

LIST OF CONFIRMATIONS AND WITHDRAWALS APPROVED BY THE 117TH STANDARDS APPROVAL COMMITTEE MEETING ON 11TH JANUARY 2018

CHEMICAL DEPARTMENT WITHDRAWALS

1. **KS 1104:1992** Kenya Standard — Specification for iron pigments for paints, To be replaced by **KS ISO 1248:2006, KS ISO 2495:1995, KS ISO 3549:1995, KS ISO 4620:1986** and **KS ISO 4621:1986**
2. **KS 1941-1:2005** Kenya Standard — Scouring compounds — Specification Part 1: Dishwashing paste, To be replaced by **KS 1941-1:2018**
3. **KS 1941-2:2005** Kenya Standard — Scouring compounds — Specification Part 2: Antibacterial dishwashing paste, To be replaced by **KS 1941-2:2018**
4. **KS 815:2012** Kenya Standard — Retro-reflective and fluorescent warning triangles for motor vehicles — Specification, To be replaced by **KS 815:2018**

ELECTROTECHNICAL DEPARTMENT CONFIRMATIONS

5. **KS 2411:2012** Kenya Standard — Leather — Fashion handbags — Specification
6. **KS 2412:2012** Kenya Standard — Leather — Men's and women's leather belts
7. **KS 1730:2012** Kenya Standard — Leather — Sports shoes
8. **KS ISO 16131:2012** Kenya Standard — Leather — Upholstery leather characteristics — Selection of leather for furniture
9. **KS ISO 14930:2012** Kenya Standard — Leather — Leather for dress gloves — Specification
10. **KS IEC 60051-2:1984** Kenya Standard — Direct acting indicating analogue electrical measuring instruments and their accessories Part 2: Special requirements for ammeters and voltmeters
11. **KS IEC 60051-3:1984** Kenya Standard — Direct acting indicating analogue electrical measuring instruments and their accessories Part 3: Special requirements for wattmeters and varimeters
12. **KS IEC 60051-4:1984** Kenya Standard — Direct acting indicating analogue electrical measurements and their accessories Part 4: Special requirements for frequency
13. **KS IEC 60051-5:1985** Kenya Standard — Synchrosopes indicating analogue electrical measuring instruments and their accessories Part 5: Special requirements for phase meters, power factor meters
14. **KS IEC 60051-6:1984** Kenya Standard — Direct acting indicating analogue electrical measuring instruments and their accessories Part 6: Special requirements for ohmmeters (impedance meters) and conductance meters
15. **KS IEC 60051-7:1984** Kenya Standard — Direct acting indicating analogue electrical measurements and their accessories Part 7: Special requirements for multi-function instruments
16. **KS IEC 60051-8:1984** Kenya Standard — Direct acting indicating analogue electrical measuring instruments and their accessories Part 8: Special requirements for accessories
17. **KS IEC 60051-9:1988** Kenya Standard — Direct acting indicating analogue electrical measuring instruments and their accessories Part 9: Recommended test methods
18. **KS IEC 60145:1963** Kenya Standard — Var-hour (reactive energy) meters
19. **KS IEC 60211:1966** Kenya Standard — Maximum demand indicators, Class 1.0
20. **KS IEC 60338:1970** Kenya Standard — Telemetry for consumption and demand
21. **KS IEC 60477-1:1974** Kenya Standard — Laboratory resistors Part 1: Laboratory d.c. resistors
22. **KS IEC 60477-2:1979** Kenya Standard — Laboratory resistors Part 2: Laboratory a.c. resistors

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23. **KS IEC 61187:1993** Kenya Standard — Electrical and electronic measuring equipment — Documentation
24. **KS IEC 62053-23:2003** Kenya Standard — Electricity metering equipment (a.c.) — Particular requirements Part 23: Static meters for reactive energy (classes 2 and 3)
25. **KS ISO 11378-2:2001** Kenya Standard — Textile floor coverings — Laboratory soiling tests Part 2: Drum test
26. **KS ISO 11379:1997** Kenya Standard — Textile floor coverings — Laboratory cleaning procedure using spray extraction
27. **KS ISO 12951:1999** Kenya Standard — Textile floor coverings — Determination of mass loss using the Lisson test
28. **KS ISO 9902-1:2001** Kenya Standard — Textile machinery — Noise test code Part 1: Common requirements.
29. **KS ISO 9902-3:2001** Kenya Standard — Textile machinery — Noise test code Part 3: Nonwoven machinery
30. **KS ISO 9902-2:2001** Kenya Standard — Textile machinery — Noise test code Part 2: Spinning preparatory and spinning machinery
31. **KS ISO 9902-4:2001** Kenya Standard — Textile machinery — Noise test code Part 4: Yarn processing, cordage and rope manufacturing machinery
32. **KS ISO 9902-5:2001** Kenya Standard — Textile machinery — Noise test code Part 5: Weaving and knitting preparatory machinery
33. **KS ISO 9902-6:2001** Kenya Standard — Textile machinery — Noise test code Part 6: Fabric manufacturing machinery
34. **KS ISO 9902-7:2001** Kenya Standard — Textile machinery — Noise test code Part 7: Dyeing and finishing machinery
35. **KS ISO 10472-1:1997** Kenya Standard — Safety requirements for industrial machinery Part 1: Common requirements
36. **KS ISO 10472-2:1997** Kenya Standard — Safety requirements for industrial machinery Part 2: Washing machines and washer-extractors
37. **KS ISO 10472-4:1997** Kenya Standard — Safety requirements for industrial machinery Part 4: Air dryers
38. **KS ISO 10472-3:1997** Kenya Standard — Safety requirements for industrial machinery Part 3: Washing tunnel lines including component machines
39. **KS ISO 10472-5:1997** Kenya Standard — Safety requirements for industrial machinery Part 5: Flatwork ironers, feeders and folders
40. **KS 588:1999** Kenya Standard — Specification for PVC slippers

