



## EAST AFRICAN COMMUNITY

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### BILLS SUPPLEMENTS

	<i>Bill</i>
● The East African Community Supplementary Appropriation (No. 2) Bill, 2019	No. 3
● The East African Community Appropriation Bill, 2019	No. 4
● The Lake Victoria Basin Commission Bill, 2019	No. 5

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Legal Notice No.EAC/60/2019.



**EAST AFRICAN COMMUNITY**

**THE EAST AFRICAN COMMUNITY STANDARDIZATION, QUALITY ASSURANCE, METROLOGY, AND TESTING ACT, 2006**

**(NOTICE OF DECLARATION OF EAST AFRICAN STANDARDS), 2019.**

*(under section 14(1), (2) and (5) of the East African Community Standardization, Quality Assurance, Metrology and Testing Act, 2006)*

**IN EXERCISE** of the powers conferred on the Council by section 14(1), (2) and (5) of the East African Community Standardization, Quality Assurance, Metrology and Testing Act, 2006, the Council declares the following East African Standards:

**PART I**

**LIST OF THE TITLES AND SCOPES OF THE EAST AFRICAN STANDARDS**

**A. EASC/TC 001 – ANIMAL FEEDING, FEEDS AND FEEDING STUFFS**

**1. EAS 55:2019, Compounded pig feeds — Specification (2<sup>nd</sup> 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.

**This 2<sup>nd</sup> Edition cancels and replaces the 1<sup>st</sup> Edition (EAS 55:2000) which is hereby withdrawn.**

**2. EAS 75:2019, Compounded Cattle feed – Specification (2<sup>nd</sup> 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.

**This 2<sup>nd</sup> Edition cancels and replaces the 1<sup>st</sup> Edition (EAS 75:2000) which is hereby withdrawn.**

**3. EAS 90:2019, Compounded poultry feeds — Specification (2<sup>nd</sup> 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.

**This 2<sup>nd</sup> Edition cancels and replaces the 1<sup>st</sup> Edition (EAS 90:2000) which is hereby withdrawn.**

**4. EAS 973:2019, Compounded fish feeds — Specification (1<sup>st</sup> 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.

**5. EAS 974:2018, Compounded dairy goat feeds — Specification (1<sup>st</sup> edition)**

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

**B. EASC/TC 018 NUTRITION AND FOODS FOR SPECIAL DIETARY USES**

**6. EAS 767:2019 Fortified wheat flour — Specification (2<sup>nd</sup> 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.

**This 2<sup>nd</sup> Edition cancels and replaces the 1<sup>st</sup> Edition (EAS 767:2012) which is hereby withdrawn.**

7. **EAS 768:2019 Fortified milled maize(corn) products —Specification (2<sup>nd</sup> 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.  
**This 2<sup>nd</sup> Edition cancels and replaces the 1<sup>st</sup> Edition (EAS 768: 2012) which is hereby withdrawn.**
8. **EAS 769:2019 Fortified edible fats and oils—Specification (2<sup>nd</sup> 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.  
**This 2<sup>nd</sup> Edition cancels and replaces the 1<sup>st</sup> Edition (EAS 769: 2012) which is hereby withdrawn.**
- C. **EASC/TC 014 – CEREALS AND PULSES**
9. **EAS 1: 2019, Wheat flour- Specification (4<sup>th</sup> 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.  
**This 4<sup>th</sup> Edition cancels and replaces the 3<sup>rd</sup> Edition (EAS 1: 2017), which has been technically revised.**
10. **EAS 44: 2019, Milled maize (Corn) products- Specification (4<sup>th</sup> 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  
**This 4<sup>th</sup> Edition cancels and replaces the 3<sup>rd</sup> Edition (EAS 44: 2017) which is hereby withdrawn.**
11. **EAS 757: 2019, Sorghum grains- Specification (3<sup>rd</sup> 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.  
**This 3<sup>rd</sup> Edition cancels and replaces the 2<sup>nd</sup> Edition (EAS 757: 2013), which is hereby withdrawn.**
12. **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.  
**This 3<sup>rd</sup> Edition cancels and replaces the 2<sup>nd</sup> Edition (EAS 331: 2012), which is hereby withdrawn.**
13. **EAS 758: 2019, Finger millet grains- Specification (3<sup>rd</sup> 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.  
**This 3<sup>rd</sup> Edition cancels and replaces the 2<sup>nd</sup> Edition (EAS 758: 2013), which is hereby withdrawn**
14. **EAS 799: 2019, Edible full fat soya flour (2<sup>nd</sup> 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.  
**This 2<sup>nd</sup> Edition cancels and replaces the 1<sup>st</sup> Edition (EAS 799:2013), which is hereby withdrawn.**
15. **EAS 782: 2019, Composite flour –Specification (2<sup>nd</sup> 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.  
**This 2<sup>nd</sup> Edition cancels and replaces the 1<sup>st</sup> Edition (EAS 782:2012), which is here by withdrawn.**

