

# KENYA BUREAU OF STANDARDS

## APPROVED LIST OF STANDARDS BY 105<sup>TH</sup> STANDARDS APPROVAL COMMITTEE MEETING ON 17<sup>TH</sup> DECEMBER 2014

### CHEMICAL STANDARDS

1. **KS 2582-1:2014** Kenya Standard — Safety of chemical products — Code of practice Part 1: Safety of methanol, **First Edition**
2. **KS 2583:2014** Kenya Standard — Denatonium benzoate in alcohols — Test method, , **First Edition**
3. **KS 2567:2014** Kenya Standard — Paper-towel rolls for centre-feed dispensing devices — Specification, **First Edition**
4. **KS ISO 16000-29:2014** Kenya Standard — Indoor air — Part 29: Test methods for VOC detectors, **First Edition**
5. **KS ISO 13138:2012** Kenya Standard — Air quality — Sampling conventions for airborne particle deposition in the human respiratory system, **First Edition**
6. **KS ISO 2884-2:2003** Kenya Standard — Paints and varnishes — Determination of viscosity using rotary viscometer Part 2: Disc or ball viscometer operated at specified speed, **First Edition**
7. **KS ISO 9117-3:2010** Kenya Standard — Paints and varnishes — Drying tests — Part 3: Surface-drying test using ballotini, **First Edition**
8. **KS ISO 6504-3:2006** Kenya Standard — Paints and varnishes — Determination of hiding power Part 3: Determination of contrast ratio of light coloured paints at a fixed spreading rate, **First Edition**
9. **KS ISO 21207:2004** Kenya Standard — Corrosion tests in artificial atmospheres — Accelerated corrosion tests involving alternate exposure to corrosion promoting gases, neutral salt-spray and drying, **First Edition**
10. **KS ISO 3856-1:1984** Kenya Standard — Paints and varnishes — Determination of “soluble” metal content Part 1: Determination of lead content — Flame atomic absorption spectrometric method and dithizone spectrophotometric method, **First Edition**
11. **KS EAS 361:2004** Kenya Standard — Carbaryl dusting powder — Specification, **First Edition**
12. **KS 2564:2014** Kenya Standard — Chemicals used for treatment of water intended for human consumption — Chemicals for emergency use — Trichloroisocyanuric acid — Specification, **First Edition**
13. **KS 2565:2014** Kenya Standard — Chemicals used for treatment of swimming pool water — Trichloroisocyanuric acid — Specification, **First Edition**

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14. **KS 2568:2014**, Kenya Standard — Powder sanitizers — Specification, **First Edition**
15. **KS 1797:2014** Kenya Standard — Household fabric softeners — Specification, **Second Edition**
16. **KS ISO 2834-1:2006** Kenya Standard — Graphic technology — Laboratory preparation of test prints Part 1: Paste inks, **First Edition**
17. **KS ISO 2834-3:2008** Kenya Standard — Graphic technology — Laboratory preparation of test prints Part 3: Screen printing inks, **First Edition**
18. **KS ISO 2836:2004** Kenya Standard — Graphic technology — Prints and printing inks — Assessment of resistance of prints to various agents, **First Edition**
19. **KS ISO 12643-1:2009 Kenya Standard** — Graphic technology — Safety requirements for graphic technology equipment and systems Part 1: General requirements, **First Edition**
20. **KS ISO 14298:2013** Kenya Standard — Graphic technology — Management of security printing processes, **First Edition**
21. **KS ISO 2834-2:2007** Kenya Standard — Graphic technology — Laboratory preparation of test prints Part 2: Liquid printing inks, **First Edition**