WITHDRAWALS

41. **KS ISO/IEC 27003:2010** Kenya Standard — Information technology — Security techniques — Information security management systems — Guidance To be replaced by **KS ISO/IEC 27003:2017**
42. **KS ISO/IEC 27004:2009** Kenya Standard — Information technology — Security techniques — Information security management — Monitoring, measurement, analysis and evaluation, To be replaced by **KS ISO/IEC 27004:2016**
43. **KS ISO/IEC 27011:2008** Kenya Standard — Information technology — Security techniques — Code of practice for Information security controls based on ISO/IEC 27002 for telecommunications Organizations, To be replaced by **KS ISO/IEC 27011:2016**
44. **KS ISO/IEC 27035:2011** Kenya Standard — Information technology — Security techniques — Information security incident management, To be replaced by **KS ISO/IEC 27035-1:2015** and **KS ISO/IEC 27035-2:2015**
45. **KS ISO/IEC 7816-6:2004** Kenya Standard — Identification cards — Integrated circuit cards Part 6: Interindustry data elements for interchange, To be replaced by **KS ISO/IEC 7816-6:2016**

**LIST OF CONFIRMATIONS AND WITHDRAWALS APPROVED BY THE 117TH
STANDARDS APPROVAL COMMITTEE MEETING ON 11TH JANUARY 2018**

46. **KS ISO/IEC 7816-8:2004** Kenya Standard — Identification cards — Integrated circuit cards -- Part 8: Commands and mechanisms for security operations, To be replaced by **KS ISO/IEC 7816-8:2016**
47. **KS ISO/IEC 10373-6:2011** Kenya Standard — Identification cards — Test methods Part 6: Proximity cards, To be replaced by **KS ISO/IEC 10373-6:2016**
48. **KS 453:2000** Kenya Standard — Specification for PVC-insulated cables (non-armoured) for electric power and lighting, To be replaced by **KS EAS 114:1999**
49. **KS 179-2:2001** Kenya Standard — Non-metallic conduits and fittings for electrical wiring Part 2: Specification for fittings, **To be replaced by KS IEC 61386-1:2008**
50. **KS 188-4:2009** Kenya Standard — Specification for PVC insulations and sheaths of electric cables and cords Part 4: Loss of mass test and thermal stability test, To be replaced by **KS EAS 137-4:2000**
51. **KS 188-5:2009** Kenya Standard — Specification for PVC insulations and sheaths of electric cables and cords Part 5: Pressure test at high temperature and tests for resistance to cracking, To be replaced by **KS EAS 137-5:2000**
52. **KS 188-6:1997** Kenya Standard — Specification for PVC insulations and sheaths of electric cables and cords Part 6: Tests at low temperature, To be replaced by **KS EAS 137-6:2000**
53. **KS 188-7:1997** Kenya Standard — Specification for PVC insulations and sheaths of electric cables and cords Part 7: Hot deformation test, To be replaced by **KS EAS 137-7:2000**
54. **KS 1618:2015** Kenya Standard — Grading and preservation of raw crocodile and alligator skins — Code of practice Part 1: By stack salting, To be replaced with **KS ISO 11396:2012**
55. **KS ISO 921:1997 & KS ISO 12794:2000** Kenya Standard — Nuclear energy – Vocabulary & Nuclear energy — Radiation protection — Individual thermoluminescence dosimeters for extremities and eyes respectively, To be replaced by the following three standards
 - a) **KS ISO 12749-2:2013**
 - b) **KS ISO 12749-3:2015**
 - c) **KS ISO 12749-4:2015**
56. **KS 114:1993** Kenya Standard — Specification for cotton bedsheets, To be replaced by **KS EAS 228:2001**
57. **KS 1033:1990** Kenya Standard — Specification for cotton khanga, To be replaced by **KS EAS 224:2001**
58. **KS 1035:1991** Kenya Standard — Specification for kitenge, To be replaced by **KS EAS 226:2001**
59. **KS 439:1983 & KS EAS 251:2007** Kenya Standard — Method for determination of resistance of fabrics to penetration by water (hydrostatic head test), To be replaced by **KS ISO 811:1981**
60. **KS 66:1978 & KS EAS 242:2007** Kenya Standard — Dimensional changes of fabrics by cold water immersion, To be replaced by **KS ISO 7771:1985**
61. **KS 363:1982 & KS EAS 262:2007** Kenya Standard — Methods for determination of dimensional change of woven fabrics on commercial laundering near the boiling point, To be replaced by **KS ISO 675:2014**
62. **KS EAS 255-1:2009** Kenya Standard — Textiles — Quantitative chemical analysis Part 1: General principles of testing to be replaced by **KS ISO 1833-1:2006**
63. **KS EAS 255-2:2009** Kenya Standard — Textiles — Quantitative chemical analysis Part 2: Ternary fibre mixtures, to be replaced by **KS ISO 1833-2:2006**
64. **KS EAS 255-3:2009** Kenya Standard — Textiles — Quantitative chemical analysis Part 3: Mixtures of acetate and certain other fibres (method using acetone), to be replaced by **KS ISO 1833-3:2006**