**D. EASC/TC/ TC 017 - MILK AND MILK PRODUCTS****16. EAS 22:2018 Butter—Specification (3<sup>rd</sup> Edition)**

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

**This 3<sup>rd</sup> Edition cancels and replaces the 2<sup>nd</sup> Edition (EAS 22: 2007) which is hereby withdrawn.**

**17. EAS 27:2018 UHT milk —Specification (3<sup>rd</sup> Edition)**

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

**This 3<sup>rd</sup> Edition cancels and replaces the 2<sup>nd</sup> Edition (EAS 27: 2007) which is hereby withdrawn.**

**18. EAS 33:2018 Yoghurt —Specification (3<sup>rd</sup> Edition)**

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

**This 3<sup>rd</sup> Edition cancels and replaces the 2<sup>nd</sup> Edition (EAS 33: 2007) which is hereby withdrawn.**

**19. EAS 49: 2018 Milk powders and cream powder —Specification (3<sup>rd</sup> 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.

**This 3<sup>rd</sup> Edition cancels and replaces the 2<sup>nd</sup> Edition (EAS 49: 2007) which is hereby withdrawn.**

**20. EAS 67: 2018 Raw cow milk —Specification (3<sup>rd</sup> Edition)**

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

**This 3<sup>rd</sup> Edition cancels and replaces the 2<sup>nd</sup> Edition (EAS 67: 2007) which is hereby withdrawn**

**21. EAS 69: 2018 Pasteurized milk—Specification (3<sup>rd</sup> Edition)**

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

**This 3<sup>rd</sup> Edition cancels and replaces the 2<sup>nd</sup> Edition (EAS 69: 2007) which is hereby withdrawn.**

**22. EAS 70: 2018 Dairy ice cream—Specification (3<sup>rd</sup> Edition)**

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

**This 3<sup>rd</sup> Edition cancels and replaces the 2<sup>nd</sup> Edition (EAS 70: 2007) which is hereby withdrawn.**

**23. EAS 87: 2018 Sweetened condensed milk—Specification (3<sup>rd</sup> 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.

**This 3<sup>rd</sup> Edition cancels and replaces the 2<sup>nd</sup> Edition (EAS 87: 2007) which is hereby withdrawn.**

**24. EAS 915: 2018 Ghee —Specification (1<sup>st</sup> Edition)**

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

**E. EASC/ TC 020 – AGRICULTURE AND AGROCHEMICALS****25. EAS 456: 2019, Organic production standard (2<sup>nd</sup> 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.

**This 2<sup>nd</sup> Edition cancels and replaces the 1<sup>st</sup> Edition (EAS 456:2007), which has been technically revised.**

**26. EAS 904: 2019, Fertilizers — Phosphate rock powder — Specification (1<sup>st</sup> Edition)**

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

27. **EAS 905: 2019, Fertilizers — Granulated phosphate rock — Specification (1<sup>st</sup> 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.
28. **EAS 906: 2019, Fertilizers — Triple Superphosphate — Specification (1<sup>st</sup> Edition)**  
This East African Standard specifies requirements, sampling and test methods for Triple Superphosphate (TSP) fertilizer
29. **EAS 907: 2019, Fertilizers — Potassium sulphate (sulphate of potash) — Specification (1<sup>st</sup> Edition)**  
This East African Standard specifies requirements, sampling and test methods for potassium sulphate (sulphate of potash) fertilizer.
30. **EAS 908: 2019, Fertilizers — Potassium chloride (muriate of potash) — Specification (1<sup>st</sup> Edition)**  
This East African Standard specifies requirements, sampling and test methods for potassium chloride (muriate of potash) fertilizer.
31. **EAS 909: 2019, Fertilizers — Calcium ammonium nitrate (CAN) — Specification (1<sup>st</sup> Edition)**  
This East African standard specifies requirements, sampling and test methods for calcium ammonium nitrate (CAN) fertilizer.
32. **EAS 910: 2019, Fertilizers — Urea — Specification (1<sup>st</sup> Edition)**  
This East African Standard specifies the requirements, sampling and test methods for urea fertilizer.
33. **EAS 911: 2019, Fertilizers — Ammonium sulphate (sulphate of ammonia) — Specification (1<sup>st</sup> Edition)**  
This East African Standard specifies requirements, sampling and test methods for ammonium sulphate fertilizer
34. **EAS 912: 2019, Fertilizers — Nitrogen, Phosphorus, Potassium (NPK) Compound — Specification (1<sup>st</sup> Edition)**  
This East African Standard specifies requirements, sampling and test methods for NPK fertilizer (compound and blended).
35. **EAS 913: 2019, Solid Fertilizers — Methods of sampling (1<sup>st</sup> 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

#### **F EASC/ TC 002 – COFFEE, COCOA AND TEA AND RELATED PRODUCTS**

36. **EAS 28 2018 Black tea – Specification (2<sup>nd</sup> 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.

