

KENYA BUREAU OF STANDARDS

LIST OF STANDARDS APPROVED BY THE 123RD STANDARDS APPROVAL COMMITTEE MEETING ON 23RD JULY 2019

CHEMICAL DIVISION

1. **KS 2865:2019** Kenya Standard — Anhydrous ammonia — Storage and handling, **First Edition**
2. **KS 2866:2019** Kenya Standard — Storage and handling of toxic substances, **First Edition**
3. **KS ISO 6974-1:2012** Kenya Standard — Natural gas — Determination of composition and associated uncertainty by gas chromatography Part 1: General guidelines and calculation of composition, **First Edition**
4. **KS ISO 6974-2:2012** Kenya Standard — Natural gas — Determination of composition and associated uncertainty by gas chromatography Part 2: Uncertainty calculations, **First Edition**
5. **KS ISO 6974-3:2018** Kenya Standard — Natural gas — Determination of composition and associated uncertainty by gas chromatography Part 3: Precision and bias, **First Edition**
6. **KS ISO 6974-4:2000** Kenya Standard — Natural gas — Determination of composition with defined uncertainty by gas chromatography Part 4: Determination of nitrogen, carbon dioxide and C1 to C5 and C6+ hydrocarbons for a laboratory, **First Edition**
7. **KS ISO 6974-5:2014** Kenya Standard — Natural gas — Determination of composition and associated uncertainty by gas chromatography Part 5: Isothermal method for nitrogen, carbon dioxide, C1 to C5 hydrocarbons and C6+ hydrocarbons, **First Edition**
8. **KS ISO 6974-6:2002** Kenya Standard — Natural gas — Determination of composition with defined uncertainty by gas chromatography Part 6: Determination of hydrogen, helium, oxygen, nitrogen, carbon dioxide and C1 to C8 hydrocarbons using three capillary columns, **First Edition**
9. **KS ISO 6975:1997** Kenya Standard — Natural gas — Extended analysis — Gas-chromatographic method, **First Edition**
10. **KS ISO 6976:2016** Kenya Standard — Natural gas — Calculation of calorific values, density, relative density and Wobbe indices from composition, **First Edition**
11. **KS ISO 6978-1:2003** Kenya Standard — Natural gas — Determination of mercury Part 1: Sampling of mercury by chemisorption on iodine, **First Edition**
12. **KS ISO 6978-2:2003** Kenya Standard — Natural gas — Determination of mercury Part 2: Sampling of mercury by amalgamation on gold/platinum alloy, **First Edition**
13. **KS ISO 12213-1:2006** Kenya Standard — Natural gas — Calculation of compression factor — Part 1: Introduction and guidelines, **First Edition**
14. **KS ISO 12213-2:2006** Kenya Standard — Natural gas — Calculation of compression factor — Part 2: Calculation using molar-composition analysis, **First Edition**
15. **KS ISO 12213-3:2006** Kenya Standard — Natural gas — Calculation of compression factor — Part 3: Calculation using physical properties, **First Edition**
16. **KS ISO 14111:1997** Kenya Standard — Natural gas — Guidelines to traceability in analysis, **First Edition**
17. **KS ISO 16960:2014** Kenya Standard — Natural gas — Determination of sulfur compounds — Determination of total sulfur by oxidative microcoulometry method, **First Edition**
18. **KS ISO 18453:2004** Kenya Standard — Natural gas — Correlation between water content and water dew point, **First Edition**
19. **KS ISO 23874:2006** Kenya Standard — Natural gas — Gas chromatographic requirements for hydrocarbon dewpoint calculation, **First Edition**
20. **KS ISO 10545-4:2019** Kenya Standard — Ceramic tiles Part 4: Determination of modulus of rupture and breaking strength, **Second Edition**
21. **KS ISO 10545-6:2010** Kenya Standard — Ceramic tiles Part 6: Determination of resistance to deep abrasion for unglazed tiles, **Second Edition**
22. **KS 2873:2019** Kenya Standard — Hermetic storage bags — Specification, **First Edition**
23. **KS 2874:2019** Kenya Standard — Portable rigid plastic hermetic grain silo — Specification, **First Edition**