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65. **KS EAS 255-5:2009** Kenya Standard — Textiles — Quantitative chemical analysis Part 5: Mixtures of viscose, cupro or modal and cotton fibres (method using sodium zincate), to be replaced by **KS ISO 1833-5:2006**
66. **KS EAS 255-6:2009** Kenya Standard — 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) to be replaced by **KS ISO 1833-6:2007**
67. **KS EAS 255-8:2009** Kenya Standard — Textiles — Quantitative chemical analysis Part 8: Mixtures of acetate and triacetate fibres (method using acetone), to be replaced by **KS ISO 1833-8:2006**
68. **KS EAS 255-9:2009** Kenya Standard — Textiles — Quantitative chemical analysis Part 9: Mixtures of acetate and triacetate fibres (method using benzyl alcohol), to be replaced by **KS ISO 1833-9:2006**
69. **KS EAS 255-10:2009** Kenya Standard — Kenya Standard — Textiles — Quantitative chemical analysis Part 10: Mixtures of triacetate or polylactide and certain other fibres (method using dichloromethane), to be replaced by **KS ISO 1833-10:2006**
70. **KS EAS 255-12:2009** Kenya Standard — Textiles — Quantitative chemical analysis Part 12: Mixtures of acrylic, certain modacrylics, certain chlorofibres, certain elastanes and certain other fibres (method using dimethylformamide), to be replaced by **KS ISO 1833-12:2006**
71. **KS EAS 255-13:2009** Kenya Standard — Textiles — Quantitative chemical analysis Part 13: Mixtures of certain chlorofibres and certain other fibres (method using carbon disulfide / acetone), to be replaced by **KS ISO 1833-13:2006**
72. **KS EAS 255-14:2009** Kenya Standard — Textiles — Quantitative chemical analysis Part 14: Mixtures of acetate and certain chlorofibres (method using acetic acid), to be replaced by **KS ISO 1833-14:2006**
73. **KS EAS 255-15:2009** Kenya Standard — Textiles — Quantitative chemical analysis Part 15: Mixtures of jute and certain animal fibres (method by determining nitrogen content) to be replaced by **KS ISO 1833-15:2006**
74. **KS EAS 255-16:2009** Kenya Standard — Textiles — Quantitative chemical analysis Part 16: Mixtures of polypropylene fibres and certain other fibres (method using xylene), to be replaced by **KS ISO 1833-16:2006**
75. **KS EAS 255-17:2009** Kenya Standard — Textiles — Quantitative chemical analysis Part 17: Mixtures of chlorofibres (homopolymers of vinyl chloride) and certain other fibres (method using sulfuric acid), to be replaced by **KS ISO 1833-17:2006**
76. **KS EAS 255-18:2009** Kenya Standard — Textiles — Quantitative chemical analysis Part 18: Mixtures of silk and wool or hair (method using sulfuric acid), to be replaced by **KS ISO 1833-18:2006**
77. **KS EAS 255-19:2009** Kenya Standard — Textiles — Quantitative chemical analysis Part 19: Mixtures of cellulose fibres and asbestos (method by heating), to be replaced by **KS ISO 1833-19:2006**
78. **KS EAS 255-21:2009** Kenya Standard — Textiles — Quantitative chemical analysis Part 21: Mixtures of chlorofibres, certain modacrylics, certain elastanes, acetates, triacetates and certain other fibres (method using cyclohexanone), to be replaced by **KS ISO 1833-21:2006**
79. **KS 1221:1994** Kenya Standard — Specification for crepe bandages, to be replaced by **KS EAS 229:2001**
80. **KS ISO 1833-4:2006** Kenya Standard — Textiles — Quantitative chemical analysis Part 4: Mixtures of certain proteins and certain other fibres, To be replaced by **KS ISO 1833-4:2017**
81. **KS ISO 1833-7:2006** Kenya Standard — Textiles — Quantitative chemical analysis Part 7: Mixture of polyamide and certain other fibres, To be replaced by **KS ISO 1833-7:2017**
82. **KS ISO 1833-11:2006** Kenya Standard — Textiles — Quantitative chemical analysis

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- Part 11: Mixtures of certain cellulose fibres and certain other fibres, To be replaced by **KS ISO 1833-11:2017**
83. **KS 585:1985** Kenya Standard — Specification for zippers, to be replaced by **KS EAS 223:2001**
 84. **KS 530:1985** Kenya Standard — Glossary of terms relating to zippers, to be replaced by **KS EAS 260:2007**
 85. **KS 361:1982** Kenya Standard — Method for determination of water repellency of fabrics by cone test, to be replaced by **KS EAS 252:2007**
 86. **KS ISO 7503-1:1998** Kenya Standard — Measurement of radioactivity — Measurement and evaluation of surface contamination Part 1: General principles, to be replaced by **KS ISO 7503-1:2016**
 87. **KS ISO 7503-2:1998** Kenya Standard — Measurement of radioactivity — Measurement and evaluation of surface contamination Part 2: Test method using wipe-test samples, to be replaced by **KS ISO 7503-2:2016**
 88. **KS ISO 7503-3:1996** Kenya Standard — Measurement of radioactivity — Measurement and evaluation of surface contamination Part 3: Apparatus calibration, to be replaced by **KS ISO 7503-3:2016**
 89. **KS ISO 9712:1999** Kenya Standard — Non-destructive testing — Qualification and certification of NDT personnel, to be replaced by **KS ISO 9712:2012**