**This 2<sup>nd</sup> Edition cancels and replaces the 1<sup>st</sup> Edition (EAS 28:2000) which is hereby withdrawn**

37. **EAS 921: 2018 Green tea—Specification (1<sup>st</sup> 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

38. **EAS 922: 2018 Flavoured black tea —Specification (1<sup>st</sup> Edition)**  
This East African Standard specifies requirements, sampling and test methods for flavoured black tea
39. **EAS 923:2018 Instant tea —Specification (1<sup>st</sup> Edition)**  
This East African Standard specifies the requirements, sampling and test methods for instant tea of the species *Camellia sinensis* (Linneaus) O. Kuntze

#### **G. EASC/TC 006 - SPICES, CULINARY HERBS AND CONDIMENTS**

40. **EAS 919: 2019 Pilau Masala Specification (1<sup>st</sup> Edition)**  
This East African Standard specifies the requirements, sampling and test methods for pilau masala.

- 41. EAS 920:2019 Tea Masala Specification (1<sup>st</sup> 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
- 42. EAS 98: 2019 Curry powder specification (2<sup>nd</sup> 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.  
**This 2<sup>nd</sup> Edition cancels and replaces the 1<sup>st</sup> Edition (EAS 98:1999) which is hereby withdrawn**
- 43. EAS 916: 2019 Ginger Specification (1<sup>st</sup> 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.
- 44. EAS 917: 2019 Turmeric Specification (1<sup>st</sup> Edition)**  
This East African Standard specifies the requirements, sampling and test methods for dried turmeric, *Curcuma longa* (L). Whole, in pieces and ground.
- 45. EAS 918: 2019 Cloves Specification (1<sup>st</sup> Edition)**  
This East African Standard specifies the requirements, sampling and test methods for cloves [*Syzygium aromaticum* (L.) Merril & Perry]
- 46. EAS 147-1:2019 Vinegar from natural sources (2<sup>nd</sup> Edition)**  
This East African Standard specifies requirements, sampling and test methods for vinegar from natural sources intended for human consumption.  
**This 2<sup>nd</sup> Edition cancels and replaces the 1<sup>st</sup> Edition (EAS 147-1:2000) which is here by withdrawn.**
- 47. EAS 147-2:2019 Vinegar from artificial sources (2<sup>nd</sup> Edition)**  
This East African Standard specifies requirements, sampling and test methods for vinegar from artificial sources for human consumption.  
**This 2<sup>nd</sup> Edition cancels and replaces the 1<sup>st</sup> Edition (EAS 147-2:2000) which is hereby withdrawn.**
- 48. EAS 99:2019 Spices and Condiments – Terminology (2<sup>nd</sup> 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.  
**This 2<sup>nd</sup> Edition cancels and replaces the 1<sup>st</sup> Edition (EAS 99:1999) which is hereby withdrawn**
- H. EASC/TC 070 PAINTS, VARNISHES AND RELATED PRODUCTS**
- 49. EAS 926:2019- Varnishes for interior surfaces — Specification (1<sup>st</sup> 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.
- 50. EAS 927:2019- Road marking paints — Specification (1<sup>st</sup> 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
- 51. EAS 928-1:2019 Hot applied thermoplastic road marking paint — Specification, Part 1: Constituent material and mixtures (1<sup>st</sup> 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
- 52. EAS 928-2:2019- Hot applied thermoplastic road marking paint — Specification — Part 2: Road performance Specification (1<sup>st</sup> 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.



