

Certificate of Accreditation

Aaditech Test and Calibration Lab

Plot No.-5, Block-R, Kh. No. 38/16, Street No. 4, Rama Vihar, Village Karala, New Delhi-110081, India

has been assessed and accredited in accordance with the Standard ISO/IEC 17025:2017

"General Requirements for the Competence of Testing and Calibration Laboratories"

In the field of

Testing

This certificate remains valid for the Scope of Accreditation as specified in the annexure subject to continued compliance to the above standard & any other requirements specified by QAI.



QAI/CLA/TL/2023/0017

Valid from: 24 July 2023

Valid until: 23 July 2025

Dr. Bhupendra Kumar Rana

Chief Executive Officer

Prof. Vikram KumarChair, CLA





Scope of Accreditation

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QAI/CLA/TL/2023/0017

Valid from: 24 July 2023 Valid until: 23 July 2025

Accreditation Standard: ISO/IEC 17025:2017

| | Electrical Testing | | | |
|--------|--|---|---|--|
| Sl.No. | Product(s)/Material of Test | Specific Tests Performed | Test Method | |
| | Cables & wires | | | |
| 1. | Elastomer insulated Cables for working voltages up to and including 1100 V | Ageing in air bomb- Elongation at break | IS 9968 (Part-1) (Cl. 21.1(b):1988, IS 6380 (Cl. 4.1(Table-2,3)1984, IS 10810 (Part-56): 1987 | |
| 2. | Elastomer insulated Cables for working voltages up to and including 1100 V | Ageing in air bomb- Tensile Strength | IS 9968 (Part-1) (Cl. 21.1(b):1988, IS 6380 (Cl. 4.1(Table-2,3)1984, IS 10810 (Part-56): 1987 | |
| 3. | Elastomer insulated Cables for working voltages up to and including 1100 V | Ageing in air oven- Elongation at break | IS 9968(Pt-1) (Cl. 21.1(b):1988, IS 6380 (Cl. 4.1(Table-2,3) 1984, IS 10810 (Part-11): 1984 | |
| 4. | Elastomer insulated Cables for working voltages up to and including 1100 V | Ageing in air oven- Tensile strength | IS 9968(Pt-1) (Cl. 21.1(b):1988 IS 6380 (Cl.4.1 (Table-2,3) 1984, IS 10810 (Part-11): 1984 | |
| 5. | Elastomer insulated Cables for working voltages up to and including 1100 V | Ageing in oxygen bomb- Elongation at break | IS 9968(Pt-1) (Cl. 21.1(d) :1988 IS 6380 (Cl.4.1(Table-2,3) 1984, IS 10810 (Part-16): 1984 | |
| 6. | Elastomer insulated Cables for working voltages up to and including 1100 V | Annealing test for Copper Conductor | IS 9968(Pt-1) (Cl. 21.1 & Cl.3):1988 IS 8130 (Cl. 7.1.2.1,7.2.3) IS10810 (Part- 2): 1984 | |
| 7. | Elastomer insulated Cables for working voltages up to and including 1100 V | Conductor resistance | IS 9968(Pt-1) (Cl. 21.1(d) :1988 IS 6380 (Cl. 4.1 (Table- 2,3)1984 IS 10810 (Part-5):1984 | |
| 8. | Elastomer insulated Cables for working voltages up to and including 1100 V | Cord Flexing test | IS 9968(Pt-1) (Cl. 21.4 22.4): 1988 | |
| 9. | Elastomer insulated Cables for working voltages up to and including 1100 V | Elongation at break of insulation / sheath | IS 9968(Pt-1) (Cl. 21.1(a):1988 IS 6380 (Cl.4.1) (Table-2,3)1984, IS 10810 (Part-7): 1984 | |

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| | Cables & wires | | |
| 10. | Elastomer insulated Cables for working voltages up to and including 1100 V | Flammability test | IS 9968(Pt-1) (Cl.21.1 & Cl. 22.3) :1988 IS 10810 (Part- 53): 1984 |
| 11. | Elastomer insulated Cables for working voltages up to and including 1100 V | High voltage Test (Water Immersion) | IS 9968(Pt-1) (Cl. 21.1 & Cl. 22.2) :1988 IS 10810 (Part-45): 1984 |
| 12. | Elastomer insulated Cables for working voltages up to and including 1100 V | Hot Set Test | IS 9968(Pt-1) (Cl. 21.1(e) & Cl. 4.1(Table-1) 1988 IS 10810(Part-30): 1984 |
| 13. | Elastomer insulated Cables for working voltages up to and including 1100 V | Insulation resistance | IS 9968(Pt-1) (Cl. 21.1) :1988 IS 6380 (Cl. 4.1(Table-2) IS 10810 (Part-43): 1984 |
| 14. | Elastomer insulated Cables for working voltages up to and including 1100 V | Oil resistance- Elongation | IS 9968(Pt-1) (Cl. 21.1(f) :1988 IS 6380 (Cl. 4.1(Table-2,3) 1984, IS 10810 (Part-31): 1984 |
| 15. | Elastomer insulated Cables for working voltages up to and including 1100 V | Oil resistance Tensile Strength | IS 9968(Pt-1) (Cl. 21.1(f) :1988 IS 6380 (Cl.4.1(Table-2,3) 1984, IS 10810 (Part.31): 1984 |
| 16. | Elastomer insulated Cables for working voltages up to and including 1100 V | Persulphate test (for tinned Copper Conductor) | IS 9968(Pt-1) (Cl. 21.1 & Cl.3):1988 IS 8130 (Cl. 7.1.1) IS 10810(Part-4): 1984 |
| 17. | Elastomer insulated Cables for working voltages up to and including 1100 V | Tensile strength for Aluminium Conductor | IS 9968(Pt-1) (Cl. 21.1, Cl.3):1988 IS 8130 (Cl.7.2.1a&b) IS 10810 (Part-2): 1984 |
| 18. | Elastomer insulated Cables for working voltages up to and including 1100 V | Tensile strength of insulation / sheath | IS 9968(Pt-1) Cl. 21.1(a) :1988 IS 6380 (Cl.4.1) (Table-2,3)1984, IS 10810 (Part-7): 1984 |



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| | Cables & wires | | | |
| | Elastomer insulated Cables for | Thickness of Insulation and | IS 9968(Pt-1) (Cl.21.1, & Cl.12,19) | |
| 19. | working voltages up to and | Sheath and Overall dimensions | (Table-1 to 10) :1988 | |
| | including 1100 Vs | Sheath and Overall annensions | IS 10810 (Part-6):1984 | |
| | Elastomer insulated Cables for | Water absorption test | IS 9968(Pt-1) (Cl. 21.1) 1988, | |
| 20. | working voltages up to and | (Electrical) | IS 6380 (Cl. 4.1) (Table-2) :1984 | |
| | including 1100 V | (2.000.100.1) | IS 10810 (Part-28):1984 | |
| | Elastomer insulated Cables for | Wrapping test for Aluminium | IS 9968(Pt-1) (Cl. 21.1, Cl.3) :1988 | |
| 21. | working voltages up to and | Conductor | IS 8130 (Cl.7.2.2)2013, | |
| | including 1100 V | | IS10810(Part-3): 1984 | |
| 22 | Insulated Cables for working | Tanancistana | IS 9968(Pt-1) (Cl. 21.1(g) :1988 | |
| 22. | voltages up to and including | Tear resistance | IS 6380 (Cl4.1) (Table-3)1984 | |
| | | | IS 10810 (Part-17): 1984 | |
| | Polyvinyl Chloride Insulated Unsheathed and Sheathed | | | |
| | Cables/Cords with Rigid and | Additional ageing test (for OU | | |
| 23. | Flexible Conductor for Rated | cable only) | IS 694 (Cl.10.9): 2010 | |
| | Voltages Up to And Including | cable only) | | |
| | 1100 V | | | |
| | Polyvinyl Chloride Insulated | | | |
| | Unsheathed and Sheathed | | IS 694 (Table-1, i).c). d),3) (Cl. | |
| 2.4 | Cables/Cords with Rigid and | | 5.4,8.4):2010 | |
| 24. | Flexible Conductor for Rated | Ageing in air oven- Elongation | IS 5831(Table-1) 1984 | |
| | Voltages Up to And Including | | IS 10810 (Part-11): 1984 | |
| | 1100 V | | | |
| | Polyvinyl Chloride Insulated | | IS 694 (Table-1, i).c). d),3) (Cl. | |
| 25. | Unsheathed and Sheathed | Ageing in air oven- Tensile | 5.4,8.4):2010 | |
| ۷۵. | Cables/Cords with Rigid and | Strength | IS 5831 (Table-1) 1984 | |
| | Flexible Conductor for Rated | | IS 10810 (Part-11): 1984 | |



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| | Cables & wires | | | |
| | Voltages Up To And Including | | | |
| | 1100 V | | | |
| | Polyvinyl Chloride Insulated | | | |
| | Unsheathed and Sheathed | | IS 694 Table-1) C 2 | |
| 26. | Cables/Cords with Rigid and | Loss of Mass | IS 10810 (Part 10): 1984 | |
| | Flexible Conductor For Rated | 2000 01 111000 | IS 5831 (Table -1) V: 1984 | |
| | Voltages Up To And Including | | | |
| | 1100 V | | | |
| | Polyvinyl Chloride Insulated | | | |
| | Unsheathed and Sheathed | | IS 694 (Table-1, i). a).1) (Cl. | |
| 27. | Cables/Cords with Rigid And | Annealing test for Copper | 4.1):2010 | |
| | Flexible Conductor For Rated | Conductor | IS 8130 (Cl. 7.1.2.1,7.2.3) 2013 | |
| | Voltages Up To And Including | | IS 10810 (Part-1): 1984 | |
| | 1100 V | | | |
| | Polyvinyl Chloride Insulated | | IS COA (Table 1 :) a) d) 0) 13) | |
| | Unsheathed and Sheathed | | IS 694 (Table-1, i).c).d),8),12) | |
| 28. | Cables/Cords With Rigid And Flexible Conductor For Rated | Cold Bend Test | (Cl.5.4,8.4):2010 IS 5831 (Table-1)1984 | |
| | Voltages Up To And Including | | IS 10810 (Part-20): 1984 | |
| | 1100 V | | 13 10810 (Part-20). 1984 | |
| | Polyvinyl Chloride Insulated | | | |
| | Unsheathed and Sheathed | | IS 694 (Table-1, i).c). d),13),9) (Cl. | |
| | Cables/Cords With Rigid And | | 5.4,8.4):2010 | |
| 29. | Flexible Conductor For Rated | Cold Impact Test | IS 5831 (Table-1)1984 | |
| | Voltages Up To And Including | | IS 10810 (Part-21): 1984 | |
| | 1100 V | | 10 10010 (1 010 21). 150 1 | |
| | Polyvinyl Chloride Insulated | | IS 694 (Table-1, i). a).4) | |
| 30. | Unsheathed and Sheathed | Conductor resistance | (Cl.4.2):2010 | |
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| | Cables & wires | | | |
| | Cables/Cords With Rigid And Flexible Conductor For Rated Voltages Up To And Including 1100 V | | IS 8130 (Cl. 7.3)2013 IS 10810 (Part-5): 1984 | |
| 31. | Polyvinyl Chloride Insulated Unsheathed and Sheathed Cables/Cords With Rigid And Flexible Conductor For Rated Voltages Up To And Including 1100 V | Elongation at break of insulation / sheath | IS 694 (Table-1, i).c).d).1) (Cl. 5.4,8.4):2010 IS 5831 (Table-1)2013 IS 10810 (Part-7): 1984 | |
| 32. | Polyvinyl Chloride Insulated Unsheathed and Sheathed Cables/Cords With Rigid And Flexible Conductor For Rated Voltages Up To And Including 1100 V | Flammability test | IS 694 (Table-1, i).c).10) (Cl.10.4):2010 IS 10810 (Part-53: 1984 | |
| 33. | Polyvinyl Chloride Insulated Unsheathed and Sheathed Cables/Cords With Rigid And Flexible Conductor For Rated Voltages Up To And Including 1100 V | Halogen Acid Gas | IS 694 (Table-1, i).c).d).10),13) (Cl. 10.6):2010 IS 10810 (Part-59): 1988 | |
| 34. | Polyvinyl Chloride Insulated Unsheathed and Sheathed Cables/Cords With Rigid And Flexible Conductor For Rated Voltages Up To And Including 1100 V | Heat shock test | IS 694 (Table-1, i). d).5),6) (Cl. 8.4):2010 IS 5831 (Table 1)1984, IS 10810(Part-14): 1984 | |



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| | Cables & wires | | | |
| 35. | Polyvinyl Chloride Insulated Unsheathed and Sheathed Cables/Cords With Rigid And Flexible Conductor For Rated Voltages Up To And Including 1100 V | High voltage Test (AC) Water immersion | IS 694 (Table-1, i). e).1),3) (Cl. 10.1):2010 IS 10810 (Part-45): 1984 | |
| 36. | Polyvinyl Chloride Insulated Unsheathed and Sheathed Cables/Cords With Rigid And Flexible Conductor For Rated Voltages Up To And Including 1100 V | High voltage Test (AC) Room Temperature | IS 694 (Table-1, i). e).1),3) (Cl. 10.2):2010 IS 10810 (Part-45): 1984 | |
| 37. | Polyvinyl Chloride Insulated Unsheathed and Sheathed Cables/Cords With Rigid And Flexible Conductor For Rated Voltages Up To And Including 1100 V | High voltage Test (DC) Water immersion | IS 694 (Table-1, i). e).1)3) (Cl. 10.1):2010 IS 10810 (Part-45): 1984 | |
| 38. | Polyvinyl Chloride Insulated Unsheathed and Sheathed Cables/Cords With Rigid And Flexible Conductor For Rated Voltages Up To And Including 1100 V | Hot deformation test | IS 694 (Table-1, i).c), d).6) (Cl. 5.4,8.4):2010 IS 5831 (Table-1,2)1984 IS 10810 (Part 15): 1984 | |
| 39. | Polyvinyl Chloride Insulated Unsheathed and Sheathed Cables/Cords With Rigid And Flexible Conductor For Rated | Insulation resistance | IS 694 (Table-1, i). e).2) (Cl.5.4, 8.4):2010 IS 5831 (Table-1): 1984 IS 10810 (Part-43): 1984 | |



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| | Cables & wires | | | |
| | Voltages Up To And Including 1100 V | | | |
| 40. | Polyvinyl Chloride Insulated Unsheathed and Sheathed Cables/Cords With Rigid And Flexible Conductor For Rated Voltages Up To And Including 1100 V | Overall dimensions and Thickness of Insulation / Sheath | IS 694 (Table-1, i). b) (Cl. 5.3, 8.3, 9,16.1.2,16.1.3, 17.1.2,17.1.3,18.1.2, 18.1.4, 18.1.5,18.1.6, 19.1.3,19.1.5, 19.1.6,19.1.7,20.1.2, 20.1.4, 20.1.5,21.1.2,22.1.2,22.1.4), (Table-3, 4, 5, 6,7,9,10):2010 IS 10810 (Part-6): 1984 | |
| 41. | Polyvinyl Chloride Insulated Unsheathed and Sheathed Cables/Cords With Rigid And Flexible Conductor For Rated Voltages Up To And Including 1100 V | Oxygen Index Test | IS 694 (Table-1, i).c). d),8),11) (Cl. 10.5):2010 IS 10810 (Part-58): 1998 | |
| 42. | Polyvinyl Chloride Insulated Unsheathed and Sheathed Cables/Cords With Rigid And Flexible Conductor For Rated Voltages Up To And Including 1100 V | Oxygen Index Test | IS 694 (Table-1, i).c). d),8),11) (Cl.10.5):2010 ASTMD 2863-09: 1995 | |
| 43. | Polyvinyl Chloride Insulated Unsheathed and Sheathed Cables/Cords With Rigid And Flexible Conductor For Rated Voltages Up To And Including 1100 V | Persulphate test (For tinned Copper Conductor) | IS 694 (Table-1, i).a).5) (Cl.10.11):2010 IS 8130 (Cl.7.1.1) 2013 IS 10810 (Part-4): 1984 | |