ENGINEERING DEPARTMENT CONFIRMATIONS

90. **KS ISO 11296-1:2009** Kenya Standard — Plastics piping systems for renovation of underground non-pressure drainage and sewerage networks Part 1: General
91. **KS ISO 11334-4:1999** Kenya Standard — Assistive products for walking manipulated by one arm — Requirements and test methods Part 4: Walking sticks with three or more legs
92. **KS ISO 11334-1:2007** Kenya Standard — Assistive products for walking manipulated by one arm — Requirements and test methods Part 1: Elbow crutches
93. **KS ISO 15877-1:2009** Kenya Standard — Plastics piping systems for hot and cold water installations — Chlorinated poly (vinyl chloride) (PVC-C) Part 1: General
94. **KS ISO 15877-2:2009** Kenya Standard — Plastics piping systems for hot and cold water installations — Chlorinated poly(vinyl chloride) (PVC-C) Part 2: Pipes
95. **KS ISO 15877-3:2009** Kenya Standard — Plastics piping systems for hot and cold water installations — Chlorinated poly(vinyl chloride) (PVC-C) Part 3: Fittings
96. **KS ISO 15877-5:2009** Kenya Standard — Plastics piping systems for hot and cold water installations — Chlorinated poly (vinyl chloride) (PVC-C) Part 5: Fitness for purpose of the system
97. **KS ISO/TS 15877-7:2009** Kenya Standard — Plastics piping systems for hot and cold water installations — Chlorinated poly (vinyl chloride) (PVC-C) Part 7: Guidance for the assessment of conformity
98. **KS ISO 21542:2011** Kenya Standard — Implementation guideline of KS ISO 21542 standard on building construction — Accessibility and usability of the built environment
99. **KS 2313:2011** Kenya Standard — Plastics piping systems for water supply — Unplasticized poly(vinyl chloride) (PVC-U) — Guidance for installation
100. **KS 2314:2011** Kenya Standard — Plastic piping systems for water supply — Unplasticized poly (vinyl chloride) (PVC-U) — Guidance for the assessment of conformity
101. **KS 2315:2011** Kenya Standard — Plastics piping and ducting systems — Thermoplastics pipes — Test method for resistance to external blows by the round-the-clock method
102. **KS 2316:2011** Kenya Standard — Thermoplastics piping systems — Non-end-load-bearing elastomeric sealing ring type joints between pressure pipes and

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- moulded fittings — Test method for leak tightness under internal hydrostatic pressure without end thrust
103. **KS 320:2007** Kenya Standard — Polyvinyl Chloride (PVC) water hoses — Specification
 104. **KS 2199:2009** Kenya Standard — Plastics rainwater piping systems for above ground external use — Unplasticized poly (vinyl chloride) (PVC-U) — Specification Part 1: Pipes, fittings and the system
 105. **KS 2349:2012** Kenya Standard — Orthosis — Specification
 106. **KS 476-2:1987** Kenya Standard — Uncoated aluminum hollow-ware utensils — Specification Part 2: Uncoated aluminum pans
 107. **KS 475:2001** Kenya Standard — Pressure cookers — Specification
 108. **KS 460-2:1983** Kenya Standard — Uncoated aluminum plate, sheet and strip for hollow-ware cooking utensils — Specification
 109. **KS 1225:2003** Kenya Standard — Vacuum ware, insulated flasks and jugs for domestic use — Specification

WITHDRAWALS

110. **KS ISO 3183:2007** Kenya Standard — Petroleum and natural gas industries — Steel pipe for pipeline transportation systems, To be replaced by **KS ISO 3183:2012**

FOOD AND AGRICULTURE DEPARTMENT CONFIRMATIONS

111. **KS ISO 8587:2007 Amd 1:2014** Kenya Standard — General guidance for design of test rooms
112. **KS ISO 4120:2004** Kenya Standard — Sensory analysis — Methodology — Triangle test
113. **KS ISO 5495:2005** Kenya Standard — Sensory analysis — methodology — paired comparison test
114. **KS ISO 10399:2004** Kenya Standard — Sensory analysis — Methodology — Duo-trio test
115. **KS ISO 3513:1995** Kenya Standard — Chilies — Determination of scoville index
116. **KS ISO 941:1980** Kenya Standard — Spices and condiments — Determination of cold water soluble extract.
117. **KS ISO 930:1997** Kenya Standard — Spices and condiments — Determination of acid-insoluble ash.
118. **KS EAS 79:1999** Kenya Standard — Cereals and pulses as grain — Methods of sampling
119. **KS 43-3:2008** Cereals and pulses — Methods of test Part 3: Determination of insect infestation in pulses
120. **KS ISO 7971-1:2009** Kenya Standard — Cereals — Determination of bulk density, called mass per hectolitre Part 1: Reference method
121. **KS ISO 7971-2:2009** Kenya Standard — Cereals — Determination of bulk density, called mass per hectolitre Part 3: Routine method
122. **KS ISO 4174:1998** Kenya Standard — Cereals, oilseeds and pulses — Measurement of unit pressure loss in one-dimensional air flow through bulk grain
123. **KS ISO 16002:2004** Kenya Standard — Stored cereal grains and pulses — Guidance on the detection of infestation by live invertebrates by trapping
124. **KS CODEX STAN 171:1995** Kenya Standard — Certain pulses — Specification
125. **KSCODEX STAN 175:1989** Kenya Standard — Codex general standard for soy protein products
126. **KS ISO 6646:1999** Kenya Standard — Determination of the yield of husked rice and milled rice
127. **KS 2138:2008** Kenya Standard — Dry soya beans for oil milling — Specification