- 53. EAS 929:2019- Solvent-based paint remover — Specification (1<sup>st</sup> 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.
- I. EASC/ TC 035 – STEEL**
- 54. EAS 412-1:2019 Steel for the reinforcement of concrete — Part 1: Plain bars (3<sup>rd</sup> Edition)**  
This East African Standard specifies technical requirements for plain bars to be used as reinforcement in non-structural concrete.  
**This 3<sup>rd</sup> Edition cancels and replaces the 2<sup>nd</sup> Edition (EAS 412-1:2013) which is hereby withdrawn.**
- 55. EAS 412-2:2019 Steel for the reinforcement of concrete — Part 2: Ribbed bars (3<sup>rd</sup> Edition)**  
This East African Standard specifies technical requirements for ribbed bars to be used as reinforcement in concrete.  
**This 3<sup>rd</sup> Edition cancels and replaces the 2<sup>nd</sup> Edition (EAS 412-2:2013) which is hereby withdrawn.**
- 56. EAS 412-3:2019 Steel for the reinforcement of concrete — Part 3: Welded fabric (1<sup>st</sup> 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
- 57. EAS 134:2019 Cold rolled steel sections — Specification (3<sup>rd</sup> 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.  
**This 3<sup>rd</sup> Edition cancels and replaces the 2<sup>nd</sup> Edition (EAS 134:2013) which is hereby withdrawn**
- 58. EAS 914:2019 Mild steel nails — Specification (1<sup>st</sup> 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
- 59. EAS 11:2019 Hot-dip galvanized plain and corrugated steel sheets —Specification (3<sup>rd</sup> 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.  
**This 3<sup>rd</sup> Edition cancels and replaces the 2<sup>nd</sup> Edition (EAS 11: 2013) which is hereby withdrawn**
- 60. EAS 468:2019 Pre-painted metal coated steel sheets and coils — Specification (3<sup>rd</sup> Edition)**  
This East African Standard specifies requirements, sampling and test methods for pre-painted metal coated steel sheets and coils.  
**This 3<sup>rd</sup> Edition cancels and replaces the 2<sup>nd</sup> Edition (EAS 468: 2013) which is here by withdrawn.**
- K. EASC/TC 066- PACKAGING**
- 61. EAS 930:2019 Paper and board food contact material — Specification (1<sup>st</sup> Edition)**  
This East African Standard specifies the requirements, sampling and test methods for paper and board food contact packaging material
- 62. EAS 931:2019 Packaging ancillary materials — Code of practice — Desiccants (1<sup>st</sup> Edition)**  
This East Africa Standard gives the guidelines on the selection and use of desiccants in packaging
- 63. EAS 932:2019 Paper Plates, Cups for food packaging —Specification (1<sup>st</sup> 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

- 64. EAS 933:2019 Paper and board intended to come into contact with foodstuffs — Determination of formaldehyde in an aqueous extract (1<sup>st</sup> 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.
- 65. EAS 934:2019 Packaging — Flexible laminate tubes — Test methods to assess the strength of the side seam (1<sup>st</sup> Edition)**  
This East African Standard specifies methods for the assessment of the strength of the side seam of flexible laminate tubes
- 66. EAS 935:2019 Packaging code — Part 1: Packaging in glass (1<sup>st</sup> Edition)**  
This Final Draft East African Standard gives guidelines on the manufacture, types, selection and use of glass containers for packaging.
- L. EASC/TC 016/SC 02 PROCESSED HORTICULTURE PRODUCTS**
- 67. EAS 945:2019: Pickles –Specification (1<sup>st</sup> Edition)**  
This East African Standard specifies the requirements, sampling and test methods for pickles intended for human consumption.
- 68. EAS 946:2019: dried mango- Specification (1<sup>st</sup> 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.
- 69. EAS 947:2019: jams, jellies and marmalade- Specification (1<sup>st</sup> Edition)**  
This East African Standard specifies the requirements, sampling and test methods for jams, jellies and marmalades intended for direct human consumption.
- 70. EAS 77:2019: fruits drinks- Specification (2<sup>nd</sup> 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.
- This 2<sup>nd</sup> Edition cancels and replaces the EAS 77-1: 2000 and EAS 77-2: 2000 both 1<sup>st</sup> Edition which are hereby withdrawn.**
- 71. EAS 948: 2019: fruit juices and nectars- Specification (1<sup>st</sup> 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.
- This standard cancels and replaces EAS 9, EAS 10, EAS 37, EAS 48, EAS 52, and EAS 175; all of them 2000 version which were technically revised and combined into one and are hereby withdrawn.**
- M. EASC/TC 019 SUGAR AND SUGAR PRODUCTS**
- 72. EAS 351:2019 Toffee — Specification (2<sup>nd</sup> Edition)**  
This East African Standard specifies requirements, sampling and test methods for toffee.
- This 2<sup>nd</sup> Edition cancels and replaces the 1<sup>st</sup> Edition (EAS 351: 2004), which is hereby withdrawn.**
- 73. EAS 352: 2019 Chewing gum and bubble gum — Specification (3<sup>rd</sup> edition)**  
This East African Standard specifies the requirements, sampling and test methods for chewing gum. This standard also applies to bubble gum.
- This 3<sup>rd</sup> Edition cancels and replaces the 2<sup>nd</sup> Edition (EAS 352: 2014), which is hereby withdrawn.**
- N. EASC/ TC/068 PETROLEUM AND PETROLEUM PRODUCTS**
- 74. EAS 158: 2019 Automotive gasoline (Premium motor spirit) — Specification (3<sup>rd</sup> 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.