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ELECTROTECHNICAL DIVISION

24. **KS 2847-1:2019** Kenya Standard — Software engineering — Antivirus — Fundamental principles and vocabulary, **First Edition**
25. **KS 2847-2:2019** Kenya Standard — Software engineering — Antivirus — Protection against targeted attacks, **First Edition**
26. **KS 2847-3:2019** Kenya Standard — Software engineering — Antivirus — Sampling, **First Edition**
27. **KS 2847-4:2019** Kenya Standard — Software engineering — Antivirus — Test Methods, **First Edition**
28. **KS ISO 19104:2016** Kenya Standard — Geographic information — Terminology, **First Edition**
29. **KS ISO 19119:2016** Kenya Standard — Geographic information — Services, **First Edition**
30. **KS ISO/TR 19120:2001** Kenya Standard — Geographic information — Functional standards, **First Edition**
31. **KS ISO/TR 19121:2000** Kenya Standard — Geographic information — Imagery and gridded data, **First Edition**
32. **KS ISO/TS 19129:2000** Kenya Standard — Geographic information — Imagery, gridded and coverage data framework, **First Edition**
33. **KS ISO 19132:2007** Kenya Standard — Geographic information — Location-based services — Reference model, **First Edition**
34. **KS ISO 19137:2007** Kenya Standard — Geographic information — Core profile of the spatial schema, **First Edition**
35. **KS ISO 19145:2013** Kenya Standard — Geographic information — Registry of representations of geographic point location, **First Edition**
36. **KS ISO/IEC 19788-1:2011/Amd 1:2014** Kenya Standard — Information technology — Learning, education and training — Metadata for learning resources Part 1: Framework, **First Edition**
37. **KS ISO/IEC 19788-2:2011/Amd 1:2016** Kenya Standard — Information technology — Learning, education and training — Metadata for learning resources Part 2: Dublin Core elements, **First Edition**
38. **KS ISO/IEC 2382:2015** Kenya Standard — Information technology — Vocabulary, **Second Edition**
39. **KS ISO/IEC 29109-5:2014** Kenya Standard — Information technology — Conformance testing methodology for biometric data interchange formats defined in ISO/IEC 19794 Part 5: Face image data, **Second Edition**
40. **KS ISO/IEC TS 27008:2019** Kenya Standard — Information technology — Security techniques — Guidelines for the assessment of information security controls, **Second Edition**
41. **KS ISO/IEC 27018:2019** Kenya Standard — Information technology — Security techniques — Code of practice for protection of personally identifiable information (PII) in public clouds acting as PII processors, **Second Edition**
42. **KS ISO/IEC 29147:2018** Kenya Standard — Information technology — Security techniques — Vulnerability disclosure, **Second Edition**
43. **KS ISO/IEC 9798-3:2019** Kenya Standard — Information technology — Security techniques — Entity authentication Part 3: Mechanisms using digital signature techniques, **Second Edition**
44. **KS ISO/IEC 10118-3:2018** Kenya Standard — Information technology — Security techniques — Hash-functions Part 3: Dedicated hash-functions, **Second Edition**
45. **KS ISO/IEC 11770-2:2018** Kenya Standard — Information technology — Security techniques — Key management Part 2: Mechanisms using symmetric techniques, **Second Edition**
46. **KS ISO/IEC 14888-3:2018** Kenya Standard — Information technology — Security techniques — Digital signatures with appendix Part 3: Discrete logarithm based mechanisms, **Second Edition**
47. **KS ISO/TR 19083-1:2016** Kenya Standard — Intelligent transport systems — Emergency evacuation and disaster response and recovery Part 1: Framework and concept of operation, **First Edition**

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48. **KS ISO 24978:2009** Kenya Standard — Intelligent transport systems — ITS Safety and emergency messages using any available wireless media — Data registry procedures, **First Edition**
49. **KS ISO 18682:2016** Kenya Standard — Intelligent transport systems — External hazard detection and notification systems — Basic requirements, **First Edition**
50. **KS ISO 14814:2006** Kenya Standard — Automatic vehicle and equipment identification — Reference architecture and terminology, **First Edition**
51. **KS ISO 14815:2005** Kenya Standard — Automatic vehicle and equipment identification — System specifications, **First Edition**
52. **KS ISO 14816:2005** Kenya Standard — Automatic vehicle and equipment identification — Numbering and data structure, **First Edition**
53. **KS ISO 24534-1:2010** Kenya Standard — Automatic vehicle and equipment identification — Electronic registration identification (ERI) for vehicles Part 1: Architecture, **First Edition**
54. **KS ISO 22839:2013** Kenya Standard — Intelligent transport systems — Forward vehicle collision mitigation systems — Operation, performance, and verification requirements, **First Edition**
55. **KS ISO 24100:2010** Kenya Standard — Intelligent transport systems — Basic principles for personal data protection in probe vehicle information services, **First Edition**
56. **KS ISO/TR 21707:2008** Kenya Standard — Intelligent transport systems — Integrated transport information, management and control -- Data quality in ITS systems, **First Edition**
57. **KS ISO 17573:2010** Kenya Standard — Electronic fee collection — Systems architecture for vehicle-related tolling, **First Edition**
58. **KS ISO/TS 19299:2015** Kenya Standard — Electronic fee collection — Security framework, **First Edition**
59. **KS ISO 17185-1:2014** Kenya Standard — Intelligent transport systems — Public transport user information Part 1: Standards framework for public information systems, **First Edition**
60. **KS IEC 61730-1:2016** Kenya Standard — Photovoltaic (PV) module safety qualification Part 1: Requirements for construction, **Second Edition**
61. **KS IEC 61730-2:2016** Kenya Standard — Photovoltaic (PV) module safety qualification Part 2: Requirements for testing, **Second Edition**
62. **KS IEC 61829:2015** Kenya Standard — Photovoltaic (PV) array — On-site measurement of current-voltage characteristics, **First Edition**
63. **KS EAS 117-1:2008** Kenya Standard — Electric cables — Flexible cords rated up to 300/500 V, for use with appliances and equipment intended for domestic, office and similar environments, **First Edition**
64. **KS EAS 117-2:2008** Kenya Standard — Electric cables — Flexible cables rated up to 450/750 V, for use with appliances and equipment intended for industrial and similar environments, **First Edition**
65. **KS IEC 60598-1:2017** Kenya Standard — Luminaires Part 1: General requirements and tests, **Second Edition**
66. **KS ISO 4037-1:2019** Kenya Standard — Radiological protection — X and gamma reference radiation for calibrating dosimeters and doserate meters and for determining their response as a function of photon energy Part 1: Radiation characteristics and production methods, **First Edition**
67. **KS ISO 4037-2:2019** Kenya Standard — Radiological protection — X and gamma reference radiation for calibrating dosimeters and doserate meters and for determining their response as a function of photon energy Part 2: Dosimetry for radiation protection over the energy ranges from 8 keV to 1,3 MeV and 4 MeV to 9 MeV, **First Edition**
68. **KS ISO 4037-3:2019** Kenya Standard — Radiological protection — X and gamma reference radiation for calibrating dosimeters and doserate meters and for determining their response as a function of photon energy Part 3: Calibration of area and personal dosimeters and the measurement of their response as a function of energy and angle of incidence, **First Edition**
69. **KS ISO 4037-4:2019** Kenya Standard — Radiological protection — X and gamma reference radiation for calibrating dosimeters and doserate meters and for determining their response as a