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128. **KS ISO 15793:2000** Kenya Standard — Durum wheat semolinas — Determination of the undersize fraction
129. **KS EAS 129:1999** Kenya Standard — Guide on essential requirements for storage of cereals and pulses
130. **KS 689-2:2011** Kenya Standard — Milled rice — Test method Part 2: Evaluation of gelatinization time of rice kernels during cooking
131. **KS ISO 605:1991** Kenya Standard — Pulses — Determination of impurities, size, foreign odours, insects, and species and variety — Test methods
132. **KS ISO 5506:1999** Kenya Standard — Soya bean products — Determination of urease activity
133. **KS ISO 5514:1979** Kenya Standard — Soya beans products — Determination of cresol red index
134. **KS ISO 13690:1999** Kenya Standard — Specification for cereals, pulses and milled products — Sampling of static batches
135. **KS ISO 11052:1994** Kenya Standard — Specification for durum wheat semolina — Determination of yellow pigment content
136. **KS 1471:1999** Kenya Standard — Specification for malting barley
137. **KS ISO 6322-1:1996** Kenya Standard — Storage of cereals and pulses Part 1: General recommendations for the keeping of cereals
138. **KS ISO 6322-3:1989** Kenya Standard — Storage of cereals and pulses Part 3: Control of attack by pests
139. **KS 1170:2010** Kenya Standard — Specification for brassica vegetable crops
140. **KS 693:2010** Kenya Standard — Specification for seeds for bulb vegetables
141. **KS 690:2010** Kenya Standard — Specification for seeds for legumes
142. **KS 2075:2008** Kenya Standard — Rice seeds — Specification
143. **KS 2078:2008** Kenya Standard — Soya beans seeds (glycine max.L) — Specification
144. **KS EAS 59:2000** Kenya Standard — Maize seed for planting — Specification
145. **KS ISO 5534:2004** Kenya Standard — Cheese and processed cheese — Determination of the total solids content(Reference method)
146. **KS EAS 70:2007** Kenya Standard — Dairy milk ices and dairy ice creams — specification
147. **KS ISO 12082:2006** Kenya Standard — Cheese and processed cheese products — Calculation of the content of added citrate emulsifying agents and acidifiers/pH-controlling agents, expressed as citric acid
148. **KS 536:1985** Kenya Standard — Specification for milk cans
149. **KS ISO 8262-3:2005** Kenya Standard — Milk products and milk-based foods — Determination of fat content by Weibull-Berntrop Gravimetric method (Reference Method) Part 3: Special cases.
150. **KS ISO 8262-2:2005** Kenya Standard — Milk products and milk based foods — Determination of fat content by the Weibull-Berntrop Gravimetric Method (Reference Method) Part 2: Edible ices and mixes.
151. **KS ISO 6091:2010** Kenya Standard — Methods for the analysis Part 7: Determination of titratable acidity (Routine method))
152. **KS ISO 8156:2005** Kenya Standard — Milk powders — Methods for the analysis Part 8: Determination of insolubility index
153. **KS ISO 13366-1:2008** Kenya Standard — Milk — Enumeration of somatic cells Part 1: Microscopic method.
154. **KS ISO 4832:2006** Kenya Standard — Enumeration of coliforms Part 1: Colony count technique at 30 degrees C
155. **KS ISO 4831:2006** Kenya Standard — Specification for milk and milk products — Enumeration of coliforms Part 2: Most probable number technique at 30 degrees C

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156. **KS ISO 5764:2009** Kenya Standard — Milk — Determination of freezing point — Thermistor
157. **KS ISO 11866-2:2005** Kenya Standard — Specification for milk and milk products — Enumeration of presumptive *escherichia coli* Part 3: Colony-count technique at 44 using membranes,
158. **KS ISO 11285:2004** Kenya Standard — Milk — Determination of lactulose content — Enzymatic method
159. **KS ISO 6887-5:2010** Kenya Standard — Milk and milk products — General guidance for the preparation of test samples, initial; suspensions and decimal dilutions for microbiological examination
160. **KS ISO 17997-1:2004** Kenya Standard — Milk — Determination of casein-nitrogen content Part 1: Indirect method (Reference method).
161. **KS ISO 8196-2:2009** Kenya Standard — Milk — Definition and evaluation of the overall accuracy of alternative methods of milk analysis Part 2: Calibration and quality control in the dairy laboratory
162. **KS ISO 707:2008** Kenya Standard — Methods for sampling of milk and milk products
163. **KS ISO 8196-1:2009** Kenya Standard — Milk — Definition and evaluation of the overall accuracy alternative methods of milk analysis Part 1: Analytical attributes of alternative methods
164. **KS ISO 11866-2:2007** Kenya Standard — Milk and milk products — Enumeration of presumptive *escherichia coli* Part 2: Colony-count
165. **KS ISO 11866-1:2005** Kenya Standard — Milk and milk products — Enumeration of presumptive *escherichia coli* Part 1: Most probable number technique at 44 °C using membranes
166. **KS ISO 11813:2010** Kenya Standard — Milk and milk products — Determination of zinc content — Flame atomic absorption spectrometric method
167. **KS ISO 6732:2010** Kenya Standard — Milk and milk products — Determination of iron content — Spectrometric method (Reference Method)
168. **KS ISO/TS 22964:2006** Kenya Standard — Milk and milk products — Detection of *Enterobacter sakazakii*
169. **KS ISO 14378:2009** Kenya Standard — Milk and dried milk — Determination of iodide content — Method using high-performance liquid chromatography
170. **KS ISO 14501:2007** Kenya Standard — Milk and milk powder — Determination of aflatoxin M content — Clean-up by immunoaffinity chromatography and determination by high-performance liquid chromatography
171. **KS 12-1&2:1976** Kenya Standard — Determination of fat content in liquid milk Part 1: Rose Gottlieb method (Reference method) Part 2: Gerber method
172. **KS 13-1&2:1976** Kenya Standard — Determination of total solids in milk Part 1: Gravimetric method Part 2: Density method
173. **KS ISO 6091:2010** Kenya Standard — Dried milk — Determination of titratable acidity (Reference method)
174. **KS 2140:2007** Kenya Standard — Enumeration of staphylococcus aureus in dairy products by colony count technique — Test method
175. **KS 14:1976** Kenya Standard — Determination of titratable acidity in milk
176. **KS ISO 7702:1995** Kenya Standard — Dried pears — Specification and test methods
177. **KS ISO 8129-2:1999** Kenya Standard — Fruits, vegetables and derived products — Determination of alcohol — Insoluble solids content Part 2: Method for fresh or quick frozen peas
178. **KS ISO/TS 11869:2012** Kenya Standard — Fermented milks — Determination of titratable acidity — Potentiometric method
179. **KS ISO 11868:2007** Kenya Standard — Heat-treated milk — Determination of lactulose content — Method using high-performance liquid chromatography