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| | Cables & wires | | | |
| 44. | Polyvinyl Chloride Insulated Unsheathed and Sheathed Cables/Cords With Rigid And Flexible Conductor For Rated Voltages Up To And Including 1100 V | Shrinkage test | IS 694 (Table-1, i).c).d),4) (Cl.5.4,8.4):2010 IS 5831 (Table-1) 1984 IS 10810 (Pt12): 1984 | |
| 45. | Polyvinyl Chloride Insulated Unsheathed and Sheathed Cables/Cords With Rigid And Flexible Conductor For Rated Voltages Up To And Including 1100 V | Smoke Density | IS 694 (Table 1, i).c). d).11),14) (Cl.10.8):2010 IS 13360 (Part 6/sec 9): 2001 | |
| 46. | Polyvinyl Chloride Insulated Unsheathed and Sheathed Cables/Cords With Rigid And Flexible Conductor For Rated Voltages Up To And Including 1100 V | Smoke Density | IS 694 (Table-1, i).c).d).11),14) (Cl.10.8):2010 ASTMD 2843: 1999 | |
| 47. | Polyvinyl Chloride Insulated Unsheathed and Sheathed Cables/Cords With Rigid And Flexible Conductor For Rated Voltages Up To And Including 1100 V | Temperature Index Test | IS 694 (Table-1, i).c). d),9),12) (Cl. 10.7):2010 IS 10810 (Part -64): 2003 | |
| 48. | Polyvinyl Chloride Insulated Unsheathed and Sheathed Cables/Cords With Rigid And Flexible Conductor For Rated | Temperature Index Test | IS 694 (Table-1, i).c). d),9),12) (Cl.10.7):2010 ASTM D 2863- 09: 1995 | |



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| | Voltages Up To And Including | | |
| | 1100 V | | |
| | Polyvinyl Chloride Insulated | | |
| | Unsheathed and Sheathed | | IS 694 (Table-1, i). a).4) |
| 49. | Cables/Cords With Rigid And | Tensile strength for Aluminium | (Cl.4.2):2010 |
| 75. | Flexible Conductor For Rated | Conductor | IS 8130 (Cl. 7.3): 2013 |
| | Voltages Up To And Including | | IS 10810(Part-5): 1984 |
| | 1100 V | | |
| | Polyvinyl Chloride Insulated | | |
| | Unshea <mark>th</mark> ed and Sheathed | | IS 694 (Table-1, i).c). d).1) (Cl. |
| 50. | Cables <mark>/</mark> Cords With Rigid And | Tensile strength of insulation / | 5.4,8.4):2010 |
| 30. | Flexible Conductor For Rated | sheath | IS 5831 (Table-1): 1984 |
| | Voltages Up To And Including | | IS 10810 (Part-7): 1984 |
| | 1100 V | | |
| | Polyvinyl Chloride Insulated | | |
| | Unsheathed and Sheathed | | IS 694 (Table-1, i).c). d),7) (Cl. |
| 51. | Cables/Cords With Rigid And | Thermal Stability | 5.4,8.4):2010 |
| | Flexible Conductor For Rated | The state of the s | IS 5831 (Table-1) 1984 |
| | Voltages Up To And Including | | IS 10810 (Part-60): 1988 |
| | 1100 V | | |
| | Polyvinyl Chloride Insulated | | |
| | Unsheathed and Sheathed | | IS 694 (Table-1, i). e).2) |
| 52. | Cables/Cords With Rigid And | Volume Resistivity | (Cl.5.4,8.4):2010 |
| | Flexible Conductor For Rated | Totaling Headerstop | IS 5831 (Table-1): 1984 |
| | Voltages Up To And Including | | IS 10810 (Part-43): 1984 |
| | 1100 V | | |
| 53. | Polyvinyl Chloride Insulated | Wrapping test for Aluminium | IS 694 (Table-1, i). a).3) |
| | Unsheathed and Sheathed | Conductor | (Cl.4.1)2010, |



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| | Cables/Cords With Rigid And | | IS 8130 (Cl. 7.2.2)2013, | |
| | Flexible Conductor For Rated | | IS 10810 (Part-3): 1984 | |
| | Voltages Up To And Including | | | |
| | 1100 V | | | |
| 54. | PVC Insulated Cable upto1100 | Copper Purity | IS 191: 2007 | |
| 54. | volts | Copper runty | IS 440:1964 | |
| 55. | PVC Insulated Cable upto 1100 | Lead Test | IS 191: 2007 | |
| 33. | volts | Lead lest | IS 440:1964 | |
| 56. | PVC Insu <mark>lated</mark> Cable upto1100 | Oxygen Test | IS 191: 2007 | |
| 50. | volts | Oxygen rest | IS 440:1964 | |
| 57. | PVC In <mark>s</mark> ulated Cable upto1100 | Bismuth Test | IS 191: 2007 | |
| 57. | volts | DISTRICTI TEST | IS 440:1964 | |
| | Crosslinked polyethylene | Ageing in air oven- Elongation | IS 7098 (Part-1) (Cl. 15.1(d), (e)- I & | |
| 58. | insulated PVC sheathed cables | | Cl.4.1, (table-1,2) 1988 | |
| | part 1 for working voltages up to | | IS 10810 (Part-11): 1984 | |
| | and including 1100 volts | | | |
| | Crosslinked polyethylene | | IS 7098 (Part-1) (Cl. 15.1(d), (e)- I & | |
| 59. | insulated PVC sheathed cables | Ageing in air oven- Tensile | Cl.4.1, (table-1,2) 1988 | |
| | part 1 for working voltages up to | Strength | IS 10810 (Part-11): 1984 | |
| | and including 1100 volts | | | |
| | Crosslinked polyethylene | Appealing test for Corner | IS 7098 (Part-1) (Cl. 15.1(a)-i) 1988 | |
| 60. | insulated PVC sheathed cables | Annealing test for Copper Conductor | IS 8130 (Cl. 7.1.2.1,7.2.3)2013 | |
| | part 1 for working voltages up to | Conductor | IS 10810 (Part-1): 1984 | |
| | and including 1100 volts | | IS 7009 (Part 1) (Cl 1E 1/b) 9. | |
| | Crosslinked polyethylene insulated PVC sheathed cables | Armour | IS 7098 (Part-1) (Cl.15.1(b) & Cl.13.6(g) 1988 | |
| 61. | part 1 for working voltages up to | Resistance Test | IS 3975 (Cl. 8.4)1999 | |
| | and including 1100 volts | Nesistatice lest | IS 10810 (Part- 42): 1984 | |
| | and including 1100 voits | | 13 10010 (Fail- 42). 1304 | |



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| | Cables & wires | | | |
| | | | | |
| 62. | Crosslinked polyethylene insulated PVC sheathed cables part 1 for working voltages up to and including 1100 volts | Cold Bend Test | IS 7098 (Part-1) (Cl.15.4(a) 1988 IS 5831 (Cl. 4.1, (Table-2) 1984 IS 10810 (Part-20): 1984 | |
| 63. | Crosslinked polyethylene insulated PVC sheathed cables part 1 for working voltages up to and including 1100 volts | Cold Impact Test | IS 7098 (Part-1) (Cl. 15.4(b) of IS 5831(Cl. 4.1, (Table-2) IS 10810 (Part-21): 1984 | |
| 64. | Crosslinked polyethylene insulated PVC sheathed cables part 1 for working voltages up to and including 1100 volts | Conductor resistance | IS 7098 (Part-1) (Cl. 15.1(a)- iv) 1988 IS 8130 (Cl.7.3(Table-1,2) 2013 IS 10810 (Part-5): 1984 | |
| 65. | Crosslinked polyethylene insulated PVC sheathed cables part 1 for working voltages up to and including 1100 volts | Dimension for armouring material | IS 7098 (Part-1) (Cl.15.1(b) Cl.13.6(a), (b) IS 3975 (Cl.7) 1988 IS 10810 (Part-36): 1984 | |
| 66. | Crosslinked polyethylene insulated PVC sheathed cables part 1 for working voltages up to and including 1100 volts | Elongation at break of armouring material | IS 7098 (Part-1) (Cl. 15.1(b) Cl.13.6(a), (b) 1988 IS 10810 (Part-37):1984 | |
| 67. | Crosslinked polyethylene insulated PVC sheathed cables part 1 for working voltages up to and including 1100 volts | Elongation at break of insulation & sheath | IS 7098 (Part-1) (Cl. 15.1(d), (e)-i Cl.4.1 (table-1,2) 1988 IS 10810 (Part-7): 1984 | |
| 68. | Crosslinked polyethylene insulated PVC sheathed cables | Flame retardance test on bunched cables | IS 7098 (Part-1) (Cl. 15.1.1(C1)-c Cl.16.6) 1988 IS 10810 | |



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| | Cables & wires | | | |
| | part 1 for working voltages up to | | (Part -62): 1993 | |
| | and including 1100 volts | | | |
| | Crosslinked polyethylene | | IS 7098 (Part-1) (Cl. 15.1.1(C1)-b, | |
| 69. | insulated PVC sheathed cables | Flame Retardance Test on Single | Cl.16.5) 1988 | |
| 05. | part 1 for working voltages up to | Cable | IS 10810 (Pt61): 1988 | |
| | and including 1100 volts | | 13 10010 (1 (01): 1300 | |
| | Crosslinked polyethylene | | IS 7098 (Part-1) (Cl. 15.1(h) Cl.16.3) | |
| 70. | insulated P <mark>VC she</mark> athed cables | Flammability test | 1988 | |
| , 0. | part 1 for working voltages up to | Training mey cest | IS 10810 (Part-53): 1984 | |
| | and inc <mark>lu</mark> ding 1100 volts | | 10 10010 (i. di. 000). 100 i | |
| | Crossl <mark>in</mark> ked polyethylene | Halogen Acid Gas | IS 7098 (Part-1) (Cl. | |
| 71. | insulated PVC sheathed cables | | 15.1.1(C2)-& Cl.16.13, 16.8), 1988 IS 10810 (Part-59) 1988 | |
| | part 1 for working voltages up to | | | |
| | and including 1100 volts | | ` , | |
| | Crosslinked polyethylene | | IS 7098 (Part-1) (Cl. 15.1(e)-vi 1988 | |
| 72. | insulated PVC sheathed cables | Heat shock test | IS 5831(Cl.4.1(Table-2) 1984 | |
| | part 1 for working voltages up to | | IS 10810 (Part-14): 1984 | |
| | and including 1100 volts | | , , | |
| | Crosslinked polyethylene | | IS 7098 (Part-1) (Cl. 15.1(g) & Cl. | |
| 73. | insulated PVC sheathed cables | High voltage Test | 16.2) 1988 | |
| | part 1 for working voltages up to | | IS 10810 (Part-45): 1984 | |
| | and including 1100 volts | | · · · · · · · · · · · · · · · · · · · | |
| | Crosslinked polyethylene | | IS 7098 (Part-1) (Cl. 15.1(e)-v1988 | |
| 74. | insulated PVC sheathed cables | Hot deformation test | IS 5831 (Cl. 4.1) (Table 2) 1984 | |
| | part 1 for working voltages up to | | IS 10810 (Part-15): 1984 | |
| | and including 1100 volts | Incordation registers of Malares | IC 7000 (Dowt 1) (Cl | |
| 75. | Crosslinked polyethylene | Insulation resistance (Volume | IS 7098 (Part-1) (Cl. | |
| | insulated PVC sheathed cables | Resistivity) | 15.1(f) Cl.4.1(table- 1)1988 | |





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| | Cables & wires | | | |
| | part 1 for working voltages up to | | IS 10810 (Part-43):1984 | |
| | and including 1100 volts | | | |
| 76. | Crosslinked polyethylene insulated PVC sheathed cables | Loss of mass test | IS 7098 (Part-1) (Cl. 15.1(e)-I IS 5831 (Cl. 4.1) (Table- 2) | |
| 70. | part 1 for working voltages up to and including 1100 volts | Loss of mass test | IS 10810 (Part-10): 1984 | |
| 77. | Crosslinked polyethylene insulated PVC sheathed cables part 1 for working voltages up to and including 1100 volts | Mass of Zinc coating | IS 7098 (Part-1) (Cl. 15.1(b) Cl.13.6 (f) 1988 IS 3975 (Cl.9.1)1999 IS 10810 (Part-41): 1984 | |
| 78. | Crosslinked polyethylene insulated PVC sheathed cables part 1 for working voltages up to and including 1100 volts | Oxygen Index Test | IS 7098 (Part-1) (Cl. 15.1.1(C1)-a Cl.16.4)1988 IS 10810 (Part-58): 1998 | |
| 79. | Crosslinked polyethylene insulated PVC sheathed cables part 1 for working voltages up to and including 1100 volts | Oxygen Index Test | IS 7098 (Part-1) (Cl.15.1.1(C1)-a & Cl.16.4)1988 ASTM D 2863-9: 1995 | |
| 80. | Crosslinked polyethylene insulated PVC sheathed cables part 1 for working voltages up to and including 1100 volts | Resistivity & Conductance test of Armour (Wires/strips) | IS 7098 (Part-1) (Cl.15.1(b) & Cl.13.6(g)1988 IS 3975 (Cl.8.4) 1999 IS 10810 (Part- 42): 1984 | |
| 81. | Crosslinked polyethylene insulated PVC sheathed cables part 1 for working voltages up to and including 1100 volts | Shrinkage test | IS 7098 (Part-1) (Cl. 15.1(d), (e)-iv, vi & Cl.4.1(Table-1,2) 1988 IS 10810(Part-12): 1984 | |
| 82. | Crosslinked polyethylene insulated PVC sheathed cables | Smoke Density | IS 7098 (Part-1) (Cl. 15.1.1(C2)-e Cl.16.10)1988 | |



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| | Cables & wires | | | |
| | part 1 for working voltages up to and including 1100 volts | | ASTM D 2843: 1999 | |
| 83. | Crosslinked polyethylene insulated PVC sheathed cables part 1 for working voltages up to and including 1100 volts | Temperature Index Test | IS 7098 (Part-1) (Cl.15.1.1(C2)-g Cl.16.9) 1988 IS 10810 (Part-64): 2003 | |
| 84. | Crosslinked polyethylene insulated PVC sheathed cables part 1 for working voltages up to and including 1100 volts | Temperature Index Test | IS 7098 (Part-1) (Cl. 15.1.1(C2)-g Cl.16.9) 1988 ASTM D 2863-09: 1995 | |
| 85. | Crosslinked polyethylene insulated PVC sheathed cables part 1 for working voltages up to and including 1100 volts | Tensile strength for Aluminium Conductor | IS 7098 (Part-1) (Cl. 15.1(a)- i) 1988 IS 8130 (Cl.7.2.1) 2013 IS 10810 (Part-2): 1984 | |
| 86. | Crosslinked polyethylene insulated PVC sheathed cables part 1 for working voltages up to and including 1100 volts | Tensile strength of armouring material | IS 7098 (Part-1) (Cl. 15.1(b) Cl.13.6(a), (b)1988 IS 10810 (Part-37):1984 | |
| 87. | Crosslinked polyethylene insulated PVC sheathed cables part 1 for working voltages up to and including 1100 volts | Tensile strength of insulation & sheath | IS 7098 (Part-1) (Cl. 15.1(d), (e)-I 1988 IS 5831(Cl.4.1(table-1,2) 1984 IS 10810 (Part-7): 1984 | |
| 88. | Crosslinked polyethylene insulated PVC sheathed cables part 1 for working voltages up to and including 1100 volts | Thermal Stability | IS 7098 (Part-1) (Cl. 15.1(e)-vi 1988 IS 5831 (Cl.4.1(Table-2) 1984 IS 10810(Part-60): 1988 | |