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function of photon energy Part 4: Calibration of area and personal dosimeters in low energy X reference radiation fields, **First Edition**

ENGINEERING DIVISION

70. **KS 1515:2019** Kenya Standard — Road vehicles — Inspection of road vehicles — Code of practice, **Second Edition**
71. **KS 1814:2019** Kenya Standard — Biomass stoves — Performance requirements, **Fourth Edition**
72. **KS ISO 19867-1:2018** Kenya Standard — Clean cookstoves and clean cooking solutions — Harmonized laboratory test protocols Part 1: Standard test sequence for emissions and performance, safety and durability, **First Edition**
73. **KS ISO 13232-1:2005** Kenya Standard — Motorcycles — Test and analysis procedures for research evaluation of rider crash protective devices fitted to motorcycles Part 1: Definitions, symbols and general considerations, **First Edition**
74. **KS ISO 13232-1:2005/Amd 1:2012** Kenya Standard — Motorcycles — Test and analysis procedures for research evaluation of rider crash protective devices fitted to motorcycles Part 1: Definitions, symbols and general considerations, AMENDMENT 1, **First Edition**
75. **KS ISO 13232-2:2005** Kenya Standard — Motorcycles — Test and analysis procedures for research evaluation of rider crash protective devices fitted to motorcycles Part 2: Definition of impact conditions in relation to accident data, **First Edition**
76. **KS ISO 13232-3:2005** Kenya Standard — Motorcycles — Test and analysis procedures for research evaluation of rider crash protective devices fitted to motorcycles Part 3: Motorcyclist anthropometric impact dummy, **First Edition**
77. **KS ISO 13232-3:2005/Amd 1:2012** Kenya Standard — MATD test helmet rider crash protective devices fitted to motorcycles Part 6: Full-scale impact-test procedures, AMENDMENT 1, **First Edition**
78. **KS ISO 13232-4:2005** Kenya Standard — Motorcycles — Test and analysis procedures for research evaluation of rider crash protective devices fitted to motorcycles Part 4: Variables to be measured, instrumentation and measurement procedures, **First Edition**
79. **KS ISO 13232-5:2005** Kenya Standard — Motorcycles — Test and analysis procedures for research evaluation of rider crash protective devices fitted to motorcycles Part 5: Injury indices and risk/benefit analysis, **First Edition**
80. **KS ISO 13232-5:2005/Amd 1:2012** Kenya Standard — Motorcycles — Test and analysis procedures for research evaluation of rider crash protective devices fitted to motorcycles Part 5: Injury indices and risk/benefit analysis, Amendment 1, **First Edition**
81. **KS ISO 13232-6:2005** Kenya Standard — Motorcycles — Test and analysis procedures for research evaluation of rider crash protective devices fitted to motorcycles Part 6: Full-scale impact-test procedures, **First Edition**
82. **KS ISO 13232-6:2005/Amd 1:2012** Kenya Standard — Kenya Standard — Motorcycles — Test and analysis procedures for research evaluation of rider crash protective devices fitted to motorcycles Part 6: Full-scale impact-test procedures, AMENDMENT 1, **First Edition**
83. **KS ISO 13232-7:2005** Kenya Standard — Motorcycles — Test and analysis procedures for research evaluation of rider crash protective devices fitted to motorcycles Part 7: Standardized procedures for performing computer simulations of motorcycle impact tests, **First Edition**
84. **KS ISO 13232-7:2005/Amd 1:2012** Kenya Standard — Kenya Standard — Motorcycles — Test and analysis procedures for research evaluation of rider crash protective devices fitted to motorcycles Part 7: Standardized procedures for performing computer simulations of motorcycle impact tests, AMENDMENT 1, **First Edition**

