	Textiles — Quantitative chemical analysis — Part 14: Mixtures of acetate and certain chlorofibres (method using acetic acid)
498.	ISO 1833-15	Textiles — Quantitative chemical analysis — Part 15: Mixtures of jute and certain animal fibres (method by determining nitrogen content)
499.	ISO 1833-16	Textiles — Quantitative chemical analysis — Part 16: Mixtures of polypropylene fibres and certain other fibres (method using xylene)
500.	ISO 1833-17	Textiles — Quantitative chemical analysis — Part 17: Mixtures of chlorofibres (homopolymers of vinyl chloride) and certain other fibres (method using sulfuric acid)
501.	ISO 1833-18	Textiles — Quantitative chemical analysis — Part 18: Mixtures of silk and wool or hair (method using sulfuric acid)
502.	ISO 1833-19	Textiles — Quantitative chemical analysis — Part 19: Mixtures of cellulose fibres and asbestos (method by heating)
503.	ISO 1833-21	Textiles — Quantitative chemical analysis — Part 21: Mixtures of chlorofibres, certain modacrylics, certain elastanes, acetates, triacetates and certain other fibres (method using cyclohexanone)
504.	ISO 1842	Fruits and Vegetables — Determination of pH
505.	ISO 186	Paper and board — Sampling to determine average quality
506.	ISO 19011	Guidelines for auditing management systems
507.	ISO 1955	Fruits and derived products — Determination of essential oils content (Reference method); Citrus
508.	ISO 19952	Footwear — Vocabulary
509.	ISO 1998-1	Petroleum industry — Terminology — Part 1: Raw materials and products
510.	ISO 1998-2	Petroleum industry — Terminology — Part 2: Properties and tests
511.	ISO 1998-3	Petroleum industry — Terminology — Part 3: Exploration and production
512.	ISO 1998-4	Petroleum industry — Terminology — Part 4: Refining
513.	ISO 1998-5	Petroleum industry — Terminology — Part 5: Transport, storage, distribution
514.	ISO 1998-6	Petroleum industry — Terminology — Part 6: Measurement
515.	ISO 1998-7	Petroleum industry — Terminology — Part 7: Miscellaneous terms

516.	ISO 1998-99	Petroleum industry — Terminology — Part 99: General and index
517.	ISO 20126	Toothbrushes — General requirements and test methods, Dentistry — Manual
518.	ISO 20127	Dentistry — Powered toothbrushes — General requirements and test methods
519.	ISO 20176	Road vehicles — H-point machine (HPM II) — Specifications and procedure for H-point determination
520.	ISO 2049	Petroleum products — Determination of colour (ASTM scale)
521.	ISO 20764	Petroleum and related products — Preparation of a test portion of high-boiling liquids for the determination of water content — Nitrogen purge method
522.	ISO 20844	Petroleum and related products — Determination of the shear stability of polymer-containing oils using a diesel injector nozzle
523.	ISO 20846	Petroleum products — Determination of sulfur content of automotive fuels — Ultraviolet fluorescence method
524.	ISO 20848	Petroleum products — Determination of sulfur content of automotive fuels — Energy-dispersive X-ray fluorescence spectrometry
525.	ISO 20918	Road vehicles — Braking threshold pressures for heavy commercial vehicle combinations with fully pneumatic braking systems — Test with roller brake tester
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527.	ISO 217	Paper — Untrimmed sizes — Designation and tolerances for primary and supplementary ranges, and indication of machine direction
528.	ISO 22198	Textiles — Fabrics — Determination of width and length
529.	ISO 22254	Dentistry — Manual toothbrushes — Resistance of tufted portion to deflection
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534.	ISO 22965-2	Concrete — Part 2: Specification of constituent materials, production of concrete and compliance of concrete
535.	ISO 23671	Tyres — Method for measuring relative wet grip performance — Loaded new tyres; Passenger car
536.	ISO 2446	Milk — Determination of fat content (Routine method)
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538.	ISO 2448	Fruits and Vegetables — Determination of Ethanol Content
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540.	ISO 2575	Road vehicles — Symbols for controls, indicators and tell-tales