**This 3<sup>rd</sup> Edition cancels and replaces the 2<sup>nd</sup> Edition (EAS 158:2012), which is hereby withdrawn.**

**75. EAS 177: 2019 Automotive gas oil (automotive diesel)—Specification (3<sup>rd</sup> 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.

**This 3<sup>rd</sup> Edition cancels and replaces the 2<sup>nd</sup> Edition (EAS 177:2012), which is hereby withdrawn.**

**O. EASC/TC 007, ALCOHOLIC AND NON-ALCOHOLIC DRINKS.**

**76. EAS 63: 2019 Beer — Specification (3<sup>rd</sup> edition)**

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

**This 3<sup>rd</sup> Edition cancels and replaces the 2<sup>nd</sup> Edition, EAS 63:2014, which is hereby withdrawn.**

**77. EAS 138: 2019 Still table wine — Specification (3<sup>rd</sup> edition)**

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

**This 3<sup>rd</sup> Edition cancels and replaces the 2<sup>nd</sup> Edition EAS 138:2014, which is hereby withdrawn.**

**P. EASC/TC 061 –TEXTILE, TEXTILE PRODUCTS AND ACCESSORIES**

**78. 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).

**This 2<sup>nd</sup> Edition cancels and replaces the 1<sup>st</sup> Edition EAS 455:2008, which is hereby withdrawn.**

**79. EAS 356:2019, Textiles — Requirements for inspection and acceptance of used textile products (2<sup>nd</sup> Edition)**

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

**This 2<sup>nd</sup> Edition cancels and replaces the 1<sup>st</sup> Edition EAS 356:2004, which is hereby withdrawn.**

## PART II

### AMENDMENTS TO 8 EXISTING EAST AFRICAN STANDARDS

**Q. EASC/TC 070 PAINTS, VARNISHES AND RELATED PRODUCTS**

80. EAS 848:2016, Water-thinned priming paints for wood – Specification, Amendment 1:2019;

81. EAS 849:2016, Silk (sheen) emulsion paint for interior use - Specification, Amendment 1:2019;

82. EAS 850:2016, Matt solvent-borne paint for interior and exterior use Specification, Amendment 1: 2019;

83. EAS 851:2016, Matt solvent-borne paint for interior and exterior use Specification, Amendment 1:2019;

84. EAS 852:2016, Air-dried roofing paint - Specification, Amendment 1:2019;

85. EAS 853-1:2016, Auto-refinishing paint - Specification - Part 1: Synthetic resin based, Amendment 1:2019;

86. EAS 853-2:2016, Auto-refinishing paint - Specification – Part 2: Nitrocellulose resin based, Amendment 1:2019;

87. EAS 856:2016, 2-Pack acrylic resin-based auto-refinishing paint — Specification, Amendment 1:2019

**PART III****LIST OF TITLES OF INTERNATIONAL STANDARDS FOR ENDORSEMENT FOR ADOPTION BY THE PARTNER STATES**

The following International Standards are recommended for endorsement for adoption by Partner States as per the respective procedures:

**R. EASC/TC 052 ENERGY RESOURCES**

1. IEC 61730-1:2016, Photovoltaic (PV) module safety qualification - Part 1: Requirements for construction
2. IEC 61730-2:2016, Photovoltaic (PV) module safety qualification - Part 2: Requirements for testing
3. IEC 61724-1:2017, Photovoltaic system performance- Part 1: Monitoring
4. IEC/TS 61724-2:2016, Photovoltaic system performance -Part 2: Capacity evaluation method
5. IEC/TS 61724-3:2016, Photovoltaic system performance - Part 3: Energy evaluation method
6. IEC/TS 61836:2016, Solar photovoltaic energy systems Terms, definitions and symbols.
7. IEC 61427-1:2013, Secondary cells and batteries for renewable energy storage - General requirements and methods of test - Part 1: Photovoltaic off-grid application.
8. IEC 61427-2:2015, Secondary cells and batteries for renewable energy storage - General requirements and methods of test - Part 2: On-grid applications
9. IEC 62509:2010, Battery charge controllers for photovoltaic systems - Performance and functioning
10. IEC 62093:2005, Balance-of-system components for photovoltaic Systems-Design qualification natural environments
11. IEC 62109-1:2010, Safety of power converters for use in photovoltaic power systems- Part 1: General requirements
12. IEC 62109-2:2011, Safety of power converters for use in photovoltaic power systems- Part 2: Particular requirements for inverters
13. IEC 61683:1999, Photovoltaic systems - Power conditioners - Procedure for measuring efficiency
14. IEC 60598-1:2014+AMD1:2017, Luminaires -Part 1: General requirements and tests
15. IEC 61829:2015, Photovoltaic (PV) array On-site measurement of current-voltage characteristics