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85. **KS ISO 13232-8:2005** Kenya Standard — Motorcycles — Test and analysis procedures for research evaluation of rider crash protective devices fitted to motorcycles Part 8: Documentation and reports, **First Edition**
86. **KS ISO 13232-8:2005/Amd 1:2012** Kenya Standard — Motorcycles — Test and analysis procedures for research evaluation of rider crash protective devices fitted to motorcycles Part 8: Documentation and reports, AMENDMENT 1, **First Edition**
87. **KS ISO 14722:1998** Kenya Standard — Moped and moped-rider kinematics — Vocabulary, **First Edition**
88. **KS ISO 14722:1998/Amd 1:2011** Kenya Standard — Moped and moped-rider kinematics — Vocabulary, AMENDMENT 1, **First Edition**
89. **KS ISO 17479:2013** Kenya Standard — Motorcycles — Measurement methods for gaseous exhaust emissions during inspection or maintenance, **First Edition**
90. **KS ISO 18580:2015** Kenya Standard — Motorcycles — Verification of total running resistance force during mode running on a chassis dynamometer, **First Edition**
91. **KS ISO 19689:2016** Kenya Standard — Motorcycles and mopeds — Communication between vehicle and external equipment for diagnostics — Diagnostic connector and related electrical circuits, specification and use, **First Edition**
92. **KS ISO 28981:2009** Kenya Standard — Mopeds — Methods for setting the running resistance on a chassis dynamometer, **First Edition**
93. **KS ISO 28981:2009/Amd 1:2015** Kenya Standard — Mopeds — Methods for setting the running resistance on a chassis dynamometer, **First Edition**
94. **KS ISO 20766-1:2018** Kenya Standard — Road vehicles — Liquefied petroleum gas (LPG) fuel systems components Part 1: General requirements and definitions, **First Edition**
95. **KS ISO 20766-2:2018** Kenya Standard — Road vehicles — Liquefied petroleum gas (LPG) fuel systems components Part 2: Performance and general test methods, **First Edition**
96. **KS ISO 20766-3:2018** Kenya Standard — Road vehicles — Liquefied petroleum gas (LPG) fuel systems components Part 3: 80% stop valve, **First Edition**
97. **KS ISO 20766-4:2018** Kenya Standard — Road vehicles — Liquefied petroleum gas (LPG) fuel system components Part 4: Level indicator, **First Edition**
98. **KS ISO 20766-6:2019** Kenya Standard — Road vehicles — Liquefied petroleum gas (LPG) fuel systems components Part 6: Pressure relief valves (PRV) , **First Edition**
99. **KS ISO 20766-9:2019** Kenya Standard — Road vehicles — Liquefied petroleum gas (LPG) fuel systems components Part 9: Pressure relieve device (PRD) , **First Edition**
100. **KS ISO 16232:2018** Kenya Standard — Road vehicles — Cleanliness of components and systems, **First Edition**
101. **KS ISO 6469-1:2019** Kenya Standard — Electrically propelled road vehicles — Safety specifications Part 1: Rechargeable energy storage system (RESS) , **Second Edition**
102. **KS ISO 6469-3:2018** Kenya Standard — Electrically propelled road vehicles — Safety specifications Part 3: Electrical safety, **Second Edition**
103. **KS ISO 12405-4:2018** Kenya Standard — Electrically propelled road vehicles — Test specification for lithium-ion traction battery packs and systems Part 4: Performance testing, **Second Edition**
104. **KS EAS 924-1:2018** Kenya Standard — 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, **First Edition**
105. **KS EAS 924-2:2018** Kenya Standard — Handling, storage, and distribution of Liquefied Petroleum Gas (LPG) in domestic, commercial, and industrial installations — Code of practice