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| | Cables & wires | | | |
| 89. | Crosslinked polyethylene insulated PVC sheathed cables part 1 for working voltages up to and including 1100 volts | Thickness of Insulation & Sheath | IS 7098 (Part-1) (Cl.15.1(C) & Cl.9.2,12.3, 14.3.1) (Table-3,5,8) 1988 IS 10810 (Part-6): 1984 | |
| 90. | Crosslinked polyethylene insulated PVC sheathed cables part 1 for working voltages up to and including 1100 volts | Torsion test on Galvanized steel wire for armouring | IS 7098 (Part-1) (Cl. 15.1(b) Cl. 13.6(c) 1988 IS 3975 (Cl.8.2 of Table 6)1999 IS 10810 (Part-38):1984 | |
| 91. | Crosslinked polyethylene insulated PVC sheathed cables part 1 for working voltages up to and including 1100 volts | Uniformity of Zinc coating | IS 7098 (Part-1) (Cl.15.1(b) & Cl.13.6(e) 1988 IS 3975 (Cl.9.2) 1999 IS 10810 (Part- 40): 1984 | |
| 92. | Crosslinked polyethylene insulated PVC sheathed cables part 1 for working voltages up to and including 1100 volts | Water Absorption (Gravimetric) | IS 7098 (Part-1) (Cl.15.1(d)-v & Cl.4.1(Table-1) 1988 IS 10810 (Part-33): 1984 | |
| 93. | Crosslinked polyethylene insulated PVC sheathed cables part 1 for working voltages up to and including 1100 volts | Winding test on Galvanized steel strips for armouring | IS 7098 (Part-1) (Cl. 15.1(b) & Cl. 13.6(d) 1988 IS 10810 (Part-39): 1984 | |
| 94. | Crosslinked polyethylene insulated PVC sheathed cables part 1 for working voltages up to and including 1100 volts | Wrapping test for Aluminium Conductor | IS 7098 (Part-1) (Cl. 15.1(a)- i)1988 IS 8130(Cl.7.2.2) 2013 IS 10810 (Part-3): 1984 | |
| 95. | PVC Insulated (Heavy Duty) Electric Cables for working | Ageing in air oven Elongation insulation & sheath | IS 1554 (Part-1) (Cl. 15.1(d)-2 1988 IS 5831(Cl. 4.1 (table 1,2) 1984 IS10810 (Part-11): 1984 | |



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| | Cables & wires | | | |
| | voltages up to and including | | | |
| | 1100 V | | | |
| | PVC Insulated (Heavy Duty) | | IS 1554(Part-1) (Cl. 15.1(d)-21988 IS | |
| 96. | Electric Cables for working | Ageing in air oven Tensile | 5831 (Cl.4.1(table-1,2) 1984 | |
| | voltages up to and including | strength insulation & sheath | IS 10810 (Part-11): 1984 | |
| | 1100 V | | , , | |
| | PVC Insulated (Heavy Duty) | Appealing toot for Council | IS 1554 (Part-1) (Cl. 15.1(a)-1):1988 | |
| 97. | Electric Cables for working voltages up to and including | Annealing test for Copper Conductor | IS8130 (Cl.7.1.2.1)2013 | |
| | 1100 V | Conductor | IS10810 (Part-1): 1984 | |
| | PVC Insulated (Heavy Duty) | | IS 1554 (Part-1) (Cl. 15.1(b) &13.6 | |
| | Electric Cables for working | | (g) 1988 | |
| 98. | voltages up to and including | Armour Resistance Test | IS3975 (Cl.8.4) 1999 | |
| | 1100 V | | IS10810 (Part-42): 1984 | |
| | PVC Insulated (Heavy Duty) | | IS 4554 (Part 4) (C) 45 4 (a) 4000 | |
| 99. | Electric Cables for working | Cold Bend Test | IS 1554 (Part-1) (Cl. 15.4 (a)1988 | |
| 99. | voltages up to and including | Cold Bella Test | IS 5831(Cl.4.1) (Table-1,2) 1984 IS 10810 (Part-20):1984 | |
| | 1100 V | | 10810 (Part-20).1984 | |
| | PVC Insulated (Heavy Duty) | | IS 1554 (Part-1) (Cl. 15.4(b) 1988 | |
| 100. | Electric Cables for working | Cold Impact Test | IS 5831 (Cl.4.1) (Table-1,2)1984 | |
| 100. | voltages up to and including | Cold Impact rest | IS 10810 (Part-21): 1984 | |
| | 1100 V | | , , , , | |
| | PVC Insulated (Heavy Duty) | | IS 1554 (Part-1) (Cl. 15.1(a)-4)1988 | |
| 101. | Electric Cables for working | Conductor resistance | IS 8130 (Cl.7.3) ((Table-1,2)2013 IS | |
| | voltages up to and including 1100 V | | 10810 (Part-5):1984 | |
| | PVC Insulated (Heavy Duty) | Dimension for armouring | IS 1554 (Part-1) (Cl.15.1 b) 1988 | |
| 102. | Electric Cables for working | material | IS 3975 (Cl.7 of Table 3 & 4):1999 | |
| | Liectific Capies for Working | IIIateilai | 13 3373 (Cl.7 Of Table 3 & 4).1999 | |



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| | Cables & wires | | | |
| | voltages up to and including | | IS 10810 (Part-36):1984 | |
| | 1100 V | | | |
| | PVC Insulated (Heavy Duty) | | IS 1554 (Part-1) (Cl. 15.1(b)& | |
| 103. | Electric Cables for working | Elongation at break of | Cl.13.6(a), (b): 1988 | |
| | voltages up to and including | armouring material | IS 10810 (Part-37): 1984 | |
| | 1100 V | | , | |
| | PVC Insulated (Heavy Duty) | | IS 1554 (Part-1) (Cl. 15.1(d)-1 1988 | |
| 104. | Electric Cables for working | Elongation at break of insulation & sheath | IS 5831 (Cl.4.1 (table-1,2) 1984 | |
| | voltages up to and including | & sneath | IS 10810 (Part-7): 1984 | |
| | PVC Insulated (Heavy Duty) | | | |
| | Electric Cables for working | Flame retardance test on | IS 1554 (Part-1) (Cl. 15.1.1 (C1) & | |
| 105. | voltages up to and including | bunched cables | Cl.16.7) 1988 | |
| | 1100 V | bulletied edules | IS 10810 (Part -62):1984 | |
| | PVC Insulated (Heavy Duty) | | IS 1554 (Part-1) (Cl.15.1.1 (C1) & Cl. | |
| 100 | Electric Cables for working | Flame retardance test on | 16.7) 1988 | |
| 106. | voltages up to and including | bunched cables | | |
| | 1100 V | | | |
| | PVC Insulated (Heavy Duty) | | | |
| 107. | Electric Cables for working | Flame Retardance Test on Single | IS 1554 (Part-1) (Cl. 15.1.1 (C1) & | |
| 107. | voltages up to and including | Cable | (Cl.16.7) IS 10810 (Part -62): 1984 | |
| | 1100 V | | | |
| | PVC Insulated (Heavy Duty) | | IS 1554 (Part-1) (Cl. 15.1(h) & 16.4 | |
| 108. | Electric Cables for working | Flammability test | 1988 | |
| | voltages up to and including | | IS10810 (Part-53): 1984 | |
| | 1100 V | | , , | |
| 109. | PVC Insulated (Heavy Duty) | Halogen Acid Gas | IS 1554 (Part-1) (Cl.15.1.1 (C2) & | |
| | Electric Cables for working | | Cl.16.9) 1988 | |



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| | Cables & wires | | |
| | voltages up to and including | | IS 10810 (Part-59): 1988 |
| | 1100 V | | |
| | PVC Insulated (Heavy Duty) | | IS 1554 (Part-1) (Cl. 15.1(d)-6 1988 |
| 110. | Electric Cables for working | Heat shock test | IS 5831 (Cl.4.1(Table-1,2) 1984 |
| | voltages up to and including | Treat shock test | IS10810 (Part-14): 1984 |
| | 1100 V | | 151615 (Fare 11): 1561 |
| | PVC Insulated (Heavy Duty) | | IS 1554 (Part-1) (Cl.15.1(f) & 16.3 |
| 111. | Electric Cables for working | High voltage Test (AC) water | 1988 |
| | voltages up to and including | immersion | IS10810 (Part 45):1984 |
| | 1100 V | | |
| | PVC Insulated (Heavy Duty) | Little allows Tool (AC) Boxes | IS 1554 (Part-1) (Cl.15.1(f) & 16.2 |
| 112. | Electric Cables for working | High voltage Test (AC) Room | 1988 |
| | voltages up to and including 1100 V | Temperature | IS10810 (Part 45):1984 |
| | PVC Insulated (Heavy Duty) | | |
| | Electric Cables for working | High voltage Test (DC) | IS 1554 (Part-1) Cl. 15.1(f) & |
| 113. | voltages up to and including | Water Immersion | 16.3:1988 |
| | 1100 V | water ininiersion | IS10810 (Part-45): 1984 |
| | PVC Insulated (Heavy Duty) | | |
| | Electric Cables for working | | IS 1554 (Part-1) (Cl. 15.1(d)-4 1988 |
| 114. | voltages up to and including | Hot deformation test | IS5831 (Cl. 4.1(Table1,2):1984 |
| | 1100 V | | IS 10810(Part-15): 1984 |
| | PVC Insulated (Heavy Duty) | | IS 4554 (Down 4) (C) 45 4(a) 4000 IS |
| 115 | Electric Cables for working | Inculation registers as construct | IS 1554 (Part-1) (Cl. 15.1(e) 1988 IS |
| 115. | voltages up to and including | Insulation resistance constant | 5831 (Cl.4.1 (table-1) 1984 |
| | 1100 V | | IS 10810 (Part-43): 1984 |
| 116. | PVC Insulated (Heavy Duty) | Loss of mass test | IS 1554 (Part-1) (Cl. 15.1(d)-5 |
| 110. | Electric Cables for working | LOSS OF MASS LEST | IS 5831 (Cl.4.1 (table-1,2) |



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| | voltages up to and including | | IS 10810 (Part-10): 1984 | |
| | 1100 V | | | |
| | PVC Insulated (Heavy Duty) | | IS 1554 (Part-1) (Cl. 15.1(b) & | |
| 117. | Electric Cables for working | Mass of Zinc coating | 13.6(f) 1988 | |
| | voltages up to and including | Wass of Zine coating | IS 3975 (Cl.9.1):1999, | |
| | 1100 V | | IS 10810 (Part-41): 1984 | |
| | PVC Insulated (Heavy Duty) | | IS 1554 (Part-1) (Cl.15.1.1 (C1, C2) | |
| 118. | Electric Cables for working | Oxygen Index Test | & Cl.16.5:1988 | |
| | voltages up to and including | 5.7,85.1.1.1.1.1 | IS 10810 (Part-58): 1998 | |
| | 1100 V | | | |
| | PVC Insulated (Heavy Duty) | Oxygen Index Test | IS 1554 (Part-1) (Cl. | |
| 119. | Electric Cables for working | | 15.1.1 (C1, C2) & (Cl. 16.5) 1988 | |
| | voltages up to and including | . • | (ASTM D2863-09: 1995 | |
| | 1100 V | | IC 1554 (Down 1) (CL 15 1/b) 0 | |
| | PVC Insulated (Heavy Duty) | Posistivity & Conductores tost | IS 1554 (Part-1) (Cl. 15.1(b) & | |
| 120. | Electric Cables for working | Resistivity & Conductance test | 13.6(g) 1988 | |
| | voltages up to and including | of Armour (Wires/strips) | IS3975 (Cl. 8.4):1999 | |
| | PVC Insulated (Heavy Duty) | | IS 10810 (Part-42): 1984 | |
| | Electric Cables for working | Shrinkage test of Insulation & | IS 1554 (Part-1) (Cl.15.1(d)-3 1988 | |
| 121. | voltages up to and including | Sheath | IS 5831(Cl. 4.1 (Table 1,2)1984 | |
| | 1100 V | Sileatii | IS 10810 (Part-12): 1984 | |
| | PVC Insulated (Heavy Duty) | | | |
| | Electric Cables for working | | IS 1554 (Part-1) (Cl.15.1.1 (C2) 1988 | |
| 122. | voltages up to and including | Smoke Density | IS 10810(Part-63):1993 | |
| | 1100 V | | = 55-5(. 5 55).1555 | |
| | PVC Insulated (Heavy Duty) | 1 | IS 1554 (Part-1) (Cl. 15.1.1 (C1, C2) | |
| 123. | Electric Cables for working | Temperature Index Test | & Cl.16.10) 1988 | |
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| | voltages up to and including | | IS 10810 (Part -64): 2003 | |
| | 1100 V | | | |
| | PVC Insulated (Heavy Duty) | | IS 1554 (Part-1) (Cl. 15.1.1 (C1, C2) | |
| 124. | Electric Cables for working | Temperature Index Test | &Cl.16.10) 1988 ASTM D2863-09: | |
| 124. | voltages up to and including | Temperature mack rest | 1995 | |
| | 1100 V | | 1555 | |
| | PVC Insulated (Heavy Duty) | | IS 1554 (Part-1) (Cl.15.1(d)-1:1988 | |
| 125. | Electric Cab <mark>les fo</mark> r working | Tensile strength & insulation & | IS 5831(Cl. 4.1(table-1,2) 1984 | |
| 123. | voltages up to and including | sheath | IS 10810 (Part-7): 1984 | |
| | 1100 V | | 15 16016 (Fare 7): 156 F | |
| | PVC In <mark>s</mark> ulated (Heavy Duty) | | IS 1554 (Part-1) (Cl. 15.1(a)-2):1988 | |
| 126. | Electric Cables for working | Tensile strength for Aluminium | IS8130 (Cl.7.2.1) 2003 | |
| | voltages up to and including | Conductor | IS10810 (Part-2): 1984 | |
| | 1100 V | | | |
| | PVC Insulated (Heavy Duty) | | IS 1554 (Part- 1) (Cl. 15.1(b) | |
| 127. | Electric Cables for working | Tensile strength of armouring | Cl.13.6(a), (b): 1988 | |
| | voltages up to and including | material | IS 10810 (Part-37): 1984 | |
| | 1100 V | | ` ' | |
| | PVC Insulated (Heavy Duty) | | IS 1554 (Part-1) (Cl. 15.1(d)-71988 | |
| 128. | Electric Cables for working | Thermal Stability | IS 5831 (Cl.4.1(Table-1,2) 1984 | |
| | voltages up to and including | | IS 10810 (Pat-60): 1988 | |
| | 1100 V | | 15 4 5 5 4 / D . + 4) / Cl. 4 5 4 / C) 0 Cl | |
| | PVC Insulated (Heavy Duty) | | IS 1554 (Part-1) (Cl. 15.1(C) & Cl. | |
| 129. | Electric Cables for working | Thickness of Insulation & Sheath | 9.2,9.3, 12.3, 14.4.1, (Table-2,4,7) | |
| | voltages up to and including 1100 V | | 1988 | |
| | | Torsian tast on Caluminad start | IS 10810 (Part-6): 1984 | |
| 130. | PVC Insulated (Heavy Duty) | Torsion test on Galvanized steel | IS 1554 (Part-1) (Cl. 15.1(b) & | |
| | Electric Cables for working | wire for armouring | 13.6(c):1988 | |