**S. EASC/TC 035: STEEL**

16. ISO 630-1: 2011 - Structural steels —Part 1: General technical delivery conditions for hot - rolled products
17. ISO 630-2:2011 - Structural steels —Part 2: Technical delivery conditions for structural steels for general purposes
18. ISO 630-3:2012 - Structural steels —Part 3: Technical delivery conditions for fine grain structural steels

**PART IV****LIST OF ENDORSEMENT AS NORMATIVE REFERENCES FOR PARTNER STATES ADOPTION**

19. ISO 5510, Animal feeding stuffs — Determination of available lysine
20. ISO 5983-1, Animal feeding stuffs — Determination of nitrogen content and calculation of crude protein content — Part 1: Kjeldahl method
21. ISO 5984:2002, Animal feeding stuffs — Determination of crude ash
22. ISO 5985:2002, Animal feeding stuffs — Determination of ash insoluble in hydrochloric acid

23. ISO 6490-1:1985, Animal feeding stuffs — Determination of calcium content — Part 1: Titrimetric method
24. ISO 6491:1998, Animal feeding stuffs — Determination of phosphorus content — Spectrometric method
25. ISO 6492:1999, Animal feeding stuffs — Determination of fat content
26. ISO 6496:1999, Animal feeding stuffs — Determination of moisture and other volatile matter content
27. ISO 6865:2000, Animal feeding stuffs — Determination of crude fibre content — Method with intermediate filtration
28. ISO 9831:1998, Animal feeding stuffs, animal products, and faeces or urine — Determination of gross calorific value — Bomb calorimeter method
29. ISO 13903:2005, Animal feeding stuffs — Determination of amino acids content
30. ISO 14718:1998, Animal feeding stuffs — Determination of aflatoxin B1 content of mixed feeding stuffs — Method using high-performance liquid chromatography
31. ISO 17375:2006, Animal feeding stuffs — Determination of aflatoxin B1
32. ISO 27085:2009, Animal feeding stuff — Determination of calcium, sodium, phosphorous, magnesium, potassium, iron, zinc, copper, manganese, cobalt, molybdenum, arsenic, lead and cadmium by ICP-AES
33. AOAC 2001.13, Determination of Vitamin A (Retinol) in food — Liquid Chromatography
34. AOAC 2004.05, Total folates in cereal and cereal foods — Microbiological Assay-Trienzyme Procedure
35. 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
36. AOAC 932.03, Determination of Carbon dioxide (total) in self-rising flour
37. AOAC 944.02, Official Method for Determination of Iron in flour. Spectrophotometric method
38. AOAC 952.13, Arsenic in food. Silver diethyldithiocarbamate
39. AOAC 953.17, Thiamine (vitamin B1) in grain products. Fluorometric (rapid) method
40. AOAC 961.15, Vitamin B6 (pyridoxine pyridoxal pyridoxamine) in food extracts. Microbiological method
41. AOAC 970.65, Riboflavin (Vitamin B2) in foods and vitamin preparations
42. AOAC 975.41, Niacin and niacinamide in cereal products. Automated method
43. 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
44. ISO 17189, Butter, edible oil emulsions and spreadable fats — Determination of fat content (Reference method)
45. ISO 20634, Infant formula and adult nutritionals — Determination of vitamin B12 by reversed phase high performance liquid chromatography (RP-HPLC)
46. ISO 21527-2, Microbiology of food and animal feedstuffs — 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
47. ISO 2171, Cereals, pulses and by-products — Determination of ash yield by incineration
48. ISO 5985, Animal feeding stuffs — Determination of ash insoluble in hydrochloric acid
49. ISO 6579-1, Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella —Part 1: Detection of Salmonella spp.
50. ISO 7305, Milled cereal products —Determination of fat acidity
51. ISO 5985, Animal feeding stuffs — Determination of ash insoluble in hydrochloric acid
52. AOAC 952.13, Arsenic in food. Silver diethyldithiocarbamate