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545.	ISO 28590	Sampling procedures for inspection by attributes — Introduction to the ISO 2859 series of standards for sampling for inspection by attributes
546.	ISO 2817	Methods of test for tobacco and tobacco products — Part 11: Determination of acid insoluble ash
547.	ISO 2881-1	Methods of test for tobacco and tobacco products — Part 1: Determination of nicotine alkaloids in tobacco — Spectrophotometric method
548.	ISO 2881-10	Methods of test for tobacco and tobacco products — Part 10: Determination of total ash
549.	ISO 2859-1	Sampling procedures for inspection by attributes — Part 1: Sampling plans indexed by Quality Level (AQL) for Lot-By-Lot Inspection
550.	ISO 2859-2	Sampling procedures for inspection by attributes — Part 2: Sampling plans indexed by limiting Quality (LQ) for isolated lot inspection
551.	ISO 2859-3	Sampling procedures for inspection by attributes — Part 3: SKIP-LOT sampling procedures
552.	ISO 2859-4	Sampling procedures for inspection by attributes — Part 4: Procedures for assessment of declared quality levels
553.	ISO 2909	Petroleum products — Calculation of viscosity index from kinematic viscosity
554.	ISO 3006	Road vehicles — Passenger car wheels for road use — Test methods



555.	ISO 3007	Petroleum products and crude petroleum — Determination of vapour pressure — Reid method
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557.	ISO 3014	Petroleum products — Determination of the smoke point of kerosine
558.	ISO 3016	Petroleum products — Determination of pour point
559.	ISO 3071	Textiles — Determination of pH of aqueous extract
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570.	ISO 3550-1	Cigarettes — Determination of loss of tobacco from the ends — Part 1: Method using a rotating cylindrical cage
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574.	ISO 3675	Crude petroleum and liquid petroleum products — Laboratory determination of density — Hydrometer method
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<b>594.</b>	ISO 3911	Wheels and rims for pneumatic tyres — Vocabulary, designation and marking
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<b>605.</b>	ISO 4209-1	Truck and bus tyres and rims (metric series) — Part 1: Tyres
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<b>630.</b>	ISO 4927	Road vehicles — Elastomeric boots for cylinders for drum type hydraulic brake

		wheel cylinders using a non-petroleum base hydraulic brake fluid (Service temperature 120 degrees C max.)
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632.	ISO 5164	Petroleum products — Determination of knock characteristics of motor fuels — Research method
633.	ISO 5165	Petroleum products — Determination of the ignition quality of diesel fuels — Cetane engine method
634.	ISO 5506	Soya bean products — Determination of urease activity
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636.	ISO 5523	Fruits and Vegetables — Determination of Sulphur Dioxide Content (Routine Method)
637.	ISO 5541-1	Milk and milk products — Methods of microbiological examination — Part 2-1: Enumeration of coliforms — Colony count technique at 30 degrees C
638.	ISO 5555	Animal and vegetable fats and oils — Sampling
639.	ISO 5738	Milk and milk products — Determination of copper content — Photometric method (Reference method)
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646.	ISO 6054-1	Motorcycle tyres and rims (code-designated series) — Diameter Codes 4 to 12 — Part 1: Tyres
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649.	ISO 612	Road vehicles — Dimensions of motor vehicles and towed vehicles — Terms and definitions
650.	ISO 6245	Petroleum products — Determination of ash
651.	ISO 6246	Petroleum products — Gum content of light and middle distillate fuels — Jet evaporation method
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653.	ISO 6293-1	Petroleum products — Determination of saponification number — Part 1: Colour-indicator titration method
654.	ISO 6293-2	Petroleum products — Determination of saponification number — Part 2: Potentiometric titration method
655.	ISO 6296	Petroleum products — Determination of water — Potentiometric Karl Fischer titration method
656.	ISO 6299	Petroleum products — Determination of dropping point of lubricating greases (wide temperature range)