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| | Cables & wires | | | |
| | voltages up to and including 1100 V | | IS 3975 (Cl.8.2of Table 6):1999 IS10810 (Part-38): 1984 | |
| 131. | PVC Insulated (Heavy Duty) Electric Cables for working voltages up to and including 1100 V | Uniformity of Zinc coating | IS 1554 (Part-1) (Cl. 15.1(b) & 13.6(e) 1988 IS 3975 (Cl. 9.2): 1999 IS10810 (Part-40): 1984 | |
| 132. | PVC Insulated (Heavy Duty) Electric Cables for working voltages up to and including 1100 V | Volume Resistivity | IS 1554 (Part-1) (Cl. 15.1(e) 1988 IS 5831(Cl. 4.1(table-1) 1984 IS 10810 (Part-43): 1984 | |
| 133. | PVC Insulated (Heavy Duty) Electric Cables for working voltages up to and including 1100 V | Winding test on Galvanized steel strips for armouring | IS 1554 (Part-1) (Cl. 15.1(b) & 13.6 (d) :1988 IS 10810 (Part-39): 1984 | |
| 134. | PVC Insulated (Heavy Duty) Electric Cables for working voltages up to and including 1100 V | Wrapping test for Aluminium Conductor | IS 1554 (Part-1) (Cl.15.1(a)-3):1988 IS 8130 (Cl.7.2.2) 2003 IS 10810 (Part 3): 1984 | |
| 135. | Welding Cables | Ageing in air bomb- Elongation at break | IS 9857 (Cl.10.1. c.3):1990 IS 6380 (Cl.4.1) (Table-2,3) 1984 IS 10810 (Part- 56): 1987 | |
| 136. | Welding Cables | Ageing in air bomb- Tensile strength | IS 9857 (Cl. 10.1.c.3):1990 IS 6380 (Cl.4.1) (Table-2,3) 1984 IS 10810 (Part 56): 1987 | |
| 137. | Welding Cables | Ageing in air oven- Elongation at break | IS 9857 (Cl. 10.1.c.2):1990 IS 6380 (Cl. 4.1(Table-2,3) 1984 IS 10810 (Part-11): 1984 | |



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| | Cables & wires | | | |
| 138. | Welding Cables | Ageing in air oven- Tensile strength | IS 9857 (Cl. 10.1.c.2):1990 IS 6380 (Cl. 4) (Table- 2,3) 1984 IS 10810 (Part-11): 1984 | |
| 139. | Welding Cables | Annealing test | IS 9857 (Cl. 10.1.a.1 & Cl.7):1990 IS 8130(Cl.7.1.2, 7.2.3) 2003 IS 10810(Part-1): 1984 | |
| 140. | Welding Cables | Conductor resistance | IS 9857 (Cl. 10.1.a.2):1990 IS 8130 (Cl. 7.3(Table-3,4,5) 2003 IS 10810 (Part-5): 1984 | |
| 141. | Welding Cables | Elongation at break | IS 9857 (Cl. 10.1.c.1):1990 IS 6380 (Cl. 4. (Table-2)1984 IS 10810 (Part-7): 1984 | |
| 142. | Welding Cables | Flammability test | IS 9857 (Cl. 10.1.f & Cl. 11.4):1990 IS10810 (Part-53): 1984 | |
| 143. | Welding Cables | High voltage Test (Water Immersion) | IS 9857 (Cl. 10.1.d & Cl.11.1) 1990 IS 10810 (Part-45): 1984 | |
| 144. | Welding Cables | Hot Set Test | IS 9857 (Cl. 10.1.c.5):1990 IS 6380 (Cl. 4.1(Table-3) 1984 IS 10810 (Part-30): 1984 | |
| 145. | Welding Cables | Oil resistance- Elongation at break | IS 9857 (Cl.10.1. c.4):1990 IS 6380 (Cl. 4.1) (Table-2)1984 IS 10810 (Part-31): 1984 | |
| 146. | Welding Cables | Oil resistance- Tensile strength | IS 9857 (Cl.10.1. c.4):1990 IS 6380 (Cl.4.1) (Table-2) 1984 IS 10810 (Part-31): 1984 | |
| 147. | Welding Cables | Static flexibility test | IS 9857 (Cl. 10.1.e, Cl.11.3):1990 IS 10810(Part-54): 1984 | |
| 148. | Welding Cables | Tensile strength | IS 9857 (Cl. 10.1.c.1):1990 | |



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| | Cables & wires | | | |
| | | | IS 6380 (Cl.4.1 (Table-2) 1984 IS 10810 (Part-7): 1984 | |
| 149. | Welding Cables | Thickness of Covering | IS 9857 (Cl. 10.1.b, Cl.9.2 (Table-1) :1990 IS 10810 (Part-6):1984 | |
| 150. | Halogen Free Flame Retardant (HFFR) cables for working voltage up to and including 1.1 kV. | Conductor resistance | IS 17048:2018 IS 10810 (Pt 5):1984 | |
| 151. | Halogen Free Flame Retardant (HFFR) cables for working voltage up to and including 1.1 kV. | Conductor resistance | IS 17048:2018 IS 10810 (Pt 5):1984 | |
| 152. | Halogen Free Flame Retardant (HFFR) cables for working voltage up to and including 1.1 kV. | Annealing test for Copper Conductor | IS 17048:2018 IS 10810 (Pt 1):1984 | |
| 153. | Halogen Free Flame Retardant (HFFR) cables for working voltage up to and including 1.1 kV. | Persulphate test for tinned copper | IS 17048:2018 IS 10810 (Pt -4) :1984 | |
| 154. | Halogen Free Flame Retardant (HFFR) cables for working voltage up to and including 1.1 kV. | Tensile strength for Aluminium Conductor | IS 17048:2018 IS 10810 (Pt 2):1984 | |
| 155. | Halogen Free Flame Retardant (HFFR) cables for | Wrapping test for Aluminium Conductor | IS 17048:2018 IS 10810 (Pt 3):1984 | |



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| | Cables & wires | | | |
| | working voltage up to and | | | |
| | including 1.1 kV. | | | |
| | Halogen Free Flame Retardant | | IS 17048:2018 | |
| 156. | (HFFR) cables for | Test for Overall Dimensions and | IS 10810 (Pt 6):1984 | |
| 130. | working voltage up to and | Thickness of Insulation & Sheath | 13 10010 (1 (0).130 1 | |
| | including 1.1 kV. | | | |
| | Halogen Free Flame Retardant | | IS 17048:2018 | |
| 157. | (HFFR) cables for | Tensile strength of insulation | IS 10810 (Pt 7):1984 | |
| | working voltage up to and | before and after ageing | | |
| | including 1.1 kV. | | | |
| | Halogen Free Flame Retardant | | IS 17048:2018 | |
| 158. | (HFFR) cables for working voltage up to and | Elongation at break of insulation | IS 10810 (Pt 7):1984 | |
| | including 1.1 kV. | before and after ageing | | |
| | Halogen Free Flame Retardant | | | |
| | (HFFR) cables for | | IS 17048:2018 | |
| 159. | working voltage up to and | High voltage Test (AC) | IS 10810 (Pt 45):1984 | |
| | including 1.1 kV. | | | |
| | Halogen Free Flame Retardant | | | |
| 4.60 | (HFFR) cables for | | IS 17048:2018 | |
| 160. | working voltage up to and | Insulation resistance | IS 10810 (Pt 43):1984 | |
| | including 1.1 kV. | | | |
| | Halogen Free Flame Retardant | | IS 17048:2018 | |
| 161. | (HFFR) cables for | Oxygen Index Test | IS 1046.2016 IS 10810 (Pt 58):1998 | |
| 101. | working voltage up to and | Oxygen muex lest | ASTM D 2863-09 | |
| | including 1.1 kV. | | A311VI D 2003-03 | |
| 162. | Halogen Free Flame Retardant | Temperature Index Test | IS 17048:2018 | |
| 102. | (HFFR) cables for | | IS 10810 (Pt -64) :2003 | |



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| | Cables & wires | | | | |
| | working voltage up to and | | | | |
| | including 1.1 kV. | | | | |
| | Halogen Free Flame Retardant | | | | |
| 163. | (HFFR) cables for | Ageing in air oven | IS 17048:2018 | | |
| 105. | working voltage up to and | Agenig in an oven | IS 10810 (Pt 11):1984 | | |
| | including 1.1 kV. | | | | |
| | Halogen Free Flame Retardant | | | | |
| 164. | (HFFR) cabl <mark>es for</mark> | Ageing in air oven | IS 17048:2018 | | |
| | working voltage up to and | | IS 10810 (Pt 11):1984 | | |
| | including 1.1 kV. | | | | |
| | Halogen Free Flame Retardant | | | | |
| 165. | (HFFR) cables for | Hot Deformation | IS 17048:2018 | | |
| | working voltage up to and | | IS 10810 (Pt 15):1984 | | |
| | including 1.1 kV. | | | | |
| | Halogen Free Flame Retardant | Caldianas de Taul | 15 4 70 40 2040 | | |
| 166. | (HFFR) cables for | Cold Impact Test | IS 17048:2018 | | |
| | working voltage up to and | | IS 10810 (Pt 21):1984 | | |
| | including 1.1 kV. | | | | |
| | Halogen Free Flame Retardant (HFFR) cables for | | IS 17048:2018 | | |
| 167. | working voltage up to and | Hot Set Test | IS 10810 (Pt 30):1984 | | |
| | including 1.1 kV. | | | | |
| | Halogen Free Flame Retardant | | | | |
| | (HFFR) cables for | | IS 17048:2018 | | |
| 168. | working voltage up to and | Ozone resistance test | IS 10810 (Pt.13):1984 | | |
| | including 1.1 kV. | | | | |
| | Halogen Free Flame Retardant | | | | |
| 169. | (HFFR) cables for | Flame Retardant Test | IS 17048:2018 | | |
| | (, cables for | | | | |



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| | Cables & wires | | | |
| | working voltage up to and including 1.1 kV. | | IS 10810 (Pt 61) :1988 | |
| | Halogen Free Flame Retardant (HFFR) cables for | Tensile strength of sheath | IS 17048:2018 | |
| 170. | working voltage up to and including 1.1 kV. | before and after ageing | IS 10810 (Pt 7):1984 | |
| 171. | Halogen Free Flame Retardant (HFFR) cables for working voltage up to and including 1.1 kV. | Elongation at break of sheath before and after ageing | IS 17048:2018 IS 10810 (Pt 7):1984 | |
| 172. | Halogen Free Flame Retardant (HFFR) cables for working voltage up to and including 1.1 kV. | Flammability test | IS 17048:2018 IS: 10810 (Pt 53):1984 | |
| 173. | Halogen Free Flame Retardant (HFFR) cables for working voltage up to and including 1.1 kV. | Cold Bend Test | IS 17048:2018 IS 10810 (Pt 20):1984 | |
| 174. | Halogen Free Flame Retardant (HFFR) cables for working voltage up to and including 1.1 kV. | Water Immersion test (Effect of water on sheath of cable) Tensile Strength | IS 17048:2018 IS 10810 (Pt 7):1984 Cl.5.13 Annex B | |
| 175. | Halogen Free Flame Retardant (HFFR) cables for working voltage up to and including 1.1 kV. | Smoke Density | IS 17048:2018 IS 10810 (Pt 63):1993 | |



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| | Cables & wires | | | |
| 176. | Bunched Cables- For working voltage up to and including | Tensile strength Phase / Street light Conductor | IS 14255 (Cl.10.1(a)-I):1995 IS 8130 (Cl.7.2.1)2013 | |
| | 1100V | | IS 10810 (Part2):1984 | |
| 177. | Bunched Cables- For working voltage up to and including 1100V | Wrapping test | IS 14255 (Cl.10.1(a)-i):1995 IS 8130 (Cl.7.2.2) 2003 IS 10810 (Part3):1984 | |
| 178. | Bunched Cables- For working voltage up to and including 1100V | Conductor resistance | IS 14255 (Cl.10.1(a) I):1995 IS 8130 (Cl. 7.3(Table-1,2)2013 IS 10810 (Part-5):1984 | |
| 179. | Bunched Cables- For working voltage up to and including 1100V | Test on Messenger Conductor Breaking Load | IS 14255 (Cl. 10.1(b)-i& Cl.6.5) (table-3):1995 | |
| 180. | Bunched Cables- For working voltage up to and including 1100V | Elongation test on messenger conductor | IS 14255 (Cl.10.1(b)-l & Cl.11.3) (table-3):1995 | |
| 181. | Bunched Cables- For working voltage up to and including 1100V | Conductor resistance on Messenger Conductor | IS 14255 (Cl.10.1(a)- I 1995 IS 8130 (Cl. 7.3) (Table-1,2)2003 IS 10810 (Part-5):1984 | |
| 182. | Bunched Cables- For working voltage up to and including 1100V | Tensile strength of XLPE insulation | IS 14255 (Cl.10.1(c)-I & Cl.5.1 (Table-1,2) IS 10810 (Part-7):1984 | |
| 183. | Bunched Cables- For working voltage up to and including 1100V | Elongation at break of XLPE insulation | IS 14255 (Cl.10.1(c)-I & Cl.5.1 (Table-1,2) 1995 IS 10810 (Part-7):1984 | |
| 184. | Bunched Cables- For working voltage up to and including 1100V | Ageing in air oven-Tensile Strength | IS 14255 (Cl.10.1(c)-I & Cl.5.1 (Table-1)1995 IS 10810 (Part-1):1984 | |



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| | Cables & wires | | | |
| | Bunched Cables- For working | | IS 14255 (Cl.10.1(c)-I & Cl.5.1 | |
| 185. | voltage up to and including | Ageing in air oven-Elongation | (Table-1)1995 | |
| | 1100V | | IS 10810 (Part-1):1984 | |
| | Bunched Cables- For working | | Is 14255 (Cl.10.1(c)-I & Cl.5.1, | |
| 186. | voltage up to and including | Hot Set Test | (Table-1)1995 | |
| | 1100V | | IS 10810 (Part-30):1984 | |
| | Bunched Cables- For working | | IS 14255 (Cl. 10.1(c)-iv & Cl. 5.1, | |
| 187. | voltage up to and including | Shrinkage test | (Table-1):1995 | |
| | 1100V | | IS 10810 (Part-12):1984 | |
| | Bunched Cables- For working | | IS 14255 (Cl.10.1(c)-v & Cl.5.1, | |
| 188. | voltag <mark>e</mark> up to and including | Water Absorption (Gravimetric) | (Table-1) 1995 | |
| | 11 <mark>00V</mark> . | | IS 10810 (Part-33):1984 | |
| | Bunched Cables- For working | | IS 14255 (Cl. 10.1(c)-vi & Cl. 5.1 | |
| 189. | voltage up to and including | Carbon black test-Content | (Table-1,2) 1995 | |
| | 1100V | | IS 10810 (Part32):1984 | |
| | Bunched Cables- For working | | IS 14255 (Cl.10.1(c)-vi & Cl.5.1 | |
| 190. | voltage up to and including | Carbon black test-Content PE | (Table-1,2)1995 | |
| 150. | 1100V | insulation | IS 10810(P-32)1984 | |
| | | | | |
| | Bunched Cables- For working | Physical test for PE | IS 14255 (Cl. 10.1(d)-I & Cl. 5.1 | |
| 191. | voltage up to and including | insulation | (Table-1,2) 1995 | |
| | 1100V | Tensile strength | IS 10810(Part-7):1984 | |
| | Bunched Cables- For working | Physical test for PE insulation | IS 14255 (Cl. 10.1(d)-I & Cl. 5.1 | |
| 192. | voltage up to and including | elongation at break | (Table-1,2)1995 | |
| | 1100V | 2 2 5 | IS 10810 (Part-7):1984 | |
| | Bunched Cables- For working | | IS 14255 (Cl.10.1(d) (i) &Cl.5.1, | |
| 193. | voltage up to and including | Melt flow index PE insulation | Table2 | |
| | 1100V | | IS 10810 (Part-23):1984 | |





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| | Cables & wires | | | |
| 194. | Bunched Cables- For working voltage up to and including 1100V | Vicat softening point PE insulation | IS 14255 (Cl.10.1(d)(iv) &Cl.5.1, Table2 1995 IS10810(Part-22):1984 | |
| 195. | Bunched Cables- For working voltage up to and including 1100V | Environmental stress cracking | IS 14255 (Cl.10.1(d). (v)&Cl.5.1, Table2 1995 IS10810(Part-29):1984 | |
| 196. | Bunched Cables- For working voltage up to and including 1100V | Thickness of Insulation | IS 14255 Cl.10.1(e) Cl.7.2(Table-4) 1995 IS 10810 (Part-6):1984 | |
| 197. | Bunched Cables- For working voltage up to and including 1100V | Insulation resistance (Volume Resistivity) | IS 14255 (Cl. 10.1(f) & Cl. 5.1(Table- 1,2)1995 IS 10810 (Part-43):1984 | |
| 198. | Bunched Cables- For working voltage up to and including 1100V | High voltage Test | IS 14255 (Cl.10.1(g) & Cl.11.2:1995 IS10810 (Part-45):1984 | |
| 199. | Bunched Cables- For working voltage up to and including 1100V | Bending test | IS 14255 (Cl.10.4,11.4 IS10810 (Part-50):1984 | |



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| | Wiring & Accessories | | | |
| 1. | Specification for conduits for electrical installations | Bending Test | IS 9537 (Part 3) (Cl.9.2): 1983 | |
| 2. | Specification for conduits for electrical installations | Classification | IS 9537 (Part 3) (Cl.5): 1983 | |
| 3. | Specification for conduits for electrical installations | Collapse Test | IS 9537 (Part 3) (9.5): 1983 & IS 9537 (Part 1): 1980 | |
| 4. | Specification for conduits for electrical installations | Compression test | IS 9537 (Part 3) (Cl.9.3): 1983 IS 9537(Part 1) (Cl. 9.5):1980 | |
| 5. | Specification for conduits for electrical installations | Construction | IS 9537 (Part 3) (Cl.8):1983 & IS 9537 (Part-1): 1980 | |
| 6. | Specification for conduits for electrical installations | Dimensions | IS 9537 (Part 3) (Cl.7, 7.1, 7.2 & 7.3):1983 | |
| 7. | Specification for conduits for electrical installations | Durability of Marking | IS 9537 (Part 3) (Cl.6.2): 1983 & IS 9537 (Part 1) (Cl. 6.4): 1980 | |
| 8. | Specification for conduits for electrical installations | Electrical Characteristics | IS 9537 (Part 3) (Cl.12): 1983 & IS 9537 (Part-1) (Cl.12.1.1): 1980 | |
| 9. | Spec <mark>ification</mark> for conduits for electrical installations | Impact Test | IS 9537 (Part 3) (Cl. 9.4): 1983 IS 9537 (Part 1): 1980 | |
| 10. | Specification for conduits for electrical installations | Insulation Resistance in conduit | IS 9537 (Part 3) (Cl.12.1.2): 1983 & IS 9537 (Part-1): 1980 | |
| 11. | Specification for conduits for electrical installations | Marking | IS 9537 (Part 3) (Cl.6): 1983 & IS 9537 (Part 1): 1980 | |
| 12. | Specification for conduits for electrical installations | Mechanical Properties | IS 9537 (Part 3) (Cl.9): 1983 | |
| 13. | Specification for conduits for electrical installations | Resistance to burning | IS 9537 (Part 3) (Cl.10): 1983 | |



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| 14. | Specification for conduits for electrical installations | Resistance to heat | IS 9537 (Part 3) (Cl.10): 1983 | |
| 15. | Specification for conduits for electrical installations | Uniformity of the Wall Thickness | IS 9537 (Part 3) (Cl.7.4): 1983 | |
| 16. | Switch & Socket- outlets (Non- Interlock Type) | Breaking capacity | IS 15787 (Cl.20):2008 &IS 1293 (Cl.20): 2019 | |
| 17. | Switch & Socket- outlets (Non- Interlock Type) | Checking of Dimensions | IS 15787 (Cl.9): 2008 & IS 1293 (Cl.9):2019 | |
| 18. | Switch & Socket- outlets (Non- Interlock Type) | Construction of Plug and portable socket outlet | IS 15787 (Cl.14):2008 & IS 1293 (Cl.14): 2019 | |
| 19. | Switch & Socket- outlets (Non- Interlock Type) | Constructional Requirement of Fixed socket outlet | IS 15787 (Cl.13):2008 & IS 1293 (Cl.13): 2019 | |
| 20. | Switch & Socket- outlets (Non- Interlock Type) | Creepage Distances, Clearances and Distances Through Sealing Compound | IS 15787 (Cl.27):2008 & IS 1293 (Cl.27): 2019 | |
| 21. | Switch & Socket- outlets (Non- Interlock Type) | Flexible cable and their connection | IS 15787 (Cl.23):2008 & IS 1293 (Cl.23): 2019 | |
| 22. | Switch & Socket- outlets (Non- Interlock Type) | Force necessary to with draw the plug | IS 15787 (Cl.22):2008 & IS 1293 (Cl.22): 2019 | |
| 23. | Switch & Socket- outlets (Non- Interlock Type) | Insulation resistance and electric strength | IS 15787 (Cl.17):2008 & IS 1293 (Cl.17): 2019 | |
| 24. | Switch & Socket- outlets (Non- Interlock Type) | Marking | IS 15787 (Cl.8): 2008 & IS 1293 (Cl.8):2019 | |
| 25. | Switch & Socket- outlets (Non- Interlock Type) | Mechanical strength | IS 15787 (Cl.24):2008 & IS 1293 (Cl.24): 2019 | |
| 26. | Switch & Socket- outlets (Non- Interlock Type) | Normal operation | IS 15787 (Cl.21):2008 & IS 1293 (Cl.21): 2019 | |



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| 27. | Switch & Socket- outlets (Non- Interlock Type) | Operation of Earthing contacts | IS 15787 (Cl.18):2008 & IS 1293 (Cl.18): 2019 | |
| 28. | Switch & Socket- outlets (Non- Interlock Type) | Protection against electric shock | IS 15787 (Cl.10):2008 & IS 1293 (Cl.10): 2019 | |
| 29. | Switch & Socket- outlets (Non- Interlock Type) | Provision For Earthing | IS 15787 (Cl.11):2008 & IS 1293 (Cl.11): 2019 | |
| 30. | Switch & Socket- outlets (Non- Interlock Type) | Resistance of Insulating Material to Abnormal Heat, to Fire and to Tracking | IS 15787 (Cl.28):2008 & IS 1293 (Cl.28): 2019 | |
| 31. | Switch & Socket- outlets (Non- Interlock Type) | Resistance to Ageing, To harmful ingress of water and to humidity | IS 15787 (Cl.16):2008 & IS 1293 (Cl.16): 2019 | |
| 32. | Switch & Socket- outlets (Non- Interlock Type) | Resistance to Heat | IS 15787 (Cl.25):2008 & IS 1293 (Cl.25): 2019 | |
| 33. | Switch & Socket- outlets (Non- Interlock Type) | Resistance to Rusting | IS 15787 (Cl.29):2008 & IS 1293 (Cl.29): 2019 | |
| 34. | Switch & Socket- outlets (Non- Interlock Type) | Screws current carrying parts & connection | IS 15787 (Cl.26):2008 & IS 1293 (Cl.26): 2019 | |
| 35. | Switch & Socket- outlets (Non- Interlock Type) | Temperature Rise | IS 15787 (Cl.19):2008 & IS 1293 (Cl.19): 2019 | |
| 36. | Switch & Socket- outlets (Non- Interlock Type) | Terminals | IS 15787 (Cl.12):2008 & IS 1293 (Cl.12): 2019 | |
| 37. | Plugs and Socket- Outlets for Household and Similar Purposes of Rated Voltage up to and Including 250 V and Rated Current up to and Including 16 A | Additional Test on pins provided with insulating sleeves | IS 1293 (Cl. 30): 2019 | |



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| | Wiring & Accessories | | | |
| 38. | Plugs and Socket- Outlets for Household and Similar Purposes of Rated Voltage up to and Including 250 V and Rated Current up to and Including 16 A | Additional Test on pins provided with insulating sleeves | IS 1293 (Cl. 30): 2005 | |
| 39. | Plugs and Socket- Outlets for Household and Similar Purposes of Rated Voltage up to and Including 250 V and Rated Current up to and Including 16 A | Checking of Dimensions | IS:1293 (Cl.9): 2005 | |
| 40. | Plugs and Socket- Outlets for Household and Similar Purposes of Rated Voltage up to and Including 250 V and Rated Current up to and Including 16 A | Checking of Dimensions | IS:1293 (Cl.9): 2019 | |
| 41. | Plugs and Socket- Outlets for Household and Similar Purposes of Rated Voltage up to and Including 250 V and Rated Current up to and Including 16 A | Classification | IS:1293 (CI:7): 2019 | |
| 42. | Plugs and Socket- Outlets for Household and Similar Purposes of Rated Voltage up to and Including 250 V and Rated Current up to and Including 16 A | Classification | IS:1293 (Cl:7): 2005 | |
| 43. | Plugs and Socket- Outlets for Household and Similar Purposes of Rated Voltage up to and | Construction of Plug and portable socket outlet | IS:1293 (Cl.14): 2019 | |



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| | Wiring & Accessories | | | |
| | Including 250 V and Rated | | | |
| | Current up to and Including 16 A | | | |
| | Plugs and Socket- Outlets for | | | |
| | Household and Similar Purposes | Construction of Plug and | | |
| 44. | of Rated Voltage up to and | portable socket outlet | IS:1293 (Cl.14): 2005 | |
| | Including 250 V and Rated | portable socket outlet | | |
| | Current up to and Including 16 A | | | |
| | Plugs and S <mark>ocket-</mark> Outlets for | | | |
| | Househol <mark>d an</mark> d Similar Purposes | Constructional Requirement of | IS:1293 (Cl.13): 2005 | |
| 45. | of Rate <mark>d V</mark> oltage up to and | Fixed socket outlet | | |
| | Includi <mark>n</mark> g 250 V and Rated | Tixed society duriet | | |
| | Current up to and Including 16 A | | | |
| | Plugs and Socket- Outlets for | | | |
| | Household and Similar Purposes | Constructional Requirement of | | |
| 46. | of Rated Voltage up to and | Fixed socket outlet | IS:1293 (Cl.13): 2019 | |
| | Including 250 V and Rated | Tixed socket outlet | | |
| | Current up to and Including 16 A | | | |
| | Plugs and Socket- Outlets for | | | |
| | Household and Similar Purposes | Creepage Distances, Clearances | | |
| 47. | of Rated Voltage up to and | and Distances Through Sealing | IS:1293 (Cl.27): 2019 | |
| | Including 250 V and Rated | Compound | | |
| | Current up to and Including 16 A | | | |
| | Plugs and Socket- Outlets for | | | |
| 40 | Household and Similar Purposes | Creepage Distances, Clearances | 15 4202 (6) 27) 2005 | |
| 48. | of Rated Voltage up to and | and Distances Through Sealing | IS:1293 (Cl.27): 2005 | |
| | Including 250 V and Rated | Compound | | |
| | Current up to and Including 16 A | | | |



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| | Wiring & Accessories | | | |
| 49. | Plugs and Socket- Outlets for Household and Similar Purposes of Rated Voltage up to and Including 250 V and Rated Current up to and Including 16 A | Flexible cable and their connection | IS:1293 (Cl. 23): 2005 | |
| 50. | Plugs and Socket- Outlets for Household and Similar Purposes of Rated Voltage up to and Including 250 V and Rated Current up to and Including 16 A | Flexible cable and their connection | IS:1293 (Cl. 23): 2019 | |
| 51. | Plugs and Socket- Outlets for Household and Similar Purposes of Rated Voltage up to and Including 250 V and Rated Current up to and Including 16 A | Force necessary to with draw the plug | IS:1293 (CI:22): 2019 | |
| 52. | Plugs and Socket- Outlets for Household and Similar Purposes of Rated Voltage up to and Including 250 V and Rated Current up to and Including 16 A | Force necessary to with draw the plug | IS 1293 (Cl.22.2):2019 | |
| 53. | Plugs and Socket- Outlets for Household and Similar Purposes of Rated Voltage up to and Including 250 V and Rated Current up to and Including 16 A | Force necessary to with draw the plug | IS:1293 (Cl:22): 2005 | |
| 54. | Plugs and Socket- Outlets for Household and Similar Purposes of Rated Voltage up to and | Force necessary to with draw the plug | IS 1293 (Cl.22.2):2005 | |



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| | Including 250 V and Rated | | | |
| | Current up to and Including 16 A | | | |
| | Plugs and Socket- Outlets for | | | |
| | Household and Similar Purposes | Insulation resistance and | | |
| 55. | of Rated Voltage up to and | electric strength Electric | IS 1293 (Cl. 17): 2005 | |
| | Including 250 V and Rated | Strength | | |
| | Current up to and Including 16 A | | | |
| | Plugs and Socket- Outlets for | | | |
| | Househol <mark>d an</mark> d Similar Purposes | Insulation resistance and | | |
| 56. | of Rate <mark>d V</mark> oltage up to and | electric strength Electric | IS 1293 (Cl. 17): 2019 | |
| | Including 250 V and Rated | Strength | | |
| | Current up to and Including 16 A | | | |
| | Plugs and Socket- Outlets for | | | |
| | Household and Similar Purposes | | | |
| 57. | of Rated Voltage up to and | Interlocked socket outlet | IS 1293 (Cl. 15): 2019 | |
| | Including 250 V and Rated | | | |
| | Current up to and Including 16 A | | | |
| | Plugs and Socket- Outlets for | | | |
| | Household and Similar Purposes | | | |
| 58. | of Rated Voltage up to and | Interlocked socket outlet | IS 1293 (Cl. 15): 2005 | |
| | Including 250 V and Rated | | | |
| | Current up to and Including 16 A | | | |
| | Plugs and Socket- Outlets for | | | |
| | Household and Similar Purposes | | | |
| 59. | of Rated Voltage up to and | Marking | IS 1293 (Cl. 8): 2005 | |
| | Including 250 V and Rated | | | |
| | Current up to and Including 16 A | | | |



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|--------|--|--------------------------|------------------------|--|
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| | Wiring & Accessories | | | |
| | Plugs and Socket- Outlets for | | | |
| | Household and Similar Purposes | | | |
| 60. | of Rated Voltage up to and | Making & Breaking | IS 1293:2005 | |
| | Including 250 V and Rated | | | |
| | Current up to and Including 16 A | | | |
| | Plugs and Socket- Outlets for | | | |
| | Household and Similar Purposes | | | |
| 61. | of Rated Volta <mark>ge u</mark> p to and | Making & Breaking | IS 1293:2019 | |
| | Including 250 V and Rated | | | |
| | Current up to and Including 16 A | | | |
| | Plugs and Socket- Outlets for | | | |
| | Household and Similar Purposes | | 15 1000 (6) 0010 | |
| 62. | of Rated Voltage up to and | Marking | IS 1293 (Cl. 8): 2019 | |
| | Including 250 V and Rated | | | |
| | Current up to and Including 16 A | | | |
| | Plugs and Socket- Outlets for | | | |
| 63. | Household and Similar Purposes | N/o chanical atvanath | IC 1202 (CL 24), 2010 | |
| 63. | of Rated Voltage up to and | Mechanical strength | IS 1293 (Cl. 24): 2019 | |
| | Including 250 V and Rated Current up to and Including 16 A | | | |
| | Plugs and Socket- Outlets for | | | |
| | Household and Similar Purposes | | | |
| 64. | of Rated Voltage up to and | Mechanical strength | IS 1293 (Cl. 24): 2005 | |
| 04. | Including 250 V and Rated | iviechanical strength | 13 1233 (Cl. 24). 2003 | |
| | Current up to and Including 16 A | | | |
| | Plugs and Socket- Outlets for | | | |
| 65. | Household and Similar Purposes | Normal Operation | IS:1293 (CI:21): 2005 | |
| 03. | of Rated Voltage up to and | Training operation | 15.125 (5.124). 2555 | |
| | | | | |



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| | Wiring & Accessories | | | |
| | Including 250 V and Rated | | | |
| | Current up to and Including 16 A | | | |
| | Plugs and Socket- Outlets for | | | |
| | Household and Similar Purposes | | | |
| 66. | of Rated Voltage up to and | Normal Operation | IS:1293 (CI:21): 2019 | |
| | Including 250 V and Rated | | | |
| | Current up to and Including 16 A | | | |
| | Plugs and S <mark>ocket-</mark> Outlets for | | | |
| | Househol <mark>d an</mark> d Similar Purposes | | | |
| 67. | of Rate <mark>d V</mark> oltage up to and | Operation of Earthing contacts | IS 1293 (Cl. 18): 2019 | |
| | Including 250 V and Rated | | | |
| | Current up to and Including 16 A | | | |
| | Plugs and Socket- Outlets for | | | |
| | Household and Similar Purposes | | | |
| 68. | of Rated Voltage up to and | Operation of Earthing contacts | IS 1293 (Cl. 18): 2005 | |
| | Including 250 V and Rated | | | |
| | Cu <mark>rrent</mark> up to and Including 16 A | | | |
| | Plugs and Socket- Outlets for | | | |
| | Household and Similar Purposes | | | |
| 69. | of Rated Voltage up to and | Protection against electric shock | IS:1293 (CI:10): 2019 | |
| | Including 250 V and Rated | | | |
| | Current up to and Including 16 A | | | |
| | Plugs and Socket- Outlets for | | | |
| 70 | Household and Similar Purposes | | | |
| 70. | of Rated Voltage up to and | Protection against electric shock | IS:1293 (CI:10): 2005 | |
| | Including 250 V and Rated | | | |
| | Current up to and Including 16 A | | | |



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| | Wiring & Accessories | | | |
| 71. | Plugs and Socket- Outlets for Household and Similar Purposes of Rated Voltage up to and Including 250 V and Rated | Provision For Earthing | IS 1293 (Cl. 11): 2019 | |
| | Current up to and Including 16 A | | | |
| 72. | Plugs and Socket- Outlets for Household and Similar Purposes of Rated Voltage up to and Including 250 V and Rated Current up to and Including 16 A | Provision For Earthing | IS 1293 (Cl. 11): 2005 | |
| 73. | Plugs and Socket- Outlets for Household and Similar Purposes of Rated Voltage up to and Including 250 V and Rated Current up to and Including 16 A | Rating | IS:1293 (Cl .6): 2019 | |
| 74. | Plugs and Socket- Outlets for Household and Similar Purposes of Rated Voltage up to and Including 250 V and Rated Current up to and Including 16 A | Rating | IS:1293 (Cl .6): 2005 | |
| 75. | Plugs and Socket- Outlets for Household and Similar Purposes of Rated Voltage up to and Including 250 V and Rated Current up to and Including 16 A | Resistance of Insulating Material to Abnormal Heat, to Fire and to Tracking | IS 1293 (Cl. 28): 2005, IS 11000 (Part 2/ Sec 1): 2008 & IS 2824: 2007 | |
| 76. | Plugs and Socket- Outlets for Household and Similar Purposes of Rated Voltage up to and | Resistance of Insulating Material to Abnormal Heat, to Fire and to Tracking | IS 1293 (Cl. 28): 2019, IS 11000 (Part 2/ Sec 1): 2008 & IS 2824: 2007 | |



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| | Electrical Testing | | | |
|--------|---|---------------------------------|-------------------------|--|
| SI.No. | Product(s)/Material of Test | Specific Tests Performed | Test Method | |
| | Wiring & Accessories | | | |
| | Including 250 V and Rated | | | |
| | Current up to and Including 16 A | | | |
| | Plugs and Socket- Outlets for | | | |
| | Household and Similar Purposes | Resistance to Ageing, To | | |
| 77. | of Rated Voltage up to and | harmful ingress of water and to | IS 1293 (Cl. 16): 2005 | |
| | Including 250 V and Rated | humidity | | |
| | Current up to and Including 16 A | | | |
| | Plugs and Socket- Outlets for | | | |
| | Househol <mark>d an</mark> d Similar Purposes | Resistance to Ageing, To | | |
| 78. | of Rated Voltage up to and | harmful ingress of water and to | IS 1293 (Cl. 16): 2019 | |
| | Including 250 V and Rated | humidity | | |
| | Current up to and Including 16 A | | | |
| | Plugs and Socket- Outlets for | | | |
| | Household and Similar Purposes | | | |
| 79. | of Rated Voltage up to and | Resistance to Heat | IS:1293 (Cl. 25): 2019 | |
| | Including 250 V and Rated | | | |
| | Current up to and Including 16 A | | | |
| | Plugs and Socket- Outlets for | | | |
| | Household and Similar Purposes | | | |
| 80. | of Rated Voltage up to and | Resistance to Heat | IS:1293 (Cl. 25): 2005 | |
| | Including 250 V and Rated | | | |
| | Current up to and Including 16 A | | | |
| | Plugs and Socket- Outlets for | | | |
| | Household and Similar Purposes | | | |
| 81. | of Rated Voltage up to and | Resistance to Humidity | IS 1293 (Cl. 16.3):2005 | |
| | Including 250 V and Rated | | | |
| | Current up to and Including 16 A | | | |



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| | Wiring & Accessories | | | |
| 82. | Plugs and Socket- Outlets for Household and Similar Purposes of Rated Voltage up to and | Resistance to Humidity | IS 1293 (Cl. 16.3):2019 | |
| | Including 250 V and Rated Current up to and Including 16 A | | | |
| 83. | Plugs and Socket- Outlets for Household and Similar Purposes of Rated Voltage up to and Including 250 V and Rated Current up to and Including 16 A | Resistance to Rusting | IS 1293 (Cl. 29): 2019 | |
| 84. | Plugs and Socket- Outlets for Household and Similar Purposes of Rated Voltage up to and Including 250 V and Rated Current up to and Including 16 A | Resistance to Rusting | IS 1293 (Cl. 29): 2005 | |
| 85. | Plugs and Socket- Outlets for Household and Similar Purposes of Rated Voltage up to and Including 250 V and Rated Current up to and Including 16 A | Screws current carrying parts & connection | IS 1293 (Cl. 26): 2005 | |
| 86. | Plugs and Socket- Outlets for Household and Similar Purposes of Rated Voltage up to and Including 250 V and Rated Current up to and Including 16 A | Screws current carrying parts & connection | IS 1293 (Cl. 26): 2019 | |
| 87. | Plugs and Socket- Outlets for Household and Similar Purposes of Rated Voltage up to and | Temperature Rise | IS 1293 (Cl. 19): 2019 | |



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| | Including 250 V and Rated | | | |
| | Current up to and Including 16 A | | | |
| | Plugs and Socket- Outlets for | | | |
| | Household and Similar Purposes | | | |
| 88. | of Rated Voltage up to and | Temperature Rise | IS 1293 (Cl. 19): 2005 | |
| | Including 250 V and Rated | | | |
| | Current up to and Including 16 A | | | |
| | Plugs and Socket- Outlets for | | | |
| | Househol <mark>d an</mark> d Similar Purposes | | | |
| 89. | of Rate <mark>d V</mark> oltage up to and | Terminals | IS 1293 (Cl. 12): 2005 | |
| | Including 250 V and Rated | | | |
| | Current up to and Including 16 A | | | |
| | Plugs and Socket- Outlets for | | | |
| | Household and Similar Purposes | | | |
| 90. | of Rated Voltage up to and | Terminals | IS 1293 (Cl. 12): 2019 | |
| | I <mark>ncludi</mark> ng 250 V and Rated | | | |
| | Current up to and Including 16 A | | | |
| 91. | Switches for domestic and similar | Checking of Dimensions | IS 3854 (Cl. 9): 1997 | |
| | purpose | Checking of Dimensions | | |
| | Switches for domestic and similar | | IS 3854 (Cl. 7) (Fig. 1): 1997 & | |
| 92. | purpose | Classification | IS/IEC 60529 (Cl.4) (Reaffirmed | |
| | | | 2019):2001 | |
| 93. | Switches for domestic and similar | Constructional Requirement | IS 3854 (Cl. 13): 1997 | |
| | purpose | · | , , | |
| | Switches for domestic and similar | Creepage Distances, Clearances | LC 2054 (CL 22), 4007 | |
| 94. | purpose | and Distances Through Sealing | IS 3854 (Cl.23): 1997 | |
| | | Compound | | |

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| | Wiring & Accessories | | | |
| 95. | Switches for domestic and similar | Insulation resistance and | IS 3854(Cl.16): 1997 | |
| <i>J</i> J. | purpose | electric strength | 13 3634(Cl.10). 1337 | |
| 96. | Switches for domestic and similar | Making and breaking capacity | IS 3854 (Cl. 18): 1997 | |
| | purpose | Making and Steaking capacity | 13 363 1 (61. 10). 1337 | |
| 97. | Switches for domestic and similar | Marking | IS 3854 (Cl. 8): 1997 | |
| | purpose | . 0 | (1 1, 11 | |
| 98. | Switches for domestic and similar | Mechanical strength | IS 3854 (Cl. 20): 1997 | |
| | purpose | _ | | |
| 99. | Switches for domestic and similar | Mechanism | IS 3854 (Cl. 14):1997 | |
| | Switches for domestic and similar | | | |
| 100. | purpose | Normal operation | IS 3854 (Cl. 19): 1997 | |
| | Switches for domestic and similar | Normal operation for florescent | | |
| 101. | purpose | circuit | IS 3854 (Cl. 19.2): 1997 | |
| | Switches for domestic and similar | | | |
| 102. | purpose | Protection against electric shock | IS 3854 (Cl. 10): 1997 | |
| 103. | Switches for domestic and similar | 5 5 5 | IS 2054 (CL 11): 1007 | |
| 103. | purpose | Provision For Earthing | IS 3854 (Cl. 11): 1997 | |
| 104. | Switches for domestic and similar | Rating | IS 3854 (Cl. 6): 1997 | |
| 104. | purpose | Nating | | |
| | Switches for domestic and similar | Resistance to abnormal heat, | IS 3854 (Cl. 24.1): 1997, IS 11000 | |
| 105. | purpose | fire and tracking | (Part 2 /Sec -1): 2008 & IS 2824: | |
| | | | 2007 | |
| 400 | Switches for domestic and similar | Resistance to ageing the | IC 2054 (CL 15), 1007 | |
| 106. | purpose | harmful ingress of water & to humidity | IS 3854 (Cl.15): 1997 | |
| | Switches for domestic and similar | numuity | | |
| 107. | purpose | Resistance to Heat | IS 3854 (Cl. 21): 1997 | |
| | Parbose | | | |



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| | Wiring & Accessories | | | |
| 108. | Switches for domestic and similar | Resistance to Rusting | IS 3854 (Cl. 25): 1997 | |
| 100. | purpose | Resistance to Rusting | 15 3654 (Cl. 25). 1557 | |
| 109. | Switches for domestic and similar | Screw current caring Parts and | IS 3854 (Cl. 22): 1997 | |
| | purpose | connection | 10 000 1 (011 22). 1007 | |
| 110. | Switches for domestic and similar | Temperature Rise | IS 3854(Cl. 17): 1997 | |
| | purpose | To the state of th | | |
| 111. | Switches for domestic and similar | Terminals | IS 3854 (Cl. 12): 1997 | |
| 110 | purpose | 0, 1, 65, | | |
| 112. | Electric Type Fan Regulator | Checking of Dimensions | IS 11037 (Cl. 9.5.14):2019 | |
| | | Creepage Distances and | 15 11027 (6) 0 5 0) 2010 0 15 202 | |
| 113. | Electric Type Fan Regulator | Clearances & Clearance, | IS 11037 (Cl. 9.5.9):2019 & IS 302 | |
| | | Creepage Distances and Solid | (Part-1) (Cl.29): 2008 | |
| 114. | Floatric Type Fan Dogulator | Insulation | IS 11027 (CL 0 F F):2010 | |
| 114. | Electric Type Fan Regulator | Earthing Connection Environmental Tests | IS 11037 (Cl. 9.5.5):2019 IS 11037 (Cl. 9.5.11):2019 | |
| 116. | Electric Type Fan Regulator | | | |
| - | Electric Type Fan Regulator | High Voltage Test | IS 11037 (Cl. 9.5.3):2019 | |
| 117. | Electric Type Fan Regulator | Insulation Resistance | IS 11037 (Cl. 9.5.4):2019 | |
| 118. | Electric Type Fan Regulator | Leakage Current Test | IS 11037 (Cl. 9.5.2):2019 & IS 302 | |
| 110 | Floatria Timo Fon Posidaten | N. A. publica or | (Part-1) (Cl.13.2): 2008 | |
| 119. | Electric Type Fan Regulator | Marking Took | IS 11037 (Cl. 9): 2019 | |
| 120. | Electric Type Fan Regulator | Mechanical Endurance Test | IS 11037 (Cl. 9.5.10):2019 | |
| 121. | Electric Type Fan Regulator | Mechanical Strength | IS 11037 (Cl. 9.5.8):2019 & IS 302 | |
| 122 | Floatric Time For Decidates | Maistana Daoistana | (Part-1) (Cl.21): 2008 | |
| 122. | Electric Type Fan Regulator | Moisture Resistance | IS 11037 (Cl. 9.5.7):2019 | |
| 123. | Electric Type Fan Regulator | Performance Particular State S | IS 11037 (Cl. 8): 2019 | |
| 124 | Floatric Torre For Boardate | Protection Against Electric | IS 11037 (Cl. 9.5.6):2019 & IS 302 | |
| 124. | Electric Type Fan Regulator | Shock & Protection Against | (Part-1) (Cl.8): 2008 | |
| | | Access to Live Part | | |





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| | Electrical Testing | | | |
|--------|-----------------------------|--------------------------------------|--|--|
| SI.No. | Product(s)/Material of Test | Specific Tests Performed | Test Method | |
| | Wiring & Accessories | | | |
| 125. | Electric Type Fan Regulator | Resistance to Abnormal heat and fire | IS 11037 (Cl.9.5.12):2019 & IS 11000 (Par-2/Sec-1):2008 | |
| 126. | Electric Type Fan Regulator | Resistance to Rusting | IS 11037 (Cl. 9.5.13):2019 | |
| 127. | Electric Type Fan Regulator | Temperature-rise | IS 11037 (Cl. 9.5.1):2019 | |
| 128. | Electric Type Fan Regulator | Voltage Drop | IS 11037 (Cl. 7.7):2019 | |





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| Electrical Testing | | | |
|--------------------|---|--|--|
| Sl. No. | Product(s)/Material of Test | Specific Tests Performed | Test Method |
| | Domestic Electrical Appliances | | |
| 1. | Domestic Electric Food-Mixers (Liquidize-rs & Grinders) | Abnormal Operation | IS 4250 (Cl. 19):1980 & IS 302 (Part- 1) (Cl. 19): 2008 |
| 2. | Domestic Electric Food-Mixers (Liquidize-rs & Grinders) | Classification | IS 4250 (Cl. 6): 1980 & IS 302 (Part-1) (Cl. 6): 2008 |
| 3. | Domestic Electric Food-Mixers (Liquidize-rs & Grinders) | Clearances, Creepage Distances and Solid Insulation | IS 4250 (Cl.29): 1980 & IS 302 (Part-1) (Cl. 29): 2008 |
| 4. | Domestic Electric Food-Mixers (Liquidize-rs & Grinders) | Components | IS 4250 (Cl.24): 1980 & IS 302 (Part-1) (Cl. 24): 2008 |
| 5. | Domestic Electric Food-Mixers (Liquidize-rs & Grinders) | Construction | IS 4250 (Cl.22): 1980 & IS 302 (Part-1) (Cl. 22): 2008 |
| 6. | Domestic Electric Food-Mixers (Liquidize-rs & Grinders) | Electrical Insulation and Leakage Current at Operating Temperature | IS 4250 (Cl.13): 1980 & IS 302 (Part-1) (Cl. 13): 2008 |
| 7. | Domestic Electric Food-Mixers (Liquidize-rs & Grinders) | Finish | IS 4250 (Cl.33): 1980 & IS 302 (Part-1) (Cl. 33): 2008 |
| 8. | Domestic Electric Food-Mixers (Liquidize-rs & Grinders) | Input Power | IS 4250 (Cl .10): 1980 & IS 302 (Part-1) (Cl. 10): 2008 |
| 9. | Domestic Electric Food-Mixers (Liquidize-rs & Grinders) | Insulation Resistance and Electric Strength | IS 4250 (Cl.16): 1980 & IS 302 (Part-1) (Cl. 16): 2008 |
| 10. | Domestic Electric Food-Mixers (Liquidize-rs & Grinders) | Internal wiring | IS 4250 (Cl.23): 1980 & IS 302 (Part-1) (Cl. 23): 2008 |
| 11. | Domestic Electric Food-Mixers (Liquidize-rs & Grinders) | Marking | IS 4250 (Cl. 7):1980 & IS 302 (Part-1) (Cl. 7): 2008 |
| 12. | Domestic Electric Food-Mixers (Liquidize-rs & Grinders) | Mechanical Strength | IS 4250 (Cl.21): 1980 & IS 302 (Part-1) (Cl. 21): 2008 |
| 13. | Domestic Electric Food-Mixers (Liquidize-rs & Grinders) | Moisture Resistance | IS 4250 (Cl.15): 1980 & IS 302 (Part-1) (Cl. 15): 2008 |





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| | Electrical Testing | | | |
|---------|--|-----------------------------------|--------------------------------|--|
| Sl. No. | Product(s)/Material of Test | Specific Tests Performed | Test Method | |
| | Domestic Electrical Appliances | | | |
| 14. | Domestic Electric Food-Mixers | Out a week a week To a to | IS 4250 (Cl.34): 1980 & | |
| 14. | (Liquidize-rs & Grinders) | Operational Tests | IS 302 (Part-1) (Cl. 34): 2008 | |
| 15. | Domestic Electric Food-Mixers | Protection against Electric Shock | IS 4250 (Cl .8): 1980 & | |
| 15. | (Liquidize-rs & Grinders) | Protection against Electric Shock | IS 302 (Part-1) (Cl. 8): 2008 | |
| 16. | Domestic Electric Food-Mixers | Provision For Earthing | IS 4250 (Cl.27): 1980 & | |
| 10. | (Liquidize-rs & Grinders) | Flovision for Lattining | IS 302 (Part-1) (Cl. 27): 2008 | |
| 17. | Domestic Electric Food-Mixers | Rating | 4250 (Cl.5): 1980 & | |
| 17. | (Liquidize-rs & Grinders) | Nating | IS 302 (Part-1): 2008 | |
| 18. | Domestic Electric Food-Mixers | Resistance to Heat and Fire | IS 4250 (Cl.30): 1980 & | |
| 10. | (Liquid <mark>ize</mark> -rs & Grinders) | Nesistance to freat and fire | IS 302 (Part-1) (Cl. 30): 2008 | |
| 19. | Dome <mark>s</mark> tic Electric Food-Mixers | Resistance to Rusting | IS 4250 (Cl.31): 1980 & | |
| 15. | (Liquidize-rs & Grinders) | | IS 302 (Part-1) (Cl. 31): 2008 | |
| 20. | Domestic Electric Food-Mixers | Screws And Connection | IS 4250 (Cl.28): 1980 & | |
| 20. | (Liquidize-rs & Grinders) | | IS 302 (Part-1) (Cl. 28): 2008 | |
| 21. | Domestic Electric Food-Mixers | Stability and Mechanical | IS 4250 (Cl.20): 1980 & | |
| | (Liquidize-rs & Grinders) | Hazards | IS 302 (Part-1) (Cl. 20): 2008 | |
| 22. | Domestic Electric Food-Mixers | Strength of Assembly | IS 4250 (Cl.37): 1980 & | |
| | (Liquidize-rs & Grinders) | · | IS 302 (Part-1) (Cl. 37): 2008 | |
| 23. | Domestic Electric Food-Mixers | Supply Connection and External | IS 4250 (Cl.25): 1980 & | |
| 25. | (Liquidize-rs & Grinders) | Flexible Cords | IS 302 (Part-1) (Cl. 25): 2008 | |
| 24. | Domestic Electric Food-Mixers | Temperature Rise | IS 4250 (Cl .11): 1980 & | |
| 2-7. | (Liquidize-rs & Grinders) | · | IS 302 (Part-1) (Cl. 11): 2008 | |
| 25. | Domestic Electric Food-Mixers | Temperature Withstand for | IS 4250 (Cl.35): 1980 & | |
| | (Liquidize-rs & Grinders) | Bowl | IS 302 (Part-1) (Cl. 35): 2008 | |
| 26. | Domestic Electric Food-Mixers | Terminals For External | IS 4250 (Cl.26): 1980 & | |
| | (Liquidize-rs & Grinders) | Conductors | IS 302 (Part-1) (Cl. 26): 2008 | |
| 27. | Domestic Electric Food-Mixers | Test for Controls | IS 4250 (Cl.36): 1980 & | |
| | (Liquidize-rs & Grinders) | lest for Controls | IS 302 (Part-1) (Cl. 36): 2008 | |





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| | Electrical Testing | | | |
|---------|--------------------------------|--------------------------------|--------------------------------|--|
| SI. No. | Product(s)/Material of Test | Specific Tests Performed | Test Method | |
| | Domestic Electrical Appliances | | | |
| | | | IS 302 (Part-2/Sec 9) | |
| 28. | Toasters, Grills, Roasters | Abnormal Operation | (Cl. 19): 2009 & | |
| 20. | loasters, Grills, Roasters | Abhormal Operation | IS302 (Part -1) (Cl. 19): | |
| | | | 2008 | |
| | | | IS 302 (Part-2/Sec 9) | |
| 29. | Toasters, Grills, Roasters | Classification | (Cl. 6): 2009 & | |
| | | | IS 302 (Part -1) (Cl. 6): 2008 | |
| | | | IS 302 (Part-2/Sec 9) | |
| 30. | Toasters, Grills, Roasters | Clearances, Creepage Distances | (Cl. 29): 2009 & | |
| 30. | loasters, Grills, Roasters | and Solid Insulation | IS 302 (Part -1) (Cl. 29): | |
| | | | 2008 | |
| | Toasters, Grills, Roasters | | IS 302 (Part-2/Sec 9) | |
| 31. | | Components | (Cl. 24): 2009 & | |
| | | | IS 302 (Part -1) (Cl. 24):2008 | |
| | | | IS 302 (Part-2/Sec 9) | |
| 32. | Toasters, Grills, Roasters | Construction | (Cl. 22): 2009 & | |
| | | | IS 302 (Part -1) (Cl. 22):2008 | |
| | | | IS 302 (Part-2/Sec 9) | |
| 33. | Toasters, Grills, Roasters | Heating | (Cl. 11): 2009 & | |
| | | | IS 302 (Part -1) (Cl. 11):2008 | |
| | | | IS 302 (Part-2/Sec 9) | |
| 34. | Toasters, Grills, Roasters | Internal wiring | (Cl. 23): 2009 & | |
| | | | IS 302 (Part -1) (Cl. 23):2008 | |
| | | Leakage Current and Electric | IS 302 (Part-2/Sec 9) | |
| 35. | Toasters, Grills, Roasters | ers, Grills, Roasters Strength | (Cl. 16): 2009 & | |
| | | Streugtu | IS 302 (Part -1) (Cl. 16):2008 | |



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| | Electrical Testing | | | |
|---------|--------------------------------|-----------------------------------|---------------------------------------|--|
| SI. No. | Product(s)/Material of Test | Specific Tests Performed | Test Method | |
| | Domestic Electrical Appliances | | | |
| | | Leakage Current and Electric | IS 302 (Part-2/Sec 9) | |
| 36. | Toasters, Grills, Roasters | Strength at Operating | (Cl. 13): 2009 & | |
| | | Temperature | IS 302 (Part -1) (Cl. 13):2008 | |
| | | | IS 302 (Part-2/Sec 9) | |
| 37. | Toasters, Grills, Roasters | Marking | (Cl. 7): 2009 & IS 302 (Part -1) (Cl. | |
| | | | 7): 2008 | |
| | | | IS 302 (Part-2/Sec 9) | |
| 38. | Toasters, Grills, Roasters | Mechanical Strength | (Cl. 21): 2009 & | |
| | | | IS 302 (Part -1) (Cl. 21):2008 | |
| | Toasters, Grills, Roasters | Moisture Resistance | IS 302 (Part-2/Sec 9) | |
| 39. | | | (Cl. 15): 2009 & | |
| | | | IS 302 (Part -1) (Cl. 15):2008 | |
| | Toasters, Grills, Roasters | Power input & Current | IS 302 (Part-2/Sec 9) | |
| 40. | | | (Cl. 10): 2009 & | |
| | | | IS 302 (Part -1) (Cl. 10):2008 | |
| | Toasters, Grils, Roasters | Protection against access to live | IS 302 (Part-2/Sec 9) | |
| 41. | | parts | (Cl. 8): 2009 & | |
| | | parts | IS 302(Part -1) (Cl. 8): 2008 | |
| | | | IS 302 (Part-2/Sec 9) | |
| 42. | Toasters, Grills, Roasters | Provision For Earthing | (Cl. 27): 2009 & | |
| | | | IS 302 (Part -1) (Cl. 27):2008 | |
| | | Radiation, Toxicity & Similar | IS 302 (Part-2/Sec 9) | |
| 43. | Toasters, Grills, Roasters | Hazard | (Cl. 32): 2009 & | |
| | | 1102010 | IS 302 (Part -1) (Cl. 32):2008 | |
| | | | IS 302 (Part-2/Sec 9) | |
| 44. | Toasters, Grills, Roasters | Resistance to Heat and Fire | (Cl. 30): 2009 & | |
| | | | IS 302 (Part -1) (Cl. 30):2008 | |



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| Si. No. Product(s)/Material of Test Specific Tests Performed Test Method | | Electrical Testing | | | | |
|--|-------------|--------------------------------|--------------------------------|---------------------------------------|--|--|
| 45. Toasters, Grills, Roasters Resistance to Rusting IS 302 (Part-2/Sec 9) (Cl. 31): 2009 46. Toasters, Grills, Roasters Screws And Connection IS 302 (Part-2/Sec 9) (Cl. 28): 2009 47. Toasters, Grills, Roasters Stability and Mechanical Hazards IS 302 (Part-1) (Cl. 28): 2008 48. Toasters, Grills, Roasters Supply Connection and External Flexible Cords IS 302 (Part-1) (Cl. 20): 2008 49. Toasters, Grills, Roasters Terminals For External IS 302 (Part-2/Sec 9) (Cl. 25): 2009 50. Toasters, Grills, Roasters Transient over voltage IS 302 (Part-1) (Cl. 26): 2008 51. Appliances for heating liquids (Electric Kettle Only) Classification Science From Lating liquids (Electric Kettle Only) Classification Science From Lating liquids (Electric Kettle Only) Science From Lating li | SI. No. | Product(s)/Material of Test | Specific Tests Performed | Test Method | | |
| 45. loasters, Grills, Roasters 46. Toasters, Grills, Roasters Screws And Connection 47. Toasters, Grills, Roasters 48. Toasters, Grills, Roasters 48. Toasters, Grills, Roasters 48. Toasters, Grills, Roasters 49. Toasters, Grills, Roasters Tramsiants For External Conductors Toasters, Grills, Roasters Transient over voltage 50. Toasters, Grills, Roasters Transient over voltage Toasters, Grills, Roasters Toasters, Grills, Roast | | Domestic Electrical Appliances | | | | |
| 46. Toasters, Grills, Roasters Screws And Connection IS 302 (Part -2) (Cl. 28): 2009 | 45 | Teasters Crills Beasters | Posistance to Busting | IS 302 (Part-2/Sec 9) (Cl. 31): 2009 | | |
| 46. | 45. | loasters, driiis, koasters | Resistance to Rusting | & IS 302 (Part -1) (Cl. 31):2008 | | |
| Appliances for heating liquids (Electric Kettle Only) Sample | 16 | Teasters Crills Beasters | Scrows And Connection | IS 302 (Part-2/Sec 9) (Cl. 28): 2009 | | |
| 47. | 40. | loasters, driiis, koasters | Screws And Connection | & IS 302 (Part -1) (Cl. 28):2008 | | |
| 48. Toasters, Grills, Roasters 49. Toasters, Grills, Roasters 50. Toasters, Grills, Roasters 51. Appliances for heating liquids (Electric Kettle Only) 52. Appliances for heating liquids (Electric Kettle Only) 53. Appliances for heating liquids (Electric Kettle Only) 54. Appliances for heating liquids (Electric Kettle Only) 55. Appliances for heating liquids (Electric Kettle Only) 56. Appliances for heating liquids (Electric Kettle Only) 57. Appliances for heating liquids (Electric Kettle Only) 58. Appliances for heating liquids (Electric Kettle Only) 59. Appliances for heating liquids (Electric Kettle Only) 50. Toasters, Grills, Roasters 51. Appliances for heating liquids (Electric Kettle Only) 52. Classification 53. Classification 54. Appliances for heating liquids (Electric Kettle Only) 55. Appliances for heating liquids (Electric Kettle Only) 56. Appliances for heating liquids (Electric Kettle Only) 57. Appliances for heating liquids (Electric Kettle Only) 58. Appliances for heating liquids (Electric Kettle Only) 59. Appliances for heating liquids (Electric Kettle Only) 50. Appliances for heating liquids (Electric Kettle Only) 50. Appliances for heating liquids (Electric Kettle Only) 51. Appliances for heating liquids (Electric Kettle Only) 52. Appliances for heating liquids (Electric Kettle Only) 53. Appliances for heating liquids (Electric Kettle Only) 54. Appliances for heating liquids (Electric Kettle Only) 55. Appliances for heating liquids (Electric Kettle Only) 56. Appliances for heating liquids (Electric Kettle Only) 57. Appliances for heating liquids (Electric Kettle Only) 58. Appliances for heating liquids (Electric Kettle Only) 59. Appliances for heating liquids (Electric Kettle Only) 50. Appliances for heating liquids (Electric Kettle Only) 50. Electric Kettle Only) 51. Appliances for heating liquids (Electric Kettle Only) 52. Appliances for heating liquids (Electric Kettle Only) 53. Electric Kettle Only 54. Appliances for heating liquids (Electric Kettle Onl | 47 | Toastors Grills Poastors | Stability and Mechanical | IS 302 (Part-2/Sec 9) (Cl. 20): 2009 | | |
| 48. loasters, Grills, Roasters Flexible Cords 49. Toasters, Grills, Roasters Terminals For External Conductors Bis 302 (Part -1) (Cl. 25): 2008 50. Toasters, Grills, Roasters Transient over voltage 51. Appliances for heating liquids (Electric Kettle Only) Appliances for heating liquids (Electric Kettle Only) 52. Appliances for heating liquids (Electric Kettle Only) 53. Appliances for heating liquids (Electric Kettle Only) 54. Appliances for heating liquids (Electric Kettle Only) 55. Appliances for heating liquids (Electric Kettle Only) 56. Appliances for heating liquids (Electric Kettle Only) 57. Appliances for heating liquids (Electric Kettle Only) Appliances for heating liquids (Electric Kettle Only) Formula For External (Is 302 (Part -1) (Cl. 26): 2009 (Is 302 (Part -1): 2008 (Is 302 (Part -1 | 47. | loasters, driils, Roasters | Hazards | & IS 302 (Part -1) (Cl. 20): 2008 | | |
| 49. Toasters, Grills, Roasters Terminals For External Conductors Toasters, Grills, Roasters Toasters, Grills, Roasters Toasters, Grills, Roasters Transient over voltage Appliances for heating liquids (Electric Kettle Only) Beautiful Terminal Vervicus (Electric No. 12) (Cl. 12): 2009 Beautiful Terminal Vervicus (Electric No. 12) (Cl | 10 | Teasters Crills Beasters | Supply Connection and External | IS 302 (Part-2/Sec 9) (Cl. 25): 2009 | | |
| 49. loasters, Grills, Roasters Conductors 8. IS 302 (Part -1) (Cl. 26): 2008 50. Toasters, Grills, Roasters Transient over voltage 51. Appliances for heating liquids (Electric Kettle Only) Abnormal Operation Classification Classification Sauge (Part -2/Sec 15) (Cl. 14): 2009 8. IS 302 (Part -2/Sec 15) (Cl. 19): 2009 8. IS 302 (Part -2/Sec 15) (Cl. 19): 2009 8. IS 302 (Part -2/Sec 15) (Cl. 19): 2009 8. IS 302 (Part -2/Sec 15) (Cl. 6): 2009 8. IS 302 (Part -2/Sec 15) (Cl. 6): 2009 8. IS 302 (Part -2/Sec 15) (Cl. 6): 2009 8. IS 302 (Part -1): 2008 Clearances, Creepage Distances IS 302 (Part -2/Sec 15) (Cl. 29): 2009 8. IS 302 (Part -1): 2008 Sauge (Part -1): 2008 Components Sauge (Part -1): 2008 IS 302 (Part -1): 2008 | 40. | loasters, drills, Roasters | Flexible Cords | & IS 302 (Part -1) (Cl. 25): 2008 | | |
| Toasters, Grills, Roasters Transient over voltage IS 302 (Part-2/Sec 9) (Cl. 14): 2008 IS 302 (Part-2/Sec 15) (Cl. 19): 2009 & IS 302 (Part-2/Sec 15) (Cl. 19): 2009 & IS 302 (Part-2/Sec 15) (Cl. 6): 2009 & IS 302 (Part-2/Sec 15) (Cl. 6): 2009 & IS 302 (Part-2/Sec 15) (Cl. 6): 2009 & IS 302 (Part-2/Sec 15) (Cl. 29): 2009 & IS 302 (Part-2/Sec 15) (Cl. 29): 2009 & IS 302 (Part-2/Sec 15) (Cl. 29): 2009 & IS 302 (Part-2/Sec 15) (Cl. 24): 2009 & IS 302 (Part-2/Sec 15) (Cl. 24): 2009 & IS 302 (Part-2/Sec 15) (Cl. 24): 2009 & IS 302 (Part-2/Sec 15) (Cl. 22): 2009 & IS 302 (Part-1): 2008 Transient over voltage IS 302 (Part-2/Sec 15) (Cl. 6): 2009 & IS 302 (Part-2/Sec 15) (Cl. 24): 2009 & IS 302 (Part-2/Sec 15) (Cl. 24): 2009 & IS 302 (Part-2/Sec 15) (Cl. 11): 2009 B IS 302 (Part-2/Sec 15) (Cl. 11): 2009 Transient over voltage IS 302 (Part-2/Sec 15) (Cl. 22): 2009 & IS 302 (Part-2/Sec 15) (Cl. 11): 2009 Transient over voltage IS 302 (Part-2/Sec 15) (Cl. 21): 2009 Transient over voltage IS 302 (Part-2/Sec 15) (Cl. 24): 2009 Transient over voltage IS 302 (Part-2/Sec 15) (Cl. 24): 2009 Transient over voltage IS 302 (Part-2/Sec 15) (Cl. 21): 2009 Transient over voltage IS 302 (Part-2/Sec 15) (Cl. 21): 2009 Transient over voltage IS 302 (Part-2/Sec 15) (Cl. 23): 2009 Transient over voltage IS 302 (Part-2/Sec 15) (Cl. 23): 2009 Transient over voltage IS 302 (Part-2/Sec 15) (Cl. 23): 2009 Transient over voltage IS 302 (Part-2/Sec 15) (Cl. 23): 2009 Transient over voltage IS 302 (Part-2/Sec 15) (Cl. 23): 2009 Transient over voltage IS 302 (Part-2/Sec 15) (Cl. 23): 2009 Transient over voltage IS 302 (Part-2/Sec 15) (Cl. 23): 2009 Transient over voltage Transient over voltage | 40 | Teasters Crills Beasters | Terminals For External | IS 302 (Part-2/Sec 9) (Cl. 26): 2009 | | |
| 50. loasters, Grills, Roasters lransient over voltage & IS 302 (Part -1) (Cl. 14): 2008 51. Appliances for heating liquids (Electric Kettle Only) 52. Appliances for heating liquids (Electric Kettle Only) 53. Appliances for heating liquids (Electric Kettle Only) 54. Appliances for heating liquids (Electric Kettle Only) 55. Appliances for heating liquids (Electric Kettle Only) 56. Appliances for heating liquids (Electric Kettle Only) 57. Appliances for heating liquids (Electric Kettle Only) 58. Appliances for heating liquids (Electric Kettle Only) 59. Appliances for heating liquids (Electric Kettle Only) 50. Appliances for heating liquids (Electric Kettle Only) 51. Appliances for heating liquids (Electric Kettle Only) 52. Appliances for heating liquids (Electric Kettle Only) 53. Appliances for heating liquids (Electric Kettle Only) 54. Appliances for heating liquids (Electric Kettle Only) 55. Appliances for heating liquids (Electric Kettle Only) 56. Appliances for heating liquids (Electric Kettle Only) 57. Appliances for heating liquids (Electric Kettle Only) 58. IS 302 (Part -1): 2008 59. Appliances for heating liquids (Electric Kettle Only) 50. Leakage Current and Electric (IS 302 (Part -1): 2008 10. IS 302 (Part -1): 2008 | 49. | loasters, driils, Roasters | Conductors | & IS 302 (Part -1) (Cl. 26): 2008 | | |
| 51. Appliances for heating liquids (Electric Kettle Only) 52. Appliances for heating liquids (Electric Kettle Only) 53. Appliances for heating liquids (Electric Kettle Only) 54. Appliances for heating liquids (Electric Kettle Only) 55. Appliances for heating liquids (Electric Kettle Only) 56. Appliances for heating liquids (Electric Kettle Only) 57. Appliances for heating liquids (Electric Kettle Only) 58. IS 302 (Part -1): 2008 Classification Classification Classification Classification Classification Electric Kettle Only) Self 302 (Part -1): 2008 Self 303 (Part -1): | ΕO | Toasters, Grills, Roasters | Transient over voltage | IS 302 (Part-2/Sec 9) (Cl. 14): 2009 | | |
| Signature Sign | 50. | | | & IS 302 (Part -1) (Cl. 14): 2008 | | |
| Solution | E1 | Appliances for heating liquids | Abnormal Operation | IS 302 (Part-2/Sec 15) (Cl. 19): 2009 | | |
| S2. (Electric Kettle Only) Classification & IS 302 (Part -1): 2008 | 31. | (Electric Kettle Only) | Abhorniai Operation | & IS 302 (Part -1): 2008 | | |
| Appliances for heating liquids (Electric Kettle Only) Internal wiring IS 302 (Part-2/Sec 15) (Cl. 23): 2009 & IS 302 (Part-2/Sec 15) (Cl. 23): 2009 & IS 302 (Part-2/Sec 15) (Cl. 23): 2009 | E2 | Appliances for heating liquids | Classification | IS 302 (Part-2/Sec 15) (Cl. 6): 2009 | | |
| Sac Cartest Cartest Cartest Cartest Cartest Cart | 32. | (Electric Kettle Only) | | & IS 302 (Part -1): 2008 | | |
| Sample Components Sample | 52 | Appliances for heating liquids | Clearances, Creepage Distances | IS 302 (Part-2/Sec 15) (Cl. 29): 2009 | | |
| 54. (Electric Kettle Only) Appliances for heating liquids (Electric Kettle Only) Leakage Current and Electric IS 302 (Part-2/Sec 15) (Cl. 16): 2009 | <i>J</i> 3. | (Electric Kettle Only) | and Solid Insulation | & IS 302 (Part -1): 2008 | | |
| Solution | E / | Appliances for heating liquids | Companents | IS 302 (Part-2/Sec 15) (Cl. 24): 2009 | | |
| So. (Electric Kettle Only) Construction & IS 302 (Part -1): 2008 Begin and Special | 54. | (Electric Kettle Only) | & IS 302 (Part -1): 2008 | | | |
| Security | | Appliances for heating liquids | Construction | IS 302 (Part-2/Sec 15) (Cl. 22): 2009 | | |
| 56. (Electric Kettle Only) Appliances for heating liquids (Electric Kettle Only) Appliances for heating liquids (Electric Kettle Only) Appliances for heating liquids Appliances for heating liquids Leakage Current and Electric IS 302 (Part -1): 2008 Leakage Current and Electric IS 302 (Part -1): 2008 IS 302 (Part -1): 2008 | 33. | (Electric Kettle Only) | Construction | & IS 302 (Part -1): 2008 | | |
| 57. Appliances for heating liquids (Electric Kettle Only) Appliances for heating liquids (Electric Kettle Only) Appliances for heating liquids Appliances for heating liquids Leakage Current and Electric IS 302 (Part -1): 2008 & IS 302 (Part -1): 2008 Internal wiring & IS 302 (Part -1): 2008 IS 302 (Part -1): 2008 | F.6 | Appliances for heating liquids | Heating | IS 302 (Part-2/Sec 15) (Cl. 11): 2009 | | |
| (Electric Kettle Only) Appliances for heating liquids Leakage Current and Electric Sec. 15 302 (Part -1): 2008 Leakage Current and Electric IS 302 (Part-2/Sec 15) (Cl. 16): 2009 | 50. | (Electric Kettle Only) | neating | & IS 302 (Part -1): 2008 | | |
| (Electric Kettle Only) Appliances for heating liquids Leakage Current and Electric IS 302 (Part-1): 2008 IS 302 (Part-2/Sec 15) (Cl. 16): 2009 | E 7 | Appliances for heating liquids | Internal wiring | IS 302 (Part-2/Sec 15) (Cl. 23): 2009 | | |
| 1 58 1 | 57. | (Electric Kettle Only) | internal wiring | & IS 302 (Part -1): 2008 | | |
| (Electric Kettle Only) Strength & IS 302 (Part -1): 2008 | E0 | Appliances for heating liquids | Leakage Current and Electric | IS 302 (Part-2/Sec 15) (Cl. 16): 2009 | | |
| | 58. | (Electric Kettle Only) | Strength | & IS 302 (Part -1): 2008 | | |



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| | Electrical Testing | | | |
|---------|---|--|---|--|
| SI. No. | Product(s)/Material of Test | Specific Tests Performed | Test Method | |
| | Domestic Electrical Appliances | | | |
| 59. | Appliances for heating liquids (Electric Kettle Only) | Leakage Current and Electric Strength at Operating Temperature | IS 302 (Part-2/Sec 15) (Cl. 13): 2009 & IS 302 (Part -1): 2008 | |
| 60. | Appliances for heating liquids (Electric Kettle Only) | Marking | IS 302 (Part-2/Sec 15) (Cl. 7): 2009 & IS 302 (Part -1): 2008 | |
| 61. | Appliances for heating liquids (Electric Kettle Only) | Mechanical Strength | IS 302 (Part-2/Sec 15) (Cl. 21): 2009 & IS 302 (Part -1): 2008 | |
| 62. | Appliances for heating liquids (Electric Kettle Only) | Moisture Resistance | IS 302 (Part-2/Sec 15) (Cl. 15): 2009 & IS 302 (Part -1): 2008 | |
| 63. | Appliances for heating liquids (Electric Kettle Only) | Power Input & Current | IS 302 (Part-2/Sec 15) (Cl. 10): 2009 & IS 302 (Part -1): 2008 | |
| 64. | Appliances for heating liquids (Electric Kettle Only) | Protection against access to live parts | IS 302 (Part-2/Sec 15) (Cl. 8): 2009 & IS 302 (Part -1): 2008 | |
| 65. | Appliances for heating liquids (Electric Kettle Only) | Provision For Earthing | IS 302 (Part-2/Sec 15) (Cl. 27): 2009 & IS 302 (Part -1): 2008 | |
| 66. | Appliances for heating liquids (Electric Kettle Only) | Radiation, Toxicity & Similar Hazard | IS 302 (Part-2/Sec 15) (Cl. 32): 2009 & IS 302 (Part -1): 2008 | |
| 67. | Appliances for heating liquids (Electric Kettle Only) | Resistance to Heat and Fire | IS 302 (Part-2/Sec 15) (Cl. 30): 2009 & IS 302 (Part -1): 2008 | |
| 68. | Appliances for heating liquids (Electric Kettle Only) | Resistance to Rusting | IS 302 (Part-2/Sec 15) (Cl. 31): 2009 & IS 302 (Part -1): 2008 | |
| 69. | Appliances for heating liquids (Electric Kettle Only) | Screws And Connection | IS 302 (Part-2/Sec 15) (Cl. 28): 2009 & IS 302 (Part -1): 2008 | |
| 70. | Appliances for heating liquids (Electric Kettle Only) | Stability and Mechanical Hazards | IS 302 (Part-2/Sec 15) (Cl. 20): 2009 & IS 302 (Part -1): 2008 | |
| 71. | Appliances for heating liquids (Electric Kettle Only) | Supply Connection and External Flexible Cords | IS 302 (Part-2/Sec 15) (Cl. 25): 2009 & IS 302 (Part -1): 2008 | |





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QAI/CLA/TL/2023/0017

Valid from: 24 July 2023 Valid until: 23 July 2025

| | Electrical Testing | | | |
|----------|--|--------------------------------|---------------------------------------|--|
| Sl. No. | Product(s)/Material of Test | Specific Tests Performed | Test Method | |
| | Domestic Electrical Appliances | | | |
| 72. | Appliances for heating liquids | Terminals For External | IS 302 (Part-2/Sec 15) (Cl. 26): 2009 | |
| 72. | (Electric Kettle Only) | Conductors | & IS 302 (Part -1): 2008 | |
| 73. | Appliances for heating liquids | Transient over voltage | IS 302 (Part-2/Sec 15) (Cl. 14): 2009 | |
| 73. | (Electric Kettle Only) | Transient over voltage | & IS 302 (Part -1): 2008 | |
| 74. | Electric Ceiling Type Fans | Endurance | IS 374 (Cl. 16): 2019 | |
| | | General condition of test and | | |
| 75. | Electric Ceiling Type Fans | method of measurement of | IS 374 (Cl. 14): 2019 | |
| | | performance requirements | | |
| 76. | Electric <mark>Ceili</mark> ng Type Fans | Interchangeability | IS 374 (Cl. 12): 2019 | |
| 77. | Electric Ceiling Type Fans | Performance requirements | IS 374 (Cl. 15): 2019 | |
| 78. | Electr <mark>ic</mark> Ceiling Type Fans | Silent Operation | IS 374 (Cl. 13): 2019 | |
| 79. | Electric Ceiling Type Fans | Speed Regulators | IS 374 (Cl. 10): 2019 | |
| 80. | Electric Ceiling Type Fans | Starting | IS 374 (Cl. 11): 2019 | |
| 81. | Electric Ceiling Type Fans | Test for Harmonic Distortion | IS 374 (Cl. 17): 2019 | |
| 82. | Electric instantaneous water | Abnormal Operation | IS 302 (Part-2/Sec 35) (Cl. 19): 2017 | |
| 02. | heaters | | & IS 302 (Part -1): 2008 | |
| 83. | Electric instantaneous water | Classification | IS 302 (Part-2/Sec 35) (Cl. 6): 2017 | |
| 05. | heaters | | & IS 302 (Part -1): 2008 | |
| 84. | Electric instantaneous water | Clearances, Creepage Distances | IS 302 (Part-2/Sec 35) (Cl. 29): 2017 | |
| 04. | heaters | and Solid Insulation | & IS 302 (Part -1): 2008 | |
| 85. | Electric instantaneous water | Components | IS 302 (Part-2/Sec 35) (Cl. 24): 2017 | |
| 05. | heaters | Components | & IS 302 (Part -1): 2008 | |
| 86. | Electric instantaneous water | Construction | IS 302 (Part-2/Sec 35) (Cl. 22): 2017 | |
| 00. | heaters | Construction | & IS 302 (Part -1): 2008 | |
| 87. | Electric instantaneous water | Heating | IS 302 (Part-2/Sec 35) (Cl. 11): 2017 | |
| <u> </u> | heaters | reading