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- 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, **First Edition**
106. **KS EAS 925:2018** Kenya Standard — Inspection and testing of Liquefied Petroleum Gas (LPG) road tankers, **First Edition**
 107. **KS EAS 902:2018** Kenya Standard — Bulk Liquefied Petroleum Gas (LPG) road tankers — Assembling — Requirements, **First Edition**
 108. **KS EAS 903:2018** Kenya Standard — Road tankers — Welded steel tanks for Liquefied Petroleum Gas (LPG) — Design and manufacture, **First Edition**
 109. **KS ISO 799-1:2019** Kenya Standard — Ships and marine technology — Pilot ladders Part 1: Design and specification, **First Edition**
 110. **KS ISO 5620-1:1992** Kenya Standard — Ships and marine structures — Filling connection for drinking water tanks Part 1: General requirements, **First Edition**
 111. **KS ISO 5620-2:1992** Kenya Standard — Ships and marine structures — Filling connection for drinking water tanks Part 2: Components, **First Edition**
 112. **KS ISO 14726:2008** Kenya Standard — Ships and marine technology — Identification colours for the content of piping systems, **First Edition**
 113. **KS ISO 15364 :2016** Kenya Standard — Ships and marine technology — Pressure/ vacuum valves for cargo tanks, **First Edition**
 114. **KS ISO 15837:2004** Kenya Standard — Ships and marine technology — Gasketed mechanical couplings for use in piping systems — Performance specification, **First Edition**
 115. **KS ISO 15749-4:2004** Kenya Standard — Ships and marine technology — Drainage systems on ships and marine structures Part 4: Sanitary drainage, sewage disposal pipes, **First Edition**
 116. **KS ISO 15749-5:2004** Kenya Standard — Ships and marine technology Part 5: Drainage of decks, cargo spaces and swimming pools, **First Edition**
 117. **KS ISO 5483:2003** Kenya Standard — Ships and marine technology — Drain facilities from oil and water tanks, **First Edition**
 118. **KS ISO 3797:1976** Kenya Standard — Ships building — Vertical steel ladders, **First Edition**
 119. **KS ISO 5488:2015** Kenya Standard — Ships building — Accommodation ladders, **First Edition**
 120. **KS ISO 5489:2007** Kenya Standard — Ships and marine technology — Embarkation ladders, **First Edition**
 121. **KS ISO 8383:1985** Kenya Standard — Lifts on ships — Specific requirements, **First Edition**
 122. **KS ISO 13617:2001** Kenya Standard — Ships and marine technology — Shipboard incinerators — Requirements, **First Edition**
 123. **KS ISO 23269-2:2011** Kenya Standard — Ships and marine technology — Breathing apparatus for ships- Part 2: Self- contained breathing apparatus for shipboard firefighters, **First Edition**
 124. **KS ISO 23269-1:2008** Kenya Standard — Ships and marine technology — Breathing apparatus for ships Part1: Emergency escape breathing devices (EEBD) for shipboard use, **First Edition**
 125. **KS ISO 22157:2019** Kenya Standard — Bamboo structures — Determination of physical and mechanical properties of bamboo culms — Test methods, **First Edition**
 126. **KS ISO 8965:2013** Kenya Standard — Logging industry — Technology — Terms and definitions, **Second Edition**
 127. **KS ISO 8375:2017** Kenya Standard — Timber structures — Glued laminated timber — Test methods for determination of physical and mechanical properties, **First Edition**
 128. **KS ISO 18100:2017** Kenya Standard — Timber structures — Finger-jointed timber — Manufacturing and production requirements, **First Edition**

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129. **KS ISO 24294:2013** Kenya Standard — Timber — Round and sawn timber — Vocabulary, **First Edition**
130. **KS ISO 13910:2014** Kenya Standard — Timber structures — Strength graded timber — Test methods for structural properties, **First Edition**
131. **KS ISO 16507:2013** Kenya Standard — Timber structures — Uniform, concentrated static and concentrated impact loads on wood-based roof and floor panel assemblies — Test methods, **First Edition**
132. **KS 2877:2019** Kenya Standard — Sustainable management and harvesting of bamboo species — Guidelines, **First Edition**
133. **KS ISO 17754:2014** Kenya Standard — Timber structures — Test methods — Torsional resistance of driving in screws, **First Edition**
134. **KS 2801-1:2019** Kenya Standard — Masonry units — Specification Part 1: Clay masonry units, **First Edition**
135. **KS 2802-1:2019** Kenya Standard — Masonry units — Test methods Part 1: Determination of compressive strength, **First Edition**
136. **KS 2802-3:2019** Kenya Standard — Masonry units — Test methods Part 3: Determination of the active soluble salts content of clay masonry units, **First Edition**
137. **KS 2802-6:2019** Kenya Standard — Masonry units — Test methods Part 6: Determination of water absorption of aggregate concrete, autoclaved aerated concrete, manufactured stone and natural stone masonry units due to capillary action and the initial rate of water absorption of clay masonry units, **First Edition**
138. **KS 2802-8:2019** Kenya Standard — Masonry units — Test methods Part 8: Determination of dimensions, **First Edition**
139. **KS 2802-9:2019** Kenya Standard — Masonry units — Test methods Part 9: Determination of moisture expansion of large horizontally perforated clay masonry Test methods Part 10: Determination of flatness of faces of aggregate concrete, manufactured stone and natural stone masonry units, **First Edition**
140. **KS 2802-10:2019** Kenya Standard — Masonry units — Test methods Part 10: Determination of flatness of faces of aggregate concrete, manufactured stone and natural stone masonry units
141. **KS 2802-11:2019** Kenya Standard — Masonry units — Test methods Part 11: Determination of water absorption of clay and calcium silicate masonry units by cold-water absorption, **First Edition**
142. **KS 2802-12:2019** Kenya Standard — Masonry units — Test methods Part 12: Determination of initial shear strength, **First Edition**
143. **KS 2803:2019** Kenya Standard — Masonry and masonry products — Methods for determining thermal properties, **First Edition**
144. **KS 2804-1:2019** Kenya Standard — Fire classification of construction products and building elements Part 1: Classification using data from reaction to fire tests, **First Edition**
145. **KS ISO 3834-1:2005** Kenya Standard — Quality requirements for fusion welding of metallic materials Part 1: Criteria for the selection of the appropriate level of quality requirements, **First Edition**
146. **KS ISO 5817:2014** Kenya Standard — Welding — Fusion-welded joints in steel, nickel, titanium and their alloys (beam welding excluded) — Quality levels for imperfections, **First Edition**
147. **KS ISO 9606-1:2012** Kenya Standard — Qualification testing of welders — Fusion welding Part 1: Steels, **First Edition**
148. **KS ISO 9606-2:2012** Kenya Standard — Qualification test of welders — Fusion welding Part 2: Aluminium and aluminium alloy, **First Edition**