#### ICT STANDARDS

22. **KS ISO/IEC 19790:2012** Kenya Standard — Information technology — Security techniques — Security requirements for cryptographic modules, **First Edition**
23. **KS ISO/IEC 24759:2008** Kenya Standard — Information technology — Security techniques — Test requirements for cryptographic modules, **First Edition**
24. **KS ISO/IEC 29128:2011** Kenya Standard — Information technology — Security techniques — Verification of cryptographic protocols, **First Edition**
25. **KS ISO/IEC 29150:2011** Kenya Standard — Information technology — Security techniques — Signcryption, **First Edition**
26. **KS ISO/IEC 10116:2006** Kenya Standard — Information technology — Security techniques — Modes of operation for an n-bit block cipher, **First Edition**
27. **KS ISO/IEC 29100:2011** Kenya Standard — Information technology — Security techniques — Privacy framework, **First Edition**

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28. **KS ISO/IEC 18031:2011** Kenya Standard — Information technology — Security techniques — Random bit generation, **First Edition**
29. **KS ISO/IEC 18032:2005** Kenya Standard — Information technology — Security techniques — Prime number generation, **First Edition**
30. **KS ISO/IEC 11770-1:2010** Kenya Standard — Information technology — Security techniques — Key management Part 1: Framework, **First Edition**
31. **KS ISO/IEC 11770-2:2008** Kenya Standard — Information technology — Security techniques — Key management Part 2: Mechanisms using symmetric techniques, **First Edition**
32. **KS ISO/IEC 11770-3:2008** Kenya Standard — Information technology — Security techniques — Key management Part 3: Mechanisms using asymmetric techniques, **First Edition**
33. **KS ISO/IEC 11770-4:2006** Kenya Standard — Information technology — Security techniques — Key management Part 4: Mechanisms based on weak secrets, **First Edition**
34. **KS ISO/IEC 11770-5:2011** Kenya Standard — Information technology — Security techniques — Key management Part 5: Group key management, **First Edition**
35. **KS ISO/IEC 11889-1:2009** Kenya Standard — Information technology — Trusted Platform Module Part 1: Overview, **First Edition**
36. **KS ISO/IEC 11889-2:2011** Kenya Standard — Information technology — Trusted Platform Module Part 2: Design principles, **First Edition**
37. **KS ISO/IEC 11889-3:2009** Kenya Standard — Information technology — Trusted Platform Module Part 3: Structures, **First Edition**
38. **KS ISO/IEC 11889-4:2009** Kenya Standard — Information technology -- Trusted Platform Module -- Part 4: Commands, **First Edition**
39. **KS ISO/IEC 18014-1:2008** Kenya Standard — Information technology — Security techniques — Time-stamping services Part 1: Framework, **First Edition**
40. **KS ISO/IEC 18014-2:2009** Kenya Standard — Information technology — Security techniques — Time-stamping services Part 2: Mechanisms producing independent tokens, **First Edition**

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41. **KS ISO/IEC 18014-3:2009** Kenya Standard — Information technology — Security techniques — Time-stamping services Part 3: Mechanisms producing linked tokens, **First Edition**
42. **KS ISO/IEC TR 29149:2012** Kenya Standard — Information technology — Security techniques — Best practices for the provision and use of time-stamping services, **First Edition**
43. **KS ISO/IEC 10118-1:2000** Information technology — Security techniques — Hash-functions Part 1: General, **First Edition**
44. **KS ISO/IEC 10118-2:2010** Kenya Standard — Information technology — Security techniques — Hash-functions Part 2: Hash-functions using an n-bit block cipher, **First Edition**
45. **KS ISO/IEC 10118-3:2004** Kenya Standard — Information technology — Security techniques — Hash-functions Part 3 Dedicated hash-functions, **First Edition**
46. **KS ISO/IEC 10118-4:1998** Kenya Standard — Information technology — Security techniques — Hash-functions Part 4 Hash-functions using modular arithmetic, **First Edition**
47. **KS ISO/IEC 29191:2012** Kenya Standard — Information technology — Security techniques — Requirements for partially anonymous, partially unlinkable authentication, **First Edition**
48. **KS ISO/IEC 29192-1:2012** Kenya Standard — Information technology — Security techniques — Lightweight cryptography Part 1: General, **First Edition**
49. **KS ISO/IEC 29192-2:2012** Kenya Standard — Information technology — Security techniques — Lightweight cryptography Part 2: Block ciphers, **First Edition**
50. **KS ISO/IEC 29192-3:2012** Kenya Standard — Information technology — Security techniques — Lightweight cryptography Part 3: Stream ciphers, **First Edition**
51. **KS ISO/IEC 19772:2009** Kenya Standard — Information technology — Security techniques — Authenticated encryption, **First Edition**
52. **KS ISO/IEC 18033-1:2005** Kenya Standard — Information technology — Security techniques — Encryption algorithms Part 1: General, **First Edition**
53. **KS ISO/ IEC 18033-2:2006** Kenya Standard — Information technology — Security techniques — Digital signature with appendix Part 2: Asymmetric ciphers, **First Edition**