657.	ISO 6320	Animal and vegetable fats and oils — Determination of refractive index
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666.	ISO 6498	Animal feeding stuffs — Guidelines for sample preparation
667.	ISO 6495-1	Animal feeding stuffs — Determination of water-soluble chlorides content — Part 1: Titrimetric method
668.	ISO 6869	Animal feeding stuffs — Determination of the contents of calcium, copper, iron, magnesium, manganese, potassium, sodium and zinc — Method using atomic absorption spectrometry
669.	ISO 6518-1	Road vehicles — Ignition systems — Part 1: Vocabulary
670.	ISO 6518-2	Road vehicles — Ignition systems — Part 2: Electrical performance and function test methods
671.	ISO 6546	Road vehicles — Collection of accident data for evaluation of occupant restraint performance
672.	ISO 6557-2	Fruits, vegetables and derived products — Determination of ascorbic acid content — Part 2: Routine methods
673.	ISO 6597	Road vehicles — Hydraulic braking systems, including those with electronic control functions, for motor vehicles — Test procedures
674.	ISO 661	Animal and vegetable fats and oils — Preparation of test sample
675.	ISO 6611	Milk and milk products — Enumeration of colony-forming units of yeasts and/or moulds — Colony-count technique at 25 degrees C
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<b>917.</b>	IEC 60952-1	Aircraft batteries — Part 1: General test requirements and performance levels

918.	IEC 60952-2	Aircraft batteries — Part 2: Design and construction requirements
919.	IEC 60952-3	Aircraft batteries — Part 3: Product specification and declaration of design and performance (DDP)
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921.	IEC 61032	Protection of persons and equipment by enclosures — Probes for verification
922.	IEC 61056-1	General purpose lead-acid batteries (valve-regulated types) — Part 1: General requirements, functional characteristics — Methods of test
923.	IEC 61056-2	General purpose lead-acid batteries (valve-regulated types) — Part 2: Dimensions, terminals and marking
924.	IEC 61215-1	Terrestrial photovoltaic (PV) modules — Design qualification and type approval — Part 1: Test requirements
925.	IEC 61215-1-1	Terrestrial photovoltaic (PV) modules — Design qualification and type approval — Part 1-1: Special requirements for testing of crystalline silicon photovoltaic (PV) modules
926.	IEC 61215-1-2	Terrestrial photovoltaic (PV) modules — Design qualification and type approval — Part 1-2: Special requirements for testing of thin-film Cadmium Telluride (CdTe) based photovoltaic (PV) modules
927.	IEC 61215-1-3	Terrestrial photovoltaic (PV) modules — Design qualification and type approval — Part 1-3: Special requirements for testing of thin-film amorphous silicon based photovoltaic (PV) modules
928.	IEC 61215-1-4	Terrestrial photovoltaic (PV) modules — Design qualification and type approval — Part 1-4: Special requirements for testing of thin-film Cu(In,Ga)(S,Se) <sub>2</sub> based photovoltaic (PV) modules
929.	IEC 61400-1	Wind turbines — Part 1: Design requirements
930.	IEC 61400-11	Wind turbine generator systems — Part 11: Acoustic noise measurement techniques
931.	IEC 61400-12-1	Wind turbines — Part 12-1: Power performance measurements of electricity producing wind turbines
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934.	IEC 61400-2	Wind turbines — Part 2: Small wind turbines
935.	IEC 61400-21-1	Wind energy generation systems — Part 21-1: Measurement and assessment of electrical characteristics — Wind turbines
936.	IEC 61400-25-1	Wind energy generation systems — Part 25-1: Communications for monitoring and control of wind power plants — Overall description of principles and models
937.	IEC 61400-25-2	Wind turbines — Part 25-2: Communications for monitoring and control of wind power plants — Information models
938.	IEC 61400-25-3	Wind turbines — Part 25-3: Communications for monitoring and control of wind power plants — Information exchange models
939.	IEC 61400-25-5	Wind turbines — Part 25-5: Communications for monitoring and control of wind power plants — Compliance testing