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149. **KS ISO 15012-1:2012** Kenya Standard — Health and safety in welding and allied processes — Equipment for capture and separation of welding fume Part 1: Requirements for testing and marking of separation efficiency, **First Edition**
150. **KS ISO 15012-4:2016** Kenya Standard — Health and safety in welding and allied Processes- Equipment for capture and separation of welding fume Part 4: General requirements, **First Edition**
151. **KS ISO 15012-2:2008** Kenya Standard — Health and safety in welding and allied processes — Requirements, testing and marking of equipment for air filtration Part 2: Determination of the minimum air volume flow rate of captor hoods and nozzles, **First Edition**
152. **KS ISO 25980:2014** Kenya Standard — Health and safety in welding and allied processes — Transparent welding curtains, strips and screens for arc welding processes, **First Edition**
153. **KNWA 2885:2019** Kenya Standard — Meter for dispensing liquefied petroleum gas (LPG) from cylinder — Specification, **First Edition**

FOOD DIVISION

154. **KS 28-1:2019** Kenya Standard — Cheese — Specification Part 1: General requirements, **Fourth Edition**
155. **KS 28-2:2019** Kenya Standard — Cheese — Specification Part 2: Cheddar, **Fourth Edition**
156. **KS 28-3:2019** Kenya Standard — Cheese — Specification Part 3: Gouda, **Fourth Edition**
157. **KS 2853:2019** Kenya Standard — Danbo cheese — Specification, **First Edition**
158. **KS 2683:2019** Kenya Standard — Brie cheese — Specification, **Second Edition**
159. **KS 2682:2019** Kenya Standard — Camembert cheese — Specification, **Second Edition**
160. **KS 28-4:2019** Kenya Standard — Cheese — Specification Part 4: Tilsiter, **Fourth Edition**
161. **KS 2850:2019** Kenya Standard — Cheeses in brine — Specification, **First Edition**
162. **KS 2510:2019** Kenya Standard — Evaporated milks — Specification, **Second Edition**
163. **KS 2509:2019** Kenya Standard — Processed cheese — Specification, **Second Edition**
164. **KS 2688:2019** Kenya Standard — Certain canned fruits — Specification, **Second Edition**
165. **KS 2689:2019** Kenya Standard — Quick frozen vegetables, **Second Edition**
166. **KS 2687:2019** Kenya Standard — Pickled fruits and vegetables — Specification, **Second Edition**
167. **KS 1178:2019** Kenya Standard — Canned tropical fruit salad — Specification, **Second Edition**
168. **KS 2851:2019** Kenya Standard — Canned Apple sauce — Specification, **First Edition**
169. **KS 2852:2019** Kenya Standard — Canned stone fruits — Specification, **First Edition**
170. **KS 2166:2019** Kenya Standard — Icing sugar — Specification, **Second Edition**
171. **KS 436-2:2019** Kenya Standard — Cocoa powder — Specification Part 2: Cocoa-sugar mixtures, **Fourth Edition**
172. **KS 998:2019** Kenya Standard — Chocolates — Specification, **Second Edition**
173. **KS 2862:2019** Kenya Standard — Cocoa butter — Specification, **First Edition**

AGRICULTURE DIVISION

174. **KS ISO 16577:2016** Kenya Standard — Molecular biomarker analysis — Terms and definitions, **First Edition**
175. **KS ISO 16578:2013** Kenya Standard — Molecular biomarker analysis — General definitions and requirements for microarray detection of specific nucleic acid sequences, **First Edition**
176. **KS ISO 13495:2013** Kenya Standard — Foodstuffs — Principles of selection and criteria of validation for varietal identification methods using specific nucleic acid, **First Edition**
177. **KS 2859:2019** Kenya Standard — Sweetpotato bread — Specification, **First Edition**
178. **KS 2860:2019** Kenya Standard — Sweetpotato puree — Specification, **First Edition**
179. **KS 2861:2019** Kenya Standard — Production and handling of sweet potatoes — Code of practice, **First Edition**
180. **KS ISO 18794:2018** Kenya Standard — Coffee — Sensory analysis — Vocabulary — specification, **First Edition**

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181. **KS ISO 13301:2018** Kenya Standard — Sensory analysis — Methodology — General guidance for measuring odour, flavour and taste detection thresholds by a three-alternative forced-choice (3-AFC) procedure, **Second Edition**
182. **KS ISO 5496:2006/Amd.1:2018** Kenya Standard — Sensory analysis — Methodology — Initiation and training of assessors in the detection and recognition of odours AMENDMENT 1, **First Edition**
183. **KS ISO 734:2015** Kenya Standard — Oilseed meals — Determination of oil content — Extraction method with hexane (or light petroleum) , **First Edition**
184. **KS ISO 5500:1986** Kenya Standard — Oilseed residues — Sampling, **First Edition**
185. **KS ISO 14244:2014** Kenya Standard — Oilseed meals — Determination of soluble proteins in potassium hydroxide solution, **First Edition**
186. **KS ISO 22630:2015** Kenya Standard — Oilseed meals — Determination of oil content — Rapid extraction method, **First Edition**
187. **KS ISO 7409:2018** Kenya Standard — Fertilizers — Marking — Presentation and declarations, **Second Edition**
188. **KS ISO 25475:2016** Kenya Standard — Fertilizers — Determination of ammoniacal nitrogen, **First Edition**
189. **KS ISO 18643:2016** Kenya Standard — Fertilizers and soil conditioners — Determination of biuret content of urea-based fertilizers — HPLC method, **First Edition**
190. **KS ISO 18644:2016** Kenya Standard — Fertilizers and soil conditioners — Controlled-release fertilizer — General requirements, **First Edition**
191. **KS ISO 18645:2016** Kenya Standard — Fertilizers and soil conditioners — Water soluble fertilizer — General requirements, **First Edition**
192. **KS ISO 25705:2016** Kenya Standard — Fertilizers — Determination of urea condensates using high-performance liquid chromatography (HPLC) — Isobutylidenediurea and crotonylidenediurea (method A) and methylen-urea oligomers (method B) , **First Edition**