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54. **KS ISO/ IEC 18033-3:2010** Kenya Standard — Information technology — Security techniques — Digital signature with appendix Part 3: Block ciphers, **First Edition**
55. **KS ISO/IEC 18033-4:2011** Kenya Standard — Information technology — Security techniques — Digital signature with appendix Part 4: Stream ciphers, **First Edition**
56. **KS ISO/ IEC 14888-1:2008** Kenya Standard — Information technology — Security techniques — Digital signature with appendix Part 1: General, **First Edition**
57. **KS ISO/ IEC 14888-2:2008** Kenya Standard — Information technology — Security techniques — Digital signature with appendix Part 2: Integer factorization based mechanisms, **First Edition**
58. **KS ISO/ IEC 14888-3:2008** Kenya Standard — Information technology — Security techniques — Digital signature with appendix Part 3: Discrete logarithm based mechanisms, **First Edition**
59. **KS ISO/IEC 9796-2:2010** Kenya Standard — Information technology — Security techniques — Digital signature schemes giving message recovery Part 2: Integer factorization based mechanisms, **First Edition**
60. **KS ISO/IEC 9796-3:2006** Kenya Standard — Information technology — Security techniques — Digital signature schemes giving message recovery Part 3: Discrete logarithm based mechanisms, **First Edition**

#### TEXTILE AND LEATHER STANDARDS

61. **KS ISO 105 E03:2010** Kenya Standard — Textiles — Tests for colour fastness Part E03: Colour fastness to chlorinated water (swimming pool –water), **First Edition**
62. **KS ISO 105 E05:2010** Kenya Standard — Textiles — Tests for colour fastness Part E05: Colour fastness to spotting: Acid, **First Edition**
63. **KS ISO 105 E08:1994** Kenya Standard — Textiles — Tests for colour fastness Part E08: Colour fastness to hot water, **First Edition**
64. **KS ISO 105 E16:2006** Kenya Standard — Textiles — Tests for color fastness Part E16: Colour fastness to water spotting on upholstery fabrics, **First Edition**
65. **KS ISO 15625:2014** Kenya Standard — Silk — Electronic test method for defects and evenness of raw silk, **First Edition**

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66. **KS ISO 1140:2012** Kenya Standard — Fibre ropes — Polyamide,-3-,4-,8- and 12-strand ropes, **Second Edition**
67. **KS ISO 1141:2012** Kenya Standard — Fibre ropes — Polyester ,-3-,4-,8- and 12-strand ropes, **Second Edition**
68. **KS ISO 13673-3:2014** Kenya Standard — Textiles — Dyestuffs Part 3: Method for determination of certain carcinogenic dyestuffs (method using triethylamine/methanol), **First Edition**
69. **KS ISO 24362-1:2014** Kenya Standard — Textiles — Methods for determination of certain aromatic amines derived from azo colorants Part 1: Detection of the use of certain azo colorants accessible with and without extracting the fibres, **First Edition**
70. **KS ISO 24362-3:2014** Kenya Standard — Textiles — Methods for determination of certain aromatic amines derived from azo colorants Part 3: Detection of the use of certain azo colorants which may release 4-aminoazobenzene, **First Edition**
71. **KS 1600:2014** Kenya Standard — Polyolefin bags for salt and minerals — Specification, **First Edition**