940.	IEC 61434	Secondary cells and batteries containing alkaline or other non-acid electrolytes — Guide to designation of current in alkaline secondary cell and battery standards
941.	IEC 61434	Secondary cells and batteries containing alkaline or other non-acid electrolytes — Guide to designation of current in alkaline secondary cell and battery standards
942.	IEC 61683	Photovoltaic systems — Power conditioners — Procedure for measuring efficiency
943.	IEC 61727	Photovoltaic (PV) systems — Characteristics of the utility interface
944.	IEC 61730-1	Photovoltaic (PV) module safety qualification — Part 1: Requirements for construction
945.	IEC 61730-2	Photovoltaic (PV) module safety qualification — Part 2: Requirements for testing
946.	IEC 61951-1	Secondary cells and batteries containing alkaline or other non-acid electrolytes — Portable sealed rechargeable single cells — Part 1: Nickel-cadmium
947.	IEC 61951-2	Secondary cells and batteries containing alkaline or other non-acid

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948.	IEC 61959	Secondary cells and batteries containing alkaline or other non-acid electrolytes — Mechanical tests for sealed portable secondary cells and batteries
949.	IEC 61960-3	Secondary cells and batteries containing alkaline or other non-acid electrolytes — Secondary lithium cells and batteries for portable applications — Part 3: Prismatic and cylindrical lithium secondary cells and batteries made from them
950.	IEC 62004	Thermal-resistant aluminium alloy wire for overhead line conductor
951.	IEC 62052-11	Electricity metering equipment (a.c.) — General requirements, tests and test conditions — Part 11: Metering equipment
952.	IEC 62052-21	Electricity metering equipment (a.c.) — General requirements, tests and test conditions — Part 21: Tariff and load control equipment
953.	IEC 62053-11	Electricity metering equipment (a.c.) — Particular requirements — Part 11: Electromechanical meters for active energy (classes 0,5, 1 and 2)
954.	IEC 62053-21	Electricity metering equipment (a.c.) — Particular requirements — Part 21: Static meters for active energy (classes 1 and 2)
955.	IEC 62053-22	Electricity metering equipment (a.c.) — Particular Requirements — Part 22: Static meters for active energy (classes 0,2 S and 0,5 S)
956.	IEC 62053-23	Electricity metering equipment (a.c.) — Particular requirements — Part 23: Static meters for reactive energy (classes 2 and 3)
957.	IEC 62053-31	Electricity metering equipment (a.c.) — Particular requirements — Part 31: Pulse output devices for electromechanical and electronic meters (two wires only)
958.	IEC 62053-52	Electricity metering equipment (ac) — Particular requirements — Part 52: Symbols
959.	IEC 62053-61	Electricity metering equipment (a.c.) — Particular requirements — Part 61: Power consumption and voltage requirements
960.	IEC 62054-11	Electricity metering (a.c.) — Tariff and load control — Part 11: Particular requirements for electronic ripple control receivers
961.	IEC 62054-21	Electricity metering (a.c.) — Tariff and load control — Part 21: Particular requirements for time switches
962.	IEC 62055-31	Electricity metering — Payment systems — Part 31: Particular requirements — Static payment meters for active energy (classes 1 and 2)
963.	IEC 62055-41	Electricity metering — Payment systems — Part 41: Standard transfer specification (STS) — Application layer protocol for one-way token carrier systems
964.	IEC 62055-51	Electricity metering — Payment systems — Part 51: Standard transfer specification (STS) — Physical layer protocol for one-way numeric and magnetic card token carriers
965.	IEC 62056-21	Electricity metering — Data exchange for meter reading, tariff and load control — Part 21: Direct local data exchange
966.	IEC 62056-31	Electricity metering — Data exchange for meter reading, tariff and load control — Part 31: Use of local area networks on twisted pair with carrier signaling
967.	IEC 62056-42	Electricity metering — Data exchange for meter reading, tariff and load control — Part 42: Physical layer services and procedures for connection-oriented asynchronous data exchange
968.	IEC 62056-46	Electricity metering — Data exchange for meter reading, tariff and load control — Part 46: Data link layer using HDLC protocol