53. AOAC 946.04, Official method for Phosphatase (residual) in ice cream and frozen desserts
54. AOAC 986.15, Official method for Arsenic, Cadmium, Lead, Selenium and Zinc in human and pet foods
55. AOAC 999.10, Official method for lead, cadmium, zinc, copper, and iron in foods Atomic Absorption Spectrophotometry after microwave Digestion
56. ISO 11816-1, Milk and milk products — Determination of alkaline phosphatase activity — Part 1: Fluorimetric method for milk and milk-based drinks
57. ISO 13366-1, Milk — Enumeration of somatic cells — Part 1: Microscopic method (Reference method)
58. ISO 14501, Milk and milk powder — Determination of aflatoxin M1 content — Clean-up by immunoaffinity chromatography and determination by high-performance liquid chromatography
59. ISO 1736, Dried milk and dried milk products — Determination of fat content — Gravimetric method (Reference method)
60. ISO 1737, Evaporated milk and sweetened condensed milk — Determination of fat content — Gravimetric method (Reference method)
61. ISO 18068, Cotton fibres — Test method for sugar content — Spectrophotometry
62. 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
63. ISO 5537, Dried milk — Determination of moisture content (Reference method)
64. ISO 6091, Dried milk — Determination of titratable acidity (Reference method)
65. ISO 6321, Animal and vegetable fats and oils — Determination of melting point in open capillary tubes (slip point)
66. ISO 7889, Yoghurt — Enumeration of characteristic microorganisms — Colony count technique at 37 degrees C
67. ISO 8156, Dried milk and dried milk products — Determination of insolubility index
68. ISO 8968-1, Milk and milk products — Determination of nitrogen content — Part 1: Kjeldahl principle and crude protein calculation
69. 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)
70. ISO 6598, Fertilizers — Determination of phosphorus content — Quinoline phosphomolybdate gravimetric method
71. ISO 8157, Fertilizers and soil conditioners — Vocabulary
72. ISO 8397, Solid fertilizers and soil conditioners — Test sieving
73. ISO 7409, Fertilizers — Marking — Presentation and Declarations
74. ISO 17318, Fertilizers and soil conditioners — Determination of arsenic, cadmium, chromium, lead and mercury contents
75. ISO 10084, Solid fertilizers – Determination of mineral – acid- soluble sulphate content- Gravimetric method
76. ISO 17319, Fertilizers and soil conditioners — Determination of water-soluble potassium content — Potassium tetraphenylborate gravimetric method
77. ISO 5315, Fertilizers — Determination of total nitrogen content — Titrimetric method after distillation
78. ISO 5314, Fertilizers — Determination of ammoniacal nitrogen content — Titrimetric method after distillation
79. ISO 5316, Fertilizers — Extraction of Water — Soluble Phosphate
80. AOAC 950.01, Water (total) in fertilizers
81. AOAC 2006.03, Arsenic, Cadmium, Cobalt, Chromium, Lead, Molybdenum, Nickel and Selenium in fertilizers
82. AOAC 937.02, Magnesium (water-soluble) in fertilizers

83. AOAC 962.01, Calcium and magnesium in liming materials — EDTA Titrimetric method
84. AOAC 972.02, Manganese (acid-soluble) in fertilizers — Atomic absorption spectrophotometric method
85. AOAC 975.02, Zinc in fertilizers — Atomic absorption spectrophotometric method
86. AOAC 975.01, Copper in fertilizers — Atomic absorption spectrophotometric method
87. AOAC 980.01, Iron in fertilizers — Atomic absorption spectrophotometric method
88. AOAC 928.02, Chlorine (Water-soluble) in fertilizers
89. AOAC 965.08, Water (free) in fertilizers — Vacuum-desiccation
90. AOAC 983.04, Sodium in fertilizers. Atomic absorption spectroscopy
91. AOAC 960.04, Biuret in fertilizers — Spectrophotometric method
92. ISO 18643, Fertilizers and soil conditioners — Determination of biuret content of urea-based fertilizers — HPLC method
93. ISO 15959, Fertilizers — Determination of extracted phosphorus
94. ISO 2993, Ammonium sulphate for industrial use — Determination of free acidity — Titrimetric method
95. ISO 10727, Tea and instant tea in solid form — Determination of caffeine content — Method using high-performance liquid chromatography
96. 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
97. 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
98. ISO 15598, Tea — Determination of crude fibre content
99. ISO 1572, Tea — Preparation of ground sample of known dry matter content
100. ISO 1573, Tea — Determination of loss in mass at 103 °C
101. ISO 1575, Tea — Determination of total ash
102. ISO 1576, Tea — Determination of water soluble ash and water insoluble ash
103. ISO 1577, Tea — Determination of acid insoluble ash
104. ISO 1578, Tea — Determination of alkalinity of water-soluble ash
105. 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 °C using 5-bromo-4-chloro-3-indolyl beta-D-glucuronide
106. ISO 1839, Tea — Sampling
107. 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
108. ISO 3103, Tea — Preparation of liquor for use in sensory tests
109. ISO 6078, Black tea -- Vocabulary
110. ISO 6579-1, Microbiology of food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp
111. ISO 7513, Instant tea in solid form — Determination of moisture content  
(loss in mass at 103 degrees C)
112. ISO 7514, Instant tea in solid form — Determination of total ash