#### ELECTROTECHNICAL STANDARDS

72. **KS 2542:2014** Kenya Standard — Off-grid solar photovoltaic lighting kits — Requirements, **First Edition**
73. **KS 2520:2014** Kenya Standard — Domestic biogas stoves — Specification, **First Edition**
74. **KS 2521:2014** Kenya Standard — Domestic biogas lamps — Specification, **First Edition**

#### CIVIL ENGINEERING STANDARDS

75. **KS 573: 2014** Kenya Standard — High yield steel bars for the Reinforcement of concrete — Specification, **Fourth Edition**
76. **KS 104:2014** Kenya Standard — Specification for cold rolled steel sections, **Third Edition**
77. **KS 574:2014** Kenya Standard — Steel fabric for reinforcement of concrete — Specification, **Fourth Edition**
78. **KS ISO 6934-1:1991** Kenya Standard — Steel for the pre-stressing of concrete - Part 1: General requirements, **Second Edition**.

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79. **KS ISO 6934-5:1991** Kenya Standard — Steel for the pre-stressing of concrete - Part 5: Hot-rolled steel bars with or without subsequent processing, **Second Edition**
80. **KS 22:2014** Kenya Standard — Specification for hot-rolled mild steel bars for reinforcement of concrete, **Second Edition**

### FOOD AND AGRICULTURE DEPARTMENT

81. **KS EAS 772:2012** Kenya Standard — Dried sweet potato chips — Specification, **First Edition**
82. **KS ISO 9233-1:2007** Kenya Standard — Cheese, cheese rind and processed cheese — Determination of natamycin content Part 1: Molecular absorption spectrometric method for cheese rind, **First Edition**
83. **KS 227-2:2014** Kenya Standard — Cashew kernels — Specification Part 2: Roasted cashew kernels, **Third Edition**
84. **KS 868:2014** Kenya Standard — Macadamia kernels — Specification, **Third Edition**
85. **KS 938:2014** Kenya Standard — Mixed nut kernels, **Third Edition**
86. **KS ISO/TR 12591:2013** Kenya Standard — White tea — Definition, **First Edition**
87. **KS ISO 11132:2012** Kenya Standard — Sensory analysis methodology — Guideline for monitoring performance of a qualitative sensory panel, **First Edition**
88. **KS ISO 11056:1999 Amendment 1:2013** Kenya Standard — Sensory analysis methodology — Magnitude estimation method, **First Edition**
89. **KS ISO 8586:2012** Kenya Standard — Sensory analysis — General guidelines for the selection, training and monitoring of selected assessors and expert sensory assessors, **First Edition**
90. **KS ISO 8587: 2006 Ammd 1:2006** Kenya Standard — Sensory analysis methodology — Ranking, **First Edition**
91. **KS ISO 8589: 2007 Ammd 1:2013** Kenya Standard — Sensory analysis — General guidance for the design of test rooms, **First Edition**
92. **KS ISO 5495:2005 Cor 1:2006** Kenya Standard — Sensory analysis Methodology — Paired comparison, **First Edition**

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93. **KS 2543:2014** Kenya Standard — The animal feed industry — Code of practice, **First Edition**

### SERVICES STANDARDS

94. **KS 2574:2014** Kenya Standard — Guidelines for emergency medical dispatch, **First Edition**
95. **KNWA 2473:2014** Kenya Standard — Coco peat — Specification, **First Edition**
96. **KS ISO 22397:2014** Kenya Standard — Societal security — Guidelines for establishing partnering arrangements, **First Edition**
97. **KS ISO 22311:2012** Kenya Standard — Societal security — Guidelines for establishing partnering arrangements, **First Edition**
98. **KS ISO 10637:1999** Kenya Standard — Dental equipment — High- and medium-volume suction systems, **First Edition**
99. **KS ISO/TS 22595-1:2006** Kenya Standard — Dentistry — Plant area equipment Part 1: Suction systems, **First Edition**
100. **KS ISO/TS 22595-2:2008** Kenya Standard — Dentistry — Plant area equipment Part 2: Compressor systems, **First Edition**
101. **KS ISO 14044:2006** Kenya Standard — Environmental management — Life cycle assessment — Requirements and guidelines, **First Edition**
102. **KS ISO/TS 14048:2002** Kenya Standard — Environmental management — Life cycle assessments — Data documentation format, **First Edition**
103. **KS ISO/TR 14047:2012** Kenya Standard — Environmental management — Life cycle assessment — Illustrative examples on how to apply ISO 14044 to impact assessment situations, **First Edition**
104. **KS ISO/TR 4049:2009** Kenya Standard — Environmental management — Life cycle assessment — Illustrative examples on how to apply ISO 14044 to goal and scope definition and inventory analysis, **First Edition**
105. **ISO 14066:2011** Kenya Standard — Greenhouse gases — Competence requirements for greenhouse gas validation teams and verification teams, **First Edition**