969.	IEC 62056-47	Electricity metering — Data exchange for meter reading, tariff and load control — Part 47: COSEM transport layers for IPv4 networks. This part of IEC 62056 specifies the transport layers for COSEM communication profiles for use on IPv4 networks
970.	IEC 62056-53	Electricity metering — Data exchange for meter reading, tariff and load control — Part 53: COSEM application layer
971.	IEC 62056-61	Electricity metering — Data exchange for meter reading, tariff and load control — Part 61: Object identification system (OBIS)
972.	IEC 62056-62	Electricity metering — Data exchange for meter reading, tariff and load control — Part 62: Interface classes

<b>973.</b>	IEC 62059-41	Electricity metering equipment — Dependability — Part 41: Reliability predic
<b>974.</b>	IEC 62093	Balance-of-system components for photovoltaic systems — Design qualification natural environments
<b>975.</b>	IEC 62124	Photovoltaic (PV) stand alone systems — Design verification
<b>976.</b>	IEC 62133	Secondary cells and batteries containing alkaline or other non-acid electrolytes — Safety requirements for portable sealed secondary cells, and for batteries made from them, for use in portable applications
<b>977.</b>	IEC 62219	Overhead electrical conductors — Formed wire, concentric lay, stranded conductors
<b>978.</b>	IEC 62259	Secondary cells and batteries containing alkaline or other non-acid electrolytes - Nickel-cadmium prismatic secondary single cells with partial gas recombination
<b>979.</b>	IEC 62485-4	Safety requirements for secondary batteries and battery installations — Part 4: Valve-regulated lead-acid batteries for use in portable appliances
<b>980.</b>	IEC 62620	Secondary cells and batteries containing alkaline or other non-acid electrolytes — Secondary lithium cells and batteries for use in industrial applications
<b>981.</b>	IEC 62675	Secondary cells and batteries containing alkaline or other non-acid electrolytes — Sealed nickel-metal hydride prismatic rechargeable single cells
<b>982.</b>	IEC TR 61438	Possible safety and health hazards in the use of alkaline secondary cells and batteries — Guide to equipment manufacturers and users
<b>983.</b>	IEC TR 62188	Secondary cells and batteries containing alkaline or other non-acid electrolytes — Design and manufacturing recommendations for portable batteries made from sealed secondary cells
<b>984.</b>	IEC TR 62914	Secondary cells and batteries containing alkaline or other non-acid electrolytes — Experimental procedure for the forced internal short-circuit test of IEC 62133:2012
<b>985.</b>	IEC WT 01	System for Conformity Testing and Certification of Wind Turbines — Rules and procedures
<b>986.</b>	IEC/TR 61044	Opportunity-charging of lead-acid traction batteries
<b>987.</b>	IEC 62485-4	Safety requirements for secondary batteries and battery installations — Part 4: Valve-regulated lead-acid batteries for use in portable appliances
<b>988.</b>	IEC/TR 61400-24	Wind energy generation systems — Part 24: Lightning protection
<b>989.</b>	IEC/TR 62051	Electricity metering — Glossary of terms
<b>990.</b>	IEC/TR 62051-1	Electricity metering — Data exchange for meter reading, tariff and load control — Glossary of terms — Part 1: Terms related to data exchange with metering equipment using DLMS/COSEM
<b>991.</b>	IEC/TR 62055-21	Electricity metering — Payment systems — Part 21: Framework for standardization
<b>992.</b>	IEC/TR 62059-11	Electricity metering equipment — Dependability — Part 11: General concepts
<b>993.</b>	IEC/TR 62059-21	Electricity metering equipment — Dependability — Part 21: Collection of meter dependability data from the field
<b>994.</b>	IEC/TR 62060	Secondary cells and batteries — Monitoring of lead acid stationary batteries — User guide
<b>995.</b>	IEC/TS 61400-23	Wind turbines — Part 23: Full-scale structural testing of rotor blades
<b>996.</b>	IEC/TS 61430	Secondary cells and batteries — Test methods for checking the performance of devices designed for reducing explosion hazards — Lead-acid starter batteries
<b>997.</b>	IEC/TS 61438	Possible safety and health hazards in the use of alkaline secondary cells and batteries — Guide to equipment manufacturers and users
<b>998.</b>	IEC/TS 61836	Solar photovoltaic energy systems — Terms, definitions and symbols