TEXTILE AND LEATHER DIVISION

193. **KS 2662:2016 Amd 1:2019** Kenya Standard — Disposable adult diapers — Specification AMENDMENT 1, **First Edition**
194. **KS 2857:2019** Kenya Standard — Cotton Industry — Code of practice, **First Edition**
195. **KS 2858:2019** Kenya Standard — Sisal Industry — Code of practice, **First Edition**
196. **KS 2174:2019** Kenya Standard — Measurement of physical properties of raw cotton by cotton classification instruments — Standard test methods, **Second Edition**
197. **KS 2881:2019** Kenya Standard — Maternity pads — Specification, **First Edition**
198. **KS 1661:2019** Kenya Standard — Footwear — Canvas shoes — Specification, **Second Edition**
199. **KS ISO/TR 20880:2007** Kenya Standard — Footwear — Performance requirements for components for footwear — Outsole, **First Edition**
200. **KS 2238:2019** Kenya Standard — Baby shawl — Specification, **Second Edition**
201. **KS 559-1:2019** Kenya Standard — Men's and boy's trousers — Specification Part 1: Making up requirements, **Third Edition**
202. **KS 1267-2:2019** Kenya Standard — Pillows for domestic use — Specification Part 2: Synthetic filled pillows, **Third Edition**
203. **KS 640-1:2019** Kenya Standard — Men's and boy's pyjamas — Specification Part 1: Making up requirements, **Second Edition**
204. **KS 640-2:2019** Kenya Standard — Men's and boy's pyjamas — Specification Part 2: Measurements, **Second Edition**
205. **KS 1037:2019** Kenya Standard — Woven bags — Test methods, **Second Edition**
206. **KS 629:2019** Kenya Standard — Sweaters — Specification, **Fourth Edition**
207. **KS ISO 18074:2015** Kenya Standard — Textiles — Identification of some animal fibres by DNA analysis method — Cashmere, wool, yak and their blends, **First Edition**

KENYA BUREAU OF STANDARDS

LIST OF STANDARDS APPROVED BY THE 123RD STANDARDS APPROVAL COMMITTEE MEETING ON 23RD JULY 2019

- 208. **KS ISO 18103:2015** Kenya Standard — Superfine woven wool fabric labelling — Requirements for Super S code definition, **First Edition**
- 209. **KS ISO 18254-1:2016** Kenya Standard — Textiles — Method for the detection and determination of alkylphenol ethoxylates (APEO) Part 1: Method using HPLC-MS, **First Edition**
- 210. **KS ISO 1130:1975** Kenya Standard — Textile fibres — Some methods of sampling for testing, **First Edition**
- 211. **KNWA 2884:2019** Kenya Standard — Non-woven polypropylene bags — Specification, **First Edition**

TRADE AFFAIRS DIVISION

- 212. **KS ISO/TS 12812-5:2017** Kenya Standard — Core banking — Mobile financial services Part 5: Mobile payments to businesses, **First Edition**

SERVICES DIVISION

- 213. **KS ISO 29992:2018** Kenya Standard — Assessment of outcomes of learning services — Guidance, **First Edition**
- 214. **KS ISO 30401:2018** Kenya Standard — Human resource management — Knowledge management systems — Requirements, **First Edition**
- 215. **KS ISO 30414:2018** Kenya Standard — Human resource management — Guidelines for internal and external human capital reporting, **First Edition**
- 216. **KS ISO 10668:2010** Kenya Standard — Brand valuation — Requirements for monetary brand valuation, **First Edition**
- 217. **KS 2875:2019** Kenya Standard — Human resource management — Learning and development — Guidelines, **First Edition**
- 218. **KS 2876:2019** Kenya Standard — Human resource management — Valuing human capital — Requirements, **First Edition**
- 219. **KS 2277-1:2019** Kenya Standard — Schools and Colleges — Safety for design and technology Part 1: Health and safety management — Guidelines, **Second Edition**
- 220. **KS 2277-2:2019** Kenya Standard — Schools and Colleges — Safety for design and technology Part 2: Planning and services – Guidelines, **Second Edition**
- 221. **KS 2277-3:2019** Kenya Standard — Schools and Colleges — Safety for design and technology Part 3: Teaching areas, equipment, tools and processes Part 3: Guidelines, **Second Edition**
- 222. **KS 2277-4:2019** Kenya Standard — Schools and Colleges — Safety for design and technology Part 4: Materials – Guidelines, **Second Edition**
- 223. **KS 2867:2019** Kenya Standard — Occupational safety and health — Demolition of buildings — Code of practice, **First Edition**
- 224. **KS 2868:2019** Kenya Standard — Occupational safety and health — Sewermen — Code of practice, **First Edition**
- 225. **KS ISO 45001:2018** Occupational health and safety management systems — Requirements with guidance for use, **First Edition**
- 226. **KS ISO 17776:2016** Kenya Standard — Petroleum and natural gas industries — Offshore production installations — Major accident hazard management during the design of new installations, **First Edition**
- 227. **KS ISO 13702:2015** Kenya Standard — Petroleum and natural gas industries — Control and mitigation of fires and explosions on offshore production installations — Requirements and guidelines, **First Edition**