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180. **KS 176:1978** Kenya Standard — Methods for the analysis of milk powders
181. **KS 57:1977** Kenya Standard — Methods for the chemical analysis of cheese
182. **KS 78:1978** Kenya Standard — Methods for the chemical analysis of butter
183. **KS ISO 6479:1984** Kenya Standard — Shelled sweet kernels of apricots — Specification
184. **KS ISO 1955:1999** Kenya Standard — Citrus fruits and derived products — Determination of essential oils content (Reference Method)
185. **KS ISO 5515:1979** Kenya Standard — Fruits, vegetables and derived products — Decomposition of organic matter prior to analysis — Wet method
186. **KS ISO 751:1998** Kenya Standard — Fruit and vegetable products — Determination of water-insoluble solids
187. **KS CAC/RCP 5:1971** Kenya Standard — Recommended international code of hygienic practice for dehydrated fruits and vegetables including edible fungi
188. **KS CAC/RCP 3:1969** Kenya Standard — Recommended international code of hygienic practice for dried fruits
189. **KS ISO 9719:1995** Kenya Standard — Root vegetables — Cold storage and refrigerated transport
190. **KS CAC/RCP 2:1969** Kenya Standard — Recommended international code of hygienic practice for canned fruit and vegetable products
191. **KS ISO 2167:1991** Kenya Standard — Round-headed cabbage — Guide to cold storage and refrigerated transport
192. **KS 1177:1996** Kenya Standard — Specification for canned grapefruits
193. **KS 342:1981** Kenya Standard — Specification for canned green beans and canned wax beans
194. **KS ISO 7702:1995 (Cor 1:2001)** Kenya Standard — Dried pears — Specification and test methods.
195. **KS 341:198** Kenya Standard — Specification for canned green peas
196. **KS 1174:1996** Kenya Standard — Specification for canned pears
197. **KS 1173:1995** Kenya Standard — Specification for canned plums
198. **KS CODEX STAN 130:1981** Kenya Standard — Standard for dried apricots
199. **KS COD STAN 129:1981** Kenya Standard — Standard for canned apricots;
200. **KS CODEX STAN 63:1981** Kenya Standard — Specification for concentrated apple juice preserved exclusively by physical means
201. **KS CODEX STAN 110:1981** Kenya Standard — Specification for quick frozen peas
202. **KS CODEX STAN 41:1981** Kenya Standard — Specification for quick frozen broccoli
203. **KS CODEX STAN 110:1981** Kenya Standard — Specification for quick frozen peas
204. **KS CODEX STAN 41:1981** Kenya Standard — Specification for quick frozen broccoli
205. **KS CODEX STAN 112:1981** Kenya Standard — Quick frozen Brussels sprouts
206. **KS CODEX STAN 77:1981** Kenya Standard — Quick frozen strawberries
207. **KS CODEX STAN 52:1981** Kenya Standard — Quick frozen spinach
208. **KS 1176:2008** Kenya Standard — Canned peaches — Specification
209. **KS ISO 4125:1999** Kenya Standard — Specification for dry fruits and dried fruits — Definitions and nomenclature
210. **KS 1179:1996** Kenya Standard — Canned fruit cocktail — Specification
211. **KS ISO 931:1998** Kenya Standard — Guide to storage and transport for green bananas
212. **KS ISO 972:1997** Kenya Standard — Chillies and capsicums, whole or ground (powdered) — Specification
213. **KS 146 2011** Kenya Standard — cereals and pulses — Guide on storage

**LIST OF CONFIRMATIONS AND WITHDRAWALS APPROVED BY THE 117TH
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WITHDRAWALS