113. ISO 7516, Instant tea in solid form — Sampling
114. ISO 9768, Tea — Determination of water extract
115. ISO 927 spices and condiments- Determination of extraneous matter and foreign matter content
116. ISO 928 spices and condiments- Determination of total ash
117. ISO 930 spices and condiments- Determination of acid insoluble ash
118. ISO 939 spices and condiments- Determination of moisture content  
Entrainment method
119. ISO 1108 spices and condiments - Determination of non-volatile oil ether extract
120. ISO 2825 spices and condiments- Preparation of ground sample for analysis
121. ISO 6571 spices and condiments - Determination of volatile oil content (hydrodistillation method)
122. ISO/TR 9769, Steel and iron — Review of available methods of analysis
123. ISO/TS 4949, Steel names based on letter symbols
124. ISO 15630-1, Steel for the reinforcement and prestressing of concrete — Test methods — Part 1: Reinforcing bars, wire rod and wire
125. ISO 10065, Steel bars for reinforcement of concrete — Bend and rebend tests
126. ISO 10287, Steel for the reinforcement of concrete — Determination of strength of joints in welded fabric
127. ISO 10544, Cold-reduced steel wire for the reinforcement of concrete and the manufacture of welded fabric
128. ISO 11082, Certification scheme for welded fabric for the reinforcement of concrete structures
129. ISO 14347, Fatigue — Design procedure for welded hollow-section joints — Recommendations
130. ISO 1461, Hot dip galvanized coatings on fabricated iron and steel articles — Specification and test methods
131. ISO 2081, Electroplated coatings of zinc on steel
132. ISO 7989 (all parts), Steel wire and wire products — Non-ferrous metallic coatings on steel wire
133. ISO 16120 (all parts), Non-alloy steel rod for drawing and/or cold rolling.
134. ISO 6507-1, Metallic materials — Vickers hardness test — Part 1: Test method
135. ISO 15184, Paints and varnishes — Determination of film hardness by pencil test
136. ISO 15110, Paints and varnishes — Artificial weathering including acidic deposition
137. AOAC 934.06, Determination of the moisture content for dried fruits
138. ISO 6579-1, Microbiology of the food chain — Horizontal methods for detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.
139. ISO 6888-1, Microbiology of food and animal feeding stuffs — Horizontal method for the enumeration of coagulase-positive staphylococci (*Staphylococcus aureus* and other species) — Part 1: Technique using Baird-Parker agar medium
140. 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
141. 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
142. AOAC 968.30, Canned vegetables — Drained weight procedure



143. AOAC 999.10, Determination of Lead, Cadmium, Zinc, Copper and Iron in foods Atomic absorption spectrometry after microwave digestion
144. 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
145. 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 meth
146. ISO 2172, Fruit juice — Determination of solids content — Pycnometric method
147. ISO 5522, Fruits, vegetables and derived products — Determination of total sulphur dioxide content

## PART V

### LIST OF WITHDRAWN STANDARDS

The following standards are hereby withdrawn:

1. 363-1:2005, Solar photovoltaic power systems- Test procedures for main components- Part 1: Test procedures for photovoltaic modules. ***Was previously replaced with IEC 61215:2005 and IEC 61646: 2008***
2. EAS 367:2005, Susceptibility of a photovoltaic module to accidental impact damage (resistance to impact test). ***Being replaced with IEC 61730-1:2016 and IEC 61730-2:2016***
3. EAS 366:2005, Characteristic parameters of stand-alone photovoltaic (PV) systems. ***Being replaced with IEC/JTS 61836: 2016***
4. EAS 363-3:2005, Solar photovoltaic power Systems-Test procedures for main components- Part 3: Test procedure for regulators. ***Being replaced with IEC 62509:2010 and IEC 62093:2005***
5. EAS 363-4: 2005, Solar photovoltaic power systems -Test procedures for main components- Part 4: Test procedures for inverters. ***Being replaced with IEC 62109-1:2010, IEC 62109-2:2011 and IEC 61683:1999***
6. EAS 363-5: 2005, Solar photovoltaic power Systems-Test procedures for main components- Part 5: Test procedures for luminaires. ***Being replaced with IEC 60598-1:2014+AMD1:2017***
7. EAS 368: 2005, Photovoltaic system performance monitoring — Guidelines for measurement, data exchange and analysis. ***Being replaced with IEC 61724- 1:2017, IEC/TS 61724-2:2016 and IEC /TS 61724-3:2016***
8. EAS 369: 2005, Crystalline silicon photovoltaic array-on-site measurement of I-V characteristics. ***Being replaced with IEC 61829:2015***
9. *ISO 6579:2002, Microbiology of food and animal feeding stuffs — Part 6: Horizontal method for the detection of Salmonella spp. Being replaced with ISO 6579-1*

HON. DR. RICHARD SEZIBERA  
Chairperson Council of Ministers