KENYA BUREAU OF STANDARDS

LIST OF STANDARDS APPROVED BY THE 123RD STANDARDS APPROVAL COMMITTEE MEETING ON 23RD JULY 2019

228. **KS ISO 15544:2000** Kenya Standard — Petroleum and natural gas industries — Offshore production installations — Requirements and guidelines for emergency response, **First Edition**
229. **KS ISO 15544:2000/Amd 1:2009** Kenya Standard — Petroleum and natural gas industries — Offshore production installations — Requirements and guidelines for emergency response, **First Edition**
230. **KS ISO 13857:2008** Kenya Standard — Safety of machinery — Safety distances to prevent hazard zones being reached by upper and lower limbs, **First Edition**
231. **KS ISO 10418:2019** Kenya Standard — Petroleum and natural gas industries — Offshore production installations — Process safety systems, **First Edition**
232. **KS ISO 13577-1:2016** Kenya Standard — Industrial furnaces and associated processing equipment — Safety Part 1: General requirements, **First Edition**
233. **KS ISO 13577-2:2014** Kenya Standard — Industrial furnaces and associated processing equipment — Safety Part 2: Combustion and fuel handling systems, **First Edition**
234. **KS 1829:2019** Kenya Standard — Labelling of products — General requirements, **Second Edition**
235. **KS 2872:2019** Kenya Standard — Recreational watersport activities — Responsible diving — requirements, **Second Edition**
236. **KS 2871:2019** Kenya Standard — Emergency management — Evacuation for healthcare facilities — Guidelines, **Second Edition**
237. **KS ISO 25649-1:2017** Kenya Standard — Floating leisure articles for use on and in the water — Part 1: Classifications, materials, general requirements and test methods, **First Edition**
238. **KS ISO 25649-3:2017** Kenya Standard — Floating leisure articles for use on and in the water — Part 3: Additional specific safety requirements and test methods for class A, **First Edition**
239. **KS 2848:2019** Kenya Standard — Moringa leaf products — Specification, **First Edition**
240. **KS 2849:2019** Kenya Standard — Production of moringa leaf products — Code of practice, **First Edition**
241. **KS 2869:2019** Kenya Standard — Baobab fruit pulp powder — Specification, **First Edition**
242. **KS 2870:2019** Kenya Standard — Spirulina powder — Specification, **First Edition**
243. **KS ISO 18665:2015** Kenya Standard — Traditional Chinese medicine — Herbal decoction apparatus, **First Edition**
244. **KS ISO 18664:2015** Kenya Standard — Traditional Chinese Medicine — Determination of heavy metals in herbal medicines used in Traditional Chinese Medicine, **First Edition**
245. **KS ISO 19465:2017** Kenya Standard — Traditional Chinese medicine — Categories of traditional Chinese medicine (TCM) clinical terminological systems, **First Edition**
246. **KS ISO 18666:2015** Kenya Standard — Traditional Chinese medicine — General requirements of moxibustion devices, **First Edition**
247. **KS ISO 17217-1:2014** Kenya Standard — Traditional Chinese medicine — Ginseng seeds and seedlings Part 1: *Panax ginseng* C.A. Meyer, **First Edition**
248. **KS ISO 19824:2017** Kenya Standard — Traditional Chinese medicine — *Schisandra Chinensis* (Turcz.) Baill. seeds and seedlings, **First Edition**
249. **KS ISO 20311:2017** Kenya Standard — Traditional Chinese medicine — *Salvia miltiorrhiza* seeds and seedlings, **First Edition**
250. **KS ISO 20408:2017** Kenya Standard — Traditional Chinese medicine — *Panax notoginseng* seeds and seedlings, **First Edition**
251. **KS ISO 20409:2017** Kenya Standard — Traditional Chinese medicine — *Panax notoginseng* root and rhizome, **First Edition**

CODEX DIVISION

252. **KS ISO 22000:2018** Kenya Standard — Food safety management systems — Requirements for any organization in the food chain, **Second Edition**

EAC/COMESA DIVISION

KENYA BUREAU OF STANDARDS

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COMMITTEE MEETING ON 23RD JULY 2019**

253. KS 1054-1:2008 Cor 1:2019 Kenya Standard — Energy drinks — Specification Part 1: Ready-to-drink energy drinks CORRIGEDUM 1, **First Edition**