214. **KS ISO 6658:2005** Kenya Standard — Sensory analysis — Methodology — General guidance, To be replaced by **KS ISO 6658:2017**
215. **KS ISO 7304:1985** Kenya Standard — Specification for durum wheat semolinas and alimentary pasta — Estimation of cooking quality of spaghetti by sensory analysis, To be replaced by **KS ISO 7304-1:2016 and KS ISO 7304-2:2008**
216. **KS 157:2010** Kenya Standard — Monoammonium phosphate (MAP) and Diammonium phosphate (DAP) fertilizers — Specification, To be replaced by **KS 157:2018**
217. **KS 2290:2011** Kenya Standard — Organic fertilizer — Specification, To be replaced by **KS 2290:2018**
218. **KS EAS 41-1:2000** Kenya Standard — Fruits, vegetables and derived products — Sampling and methods of test Part 1: Sampling, to be replaced with **KS ISO SO 874:1980**
219. **KS EAS 41-10:2000** Kenya Standard — Fruits, vegetables and derived products — Sampling and methods of test Part 10: Determination of soluble solids content — Refractometric method, to be replaced with **KS ISO 2173: 2003**
220. **KS EAS 41-12:2000** Kenya Standard — Fruits, vegetables and derived products — Sampling and methods of test Part 12: Determination of ascorbic acid content — Routine method, to be replaced with **KS ISO 6557-2:1986**
221. **KS EAS 41-13:2000** Kenya Standard — Fruits, vegetables and derived products — Sampling and methods of test Part 13: Determination of volatile acidity, to be replaced with **KS ISO 6632:1981**
222. **KS EAS 41-15:2000** Kenya Standard — Fruits, vegetables and derived products — Sampling and methods of test Part 15: Determination of zinc content — Atomic absorption spectrometric method, to be replaced with **KS ISO 6636-2:1981**
223. **KS EAS 41-16:2000** Kenya Standard — Fruits, vegetables and derived products — Sampling and methods of test Part 16: Determination of mercury content — Flameless atomic absorption method, to be replaced with **KS ISO 6637:1984**
224. **KS EAS 41-2:2000** Kenya Standard — Fruits, vegetables and derived products — Sampling and methods of test Part 2: Determination of titratable acidity, to be replaced with **KS ISO 750:1998**
225. **KS EAS 41-3:2000** Kenya Standard — Fruits, vegetables and derived products — Sampling and methods of test Part 3: Determination of water-insoluble solids content, to be replaced with **KS ISO 751:1998**
226. **KS EAS 41-4:2000** Kenya Standard — Fruits, vegetables and derived products — Sampling and methods of test Part 4: Determination of mineral impurities content, to be replaced with **KS ISO 762:2003**
227. **KS EAS 41-5:2000** Kenya Standard — Fruits, vegetables and derived products — Sampling and methods of test Part 5: Determination of pH, to be replaced with **KS ISO 1842:1991**
228. **KS EAS 41-6:2000** Kenya Standard — Fruits, vegetables and derived products — Sampling and methods of test Part 6: Determination of tin content, to be replaced with **KS ISO 2447:1998**
229. **KS EAS 41-7:2000** Kenya Standard — Fruits, vegetables and derived products — Sampling and methods of test Part 7: Determination of iron content — 1,10-phenanthroline photometric method, to be replaced with **KS ISO 5517:1978**
230. **KS EAS 41-8:2000** Kenya Standard — Fruits, vegetables and derived products — Sampling and methods of test Part 8: Determination of benzoic acid content — Spectrophotometric method, to be replaced with **KS ISO 5518:2007**
231. **KS EAS 41-9:2000** Kenya Standard — Fruits, vegetables and derived products — Sampling and methods of test Part 9: Determination of copper content — Method using flame atomic absorption spectrometry, to be replaced with **KS ISO 7952:1994**

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232. **KS EAS 81-6:2007** Kenya Standard — Milk powders — Methods for the analysis Part 6: Determination of titratable acidity (Reference method), to be replaced by **KS ISO 6091:1980** and **KS ISO 6092:1980**
233. **KS 11-1 to 4:1976** Kenya Standard — Methods of microbiological examination for milk and milk products Part 1: Total plate count Part 2: Coliform count Part 3: Yeast and moulds Part 4: Swab test, to be replaced by **KS ISO 4833-1:2013** and **KS ISO 4833-2:2013**
234. **KS EAS 68-4:2007** Kenya Standard — Milk and milk products — Methods of microbiological examination Part 4: Swab tests, to be replaced by **KS ISO 4833-1:2013** and **KS ISO 4833-2:2013**
235. **KS ISO 4833:2003** Kenya Standard — Microbiology of food and animal feeding stuffs — Horizontal method for the enumeration of microorganisms — Colony-count technique at 30 °C, To be replaced by **KS ISO 4833-2:2013** and **KS ISO 4833-1:2013**
236. **KS 1842:2006** Kenya Standard — Guava fruit drink — Specification, to be replaced by **KS 224:2017**
237. **KS 1835:2006** Kenya Standard — Litchi fruit drink — Specification, to be replaced by **KS 224:2017**
238. **KS 1836:2006** Kenya Standard — Mango fruit drink — Specification, to be replaced by **KS 224:2017**
239. **KS 1841:2006** Kenya Standard — Lime fruit drink — Specification, to be replaced by **KS 224:2017**
240. **KS 1840:2006** Kenya Standard — Mixed berries fruit drink — Specification, to be replaced by **KS 224:2017**
241. **KS 1837:2006** Kenya Standard — Orange and pineapple fruit juice — Specification, to be replaced by **KS 2640:2016**
242. **KS 1838:2006** Kenya Standard — Pineapple and passion fruit juice — Specification, to be replaced by **KS 2640:2016**
243. **KS 1097:2013** Kenya Standard — Pickles — Specification, to be replaced by **KS 2687:2017**
244. **KS EAS 2:2013** Kenya Standard — Maize grains — Specification, to be replaced by **KS EAS 2:2017**
245. **KS EAS 46: 2013** Kenya Standard — Dry beans — Specification, to be replaced by **KS EAS 46:2017**
246. **KS EAS 51: 2013** Kenya Standard — Wheat grains — Specification, to be replaced by **KS EAS 51:2017**
247. **KS EAS 128:2013** Kenya Standard — Milled rice — Specification, to be replaced by **KS EAS 128:2017**
248. **KS EAS 44:1999** Kenya Standard — Dry maize meal products — Specification, to be replaced by **KS EAS 44:2017**
249. **KS EAS 89:2011** Kenya Standard — Millet flour — Specification, to be replaced by **KS EAS 89:2017**
250. **KS EAS 95: 2011** Kenya Standard — Sorghum flour — Specification, to be replaced by **KS EAS 95:2017**
251. **KS EAS 6:2000** Kenya Standard — Fresh pineapples — Specification, to be replaced by **KS EAS 6:2017**
252. **KS EAS 19 2000** Kenya Standard — Fresh avocado — Specification, to be replaced by **KS EAS 19:2017**
253. **KS EAS 83 2000** Kenya Standard — Tomatoes — Specification, to be replaced by **KS EAS 83:2017**
254. **KS EAS 91:2000** Kenya Standard — Passion fruit —Specification, to be replaced by **KS EAS 91:2017**
255. **KS EAS 329 2002** Kenya Standard — Fresh mangoes — Specification, to be replaced by **KS EAS 329:2017**