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106. **KS ISO/TS 14033:2012** Kenya Standard — Environmental management — Quantitative environmental information — Guidelines and examples, **First Edition**

### MECHANICAL ENGINEERING STANDARDS

107. **KS ISO 21138-1:2007** Kenya Standard — Plastics piping systems for non-pressure underground drainage and sewerage — Structured-wall piping systems of unplasticized poly(vinyl chloride) (PVC-U), polypropylene (PP) and polyethylene (PE) Part 1: Material specifications and performance criteria for pipes, fittings and system, **First Edition**
108. **KS ISO 21138-2:2007** Kenya Standard — Plastics piping systems for non-pressure underground drainage and sewerage — Structured-wall piping systems of unplasticized poly(vinyl chloride) (PVC-U), polypropylene (PP) and polyethylene (PE) Part 2: Pipes and fittings with smooth external surface, Type A, **First Edition**
109. **KS ISO 21138-3:2007** Kenya Standard — Plastics piping systems for non-pressure underground drainage and sewerage — Structured-wall piping systems of unplasticized poly(vinyl chloride) (PVC-U), polypropylene (PP) and polyethylene (PE) Part 3: Pipes and fittings with non-smooth external surface, Type B, **First Edition**
110. **KS ISO 15875-1:2003** Kenya Standard — Plastics piping systems for hot and cold water installations — Crosslinked polyethylene (PE-X) Part 1: General, **First Edition**
111. **KS ISO 15875-2:2003** Kenya Standard — Plastics piping systems for hot and cold water installations — Crosslinked polyethylene (PE-X) Part 2: Pipes, **First Edition**
112. **KS ISO 15875-3:2003** Kenya Standard — Plastics piping systems for hot and cold water installations — Crosslinked polyethylene (PE-X) Part 3: Fittings, **First Edition**
113. **KS ISO 15875-5:2003** Kenya Standard — Plastics piping systems for hot and cold water installations — Crosslinked polyethylene (PE-X) Part 4: Fitness for the purpose of the system, **First Edition**
114. **KS ISO 11199-1:1999** Kenya Standard — Walking aids manipulated by both arms — Requirements and test methods Part 1: Walking frames, **First Edition**
115. **KS ISO 11199-3:1999** Kenya Standard — Walking aids manipulated by both arms — Requirements and test methods Part 3: Walking tables, **First Edition**

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116. **KS ISO 11199-4:1999** Kenya Standard — Walking aids manipulated by both arms — Requirements and test methods Part 4: Walking sticks with three or more legs, **First Edition**
117. **KS ISO 23600:2012** Kenya Standard — Assistive products for persons with vision impairments and persons with vision and hearing impairments — Acoustic and tactile signals for pedestrian traffic lights, **First Edition**
118. **KS ISO 23599:2012** Kenya Standard — Assistive products for blind and vision impaired persons — Tactile walking surface indicators, **First Edition**

#### COMPANY STANDARDS

#### NATIONAL POLICE SERVICE STANDARDS

119. **KS DF 110:2014** National Police Service Standard — Jungle boot for use by the National Police Service — Specification
120. **KS DF 111:2014** National Police Service Standard — Leather footwear for use by the National Police Service — Specification
121. **KS DF 112:2014** National Police Service Standard — Leather riding boot for use by the National Police Service — Specification