<b>999.</b>	IEC/TS 62056-41	Electricity metering — Data exchange for meter reading, tariff and load control —Part 41: Data exchange using wide area networks: Public switched telephone network (PSTN) with LINK+ protocol
<b>1000.</b>	IEC/TS 62056-51	Electricity metering — Data exchange for meter reading, tariff and load control — Part 51: Application layer protocols
<b>1001.</b>	IEC/TS 62056-52	Electricity metering — Data exchange for meter reading, tariff and load control — Part 52: Communication protocols management distribution line message specification (DLMS) server

1002.	IEC/TS 62257-	Recommendations for renewable energy and hybrid systems for rural electrification — Part 1: General introduction to IEC 62257 series and rural electrification
1003.	IEC/TS 62257-12-1	Recommendations for renewable energy and hybrid systems for rural electrification — Part 12-1: Selection of lamps and lighting appliances for off-grid electricity systems
1004.	IEC/TS 62257-2	Recommendations for renewable energy and hybrid systems for rural electrification — Part 2: From requirements to a range of electrification systems
1005.	IEC/TS 62257-3	Recommendations for renewable energy and hybrid systems for rural electrification — Part 3: Project development and management
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1008.	IEC/TS 62257-6	Recommendations for renewable energy and hybrid systems for rural electrification — Part 6: Acceptance, operation, maintenance and replacement
1009.	IEC/TS 62257-7-1	Recommendations for small renewable energy and hybrid systems for rural electrification — Part 7-1: Generators — Photovoltaic generators
1010.	IEC/TS 62257-9-2	Recommendations for renewable energy and hybrid systems for rural electrification — Part 9-2: Integrated systems — Microgrids
1011.	IEC/TS 62257-9-3	Recommendations for renewable energy and hybrid systems for rural electrification — Part 9-3: Integrated systems - User interface
1012.	IEC/TS 62257-9-4	Recommendations for small renewable energy and hybrid systems for rural electrification — Part 9-4: Integrated system — User installation
1013.	IEC/TS 62257-9-5	Recommendations for renewable energy and hybrid systems for rural electrification — Part 9-5: Integrated systems — Laboratory evaluation of stand-alone renewable energy products for rural electrification
1014.	IEC 60950-1	Information technology equipment — Safety — Part 1: General requirements
<b>AOAC INTERNATIONAL</b>		
1015.	AOAC 2001.13	Determination of Vitamin A (Retinol) in food — Liquid Chromatography
1016.	AOAC 2004.05	Total folates in cereal and cereal foods — Microbiological Assay-Trienzyme Procedure
1017.	AOAC 2011.14	Calcium, Copper, Iron, Magnesium, Manganese, Potassium, Phosphorus, Sodium and Zinc in fortified food products. Microwave Digestion and Inductively Coupled Plasma — Optical Emission Spectrometry
1018.	AOAC 932.03	Determination of Carbon dioxide (total) in self-rising flour
1019.	AOAC 944.02	Official Method for Determination of Iron in flour. Spectrophotometric method
1020.	AOAC 953.17	Thiamine (vitamin B1) in grain products. Fluorometric (rapid) method
1021.	AOAC 961.15	Vitamin B6 (pyridoxine pyridoxal pyridoxamine) in food extracts. Microbiological method
1022.	AOAC 970.65	Riboflavin (Vitamin B2) in foods and vitamin preparations
1023.	AOAC 975.41	Niacin and niacinamide in cereal products. Automated method
1024.	AOAC 952.13	Arsenic in food. Silver diethyldithiocarbamate
1025.	AOAC 946.04	Official method for Phosphatase (residual) in ice cream and frozen desserts
1026.	AOAC 986.15	Official method for Arsenic, Cadmium, Lead, Selenium and Zinc in human and pet foods
1027.	AOAC 999.10	Official method for lead, cadmium, zinc, copper, and iron in foods Atomic Absorption Spectrophotometry after microwave Digestion
1028.	AOAC 950.01	Water (total) in fertilizers
1029.	AOAC 2006.03	Arsenic, Cadmium, Cobalt, Chromium, Lead, Molybdenum, Nickel and Selenium in fertilizers
1030.	AOAC 937.02	Magnesium (water-soluble) in fertilizers
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1036.	AOAC 928.02	Chlorine (Water-soluble) in fertilizers

1037.	AOAC 965.08	Water (free) in fertilizers — Vacuum-desiccation
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1039.	AOAC 960.04	Biuret in fertilizers — Spectrophotometric method
1040.	AOAC 934.06	Determination of the moisture content for dried fruits
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1043.	AOAC 925.09	Solids (total) and loss on drying (moisture) in flour. Vacuum oven method
1044.	AOAC 948.15	Fat (crude) in seafood. Acid hydrolysis method
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1046.	AOAC 999.13	Lysine, methionine and threonine in pure amino acids (feed grade) premixes - HPLC post-column derivatization
1047.	AOAC 965.22	Sorting corn grits — Sieving method
1048.	AOAC 2001.04	Official methods of analysis for fumonisins B <sub>1</sub> and B <sub>2</sub> in corn and corn flakes
<b>AMERICAN SOCIETY FOR TESTING AND MATERIALS (ASTM)</b>		
1049.	ASTM D 3871-84	Standard Test Method for Purgeable Organic Compounds in Water Using Headspace Sampling
1050.	ASTM D 5907-13	Standard test methods for filterable matter (total dissolved solids) and non-filterable matter (total suspended solids) in water
1051.	ASTM D 6239-09	Standard Test Method for Uranium in Drinking Water by High-Resolution Alpha-Liquid-Scintillation Spectrometry
1052.	ASTM C311/C311M-13	Standard Test Methods for Sampling and Testing Fly Ash or Natural Pozzolans for Use in Portland-Cement Concrete
1053.	ASTM C494/C494M-13	Standard Specification for Chemical Admixtures for Concrete
1054.	ASTMC 1777	Standard Test Method for Rapid Determination of the Methylene Blue Value for Fine Aggregate or Mineral Filler Using a Colorimeter
1055.	ASTM A 1008 /A1008M	Steel, carbon and high-strength, low-alloy hot-rolled sheet and cold rolled sheet — General requirements
1056.	ASTM D 128	Standard test methods for analysis of lubricating grease
1057.	ASTM D 2429	Standard test method for hydrocarbon types in middle distillates by mass spectrometry
1058.	ASTM D 3237	Standard test method for lead in gasoline by atomic absorption spectroscopy
1059.	ASTM D 3348	Standard test method for rapid field test for trace lead in unleaded gasoline (Colorimetric method)
1060.	ASTM D 3606	Standard test method for determination of benzene and toluene in finished motor and aviation gasoline by gas chromatography
1061.	ASTM D 4053	Standard test method for benzene in motor and aviation gasoline by infrared spectroscopy
1062.	ASTM D 4953	Standard test method for vapour pressure of gasoline and gasoline-oxygenate blends (Dry method)
1063.	ASTM D 5059	Standard test methods for lead in gasoline by X-ray spectroscopy
1064.	ASTM D 5190	Standard test method for vapor pressure of petroleum products (Automatic method)
1065.	ASTM D 5599	Standard test method for determination of oxygenates in gasoline by gas chromatography and oxygen selective flame ionization detection
1066.	ASTM D 5986	Standard test method for determination of oxygenates, benzene, toluene, C <sub>8</sub> -C <sub>12</sub> aromatics and total aromatics in finished gasoline by gas chromatography/Fourier transform infrared spectroscopy
1067.	ASTM D 6591	Standard test method for determination of aromatic hydrocarbon types in middle distillates-high performance liquid chromatography method with refractive index detection
<b>EUROPEAN NORMS (EN)</b>		
1068.	EN 812-100	Aggregates — Methods of test — Part 1: General requirements for apparatus and calibration
1069.	EN 196-8	Cement — Definitions
1070.	EN 12590	Sewing threads — Sewing threads made wholly or partly from synthetic fibres
1071.	EN 1304	Clay roofing tiles and fittings. Product definitions and specifications
1072.	EN 1338	Concrete paving blocks. Requirements and test methods
1073.	EN 1916	Concrete pipes and fittings, unreinforced, steel fibre and reinforced
1074.	EN 1917	Concrete manholes and inspection chambers, unreinforced, steel fibre and reinforced



<b>CODEX STANDARDS</b>		
<b>1075.</b>	CAC/RCP 53	Code of Hygienic Practice for Fresh Fruits and Vegetables
<b>1076.</b>	CAC RCP 1	General principles of food hygiene
<b>1077.</b>	CODEX STAN 193	General standard for contaminants and toxins in food and feed
<b>1078.</b>	CODEX STAN 107	General Standard for the Labelling of Food Additives when sold as such
<b>1079.</b>	CODEX STAN 192	General Standard for Food Additives