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256. **KS EAS 748 2010** Kenya Standard — Fresh potato tuber (ware potato tuber) — Specification, to be replaced by **KS EAS 748:2017**
257. **KS 789 2017** Kenya Standard — Fresh onions — Specification, to be replaced by **KS EAS 894:2017**
258. **KS 1050:2017** Kenya Standard — Fresh carrots — Specification, to be replaced by **KS EAS 891:2017**
259. **KS EAS 66 Parts 1 to 4:2000** Kenya Standard — Tomato products — Specification Part 1: Canned tomatoes Part 2: Tomato juice Part 3: Tomato concentrates (puree and paste) Part 4: Highly seasoned tomato products (sauce and ketchup) to be replaced by the following standards:
 - a) **KS EAS 66-1:2017**
 - b) **KS EAS 66-2:2017**
 - c) **KS EAS 66-3:2017**
 - d) **KS EAS 66-4:2017**
260. **KS 753:2005** Kenya Standard — Specification for chilli sauce, to be replaced by **KS EAS 893:2017**

SERVICES DEPARTMENT **CONFIRMATIONS**

261. **KS 2368-1:2012** Kenya Standard — Academic quality assurance in higher education — Code of practice Part 1: Programme design, approval, monitoring and review
262. **KS 2367:2012** Kenya Standard — Student accommodation — Off-campus — Code of practice
263. **KS 2277-3:2012** Kenya Standard — Schools and colleges — Safety for design and technology Part 3: Teaching areas, equipment, tools and processes
264. **KS 2277-4:2012** Kenya Standard — Schools and colleges- Safety for design and technology Part 4: Materials
265. **KS ISO 20712-2:2007** Kenya Standard — Water safety signs and beach safety flags Part 2: Specifications for beach safety flags — Colour, shape, meaning and performance

WITHDRAWAL

266. **KS ISO 11121:2009** Recreational diving services — Requirements for introductory programmes to scuba diving, To be replaced by **KS ISO 11121:2017**

TRADE AFFAIRS DEPARTMENT **CONFIRMATIONS**

267. **KS ISO 11649:2009** Kenya Standard — Financial services — Core banking — Structured creditor to remittance information
268. **KS 2317:2011** Kenya Standard — Financial services — Risk management implementation guidelines for financial institutions.
269. **KS ISO 11568-1:2005** Kenya Standard — Banking — Key management (retail) Part 1: Principles
270. **KS ISO 18245:2003** Kenya Standard — Retail financial services — Merchant category codes.
271. **KS ISO 7982-1:1998** Kenya Standard — Messages communication — Funds transfer messages Part 1: Vocabulary and universal set of data segments and data elements for electronic funds transfer.
272. **KS ISO 21188:2006** Kenya Standard — Securities and related financial Instruments — Public Key infrastructure for financial services — Practices for policy framework
273. **KS ISO/TR 13569:2005** Kenya Standard — Financial Services — Information security guidelines

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WITHDRAWALS

274. **KS ISO 13491-1:2007** Kenya Standard — Banking — Secure cryptographic devices (retail) Part 1: Concepts, requirements and evaluation methods, To be replaced by **KS ISO 13491-1:2016**
275. **KS ISO 16609:2004** Kenya Standard — Banking — Requirements for message authentication using symmetric techniques, To be replaced by **KS ISO 16609:2012**
276. **KS ISO 20022-1:2004** Kenya Standard — Financial services — Universal financial industry message scheme Part 1: Overall methodology and format specifications for inputs to and outputs from the KS ISO 20022 Repository, To be replaced by **KS ISO 20022-1:2013**
277. **KS ISO 20022-2:2007** Kenya Standard — Financial services — Universal financial industry message scheme Part 2: Roles and responsibilities of the registration bodies, To be replaced by **KS ISO 20022-2:2013**
278. **KS ISO/TS 20022-3:2004** Kenya Standard — Financial services — Universal financial industry message scheme Part 3: ISO 20022 modelling guidelines, To be replaced by **KS ISO 20022-3:2013**
279. **KS ISO/TS 20022-4:2004** Kenya Standard — Financial services — Universal financial industry message scheme Part 4: ISO 20022 XML design rules, To be replaced by **KS ISO 20022-4:2013**
280. **KS ISO 4217:2008** Kenya Standard — Codes for the representation of currencies, To be replaced by **KS ISO 4217:2015**
281. **KS ISO/TR 9564-4:2004** Kenya Standard — Banking — Personal Identification Number (PIN) management and security Part 4: Guidelines for PIN handling in open networks, To be replaced by **KS ISO 9564-4:2016**
282. **KS ISO 9362:2009** Kenya Standard — Banking — Banking telecommunication messages — Bank identifier Codes, To be replaced by **KS ISO 9362:2014**
283. **KS ISO 10962:2001** Kenya Standard- Classification of Financial Instruments (CFI Code), To be replaced by **KS ISO 10962:2015**
284. **KS ISO 10383:2003** Kenya Standard — Securities and Related Financial Instruments — Codes for Exchanges and Market Identification (MIC), To be replaced by **KS ISO 10383:2012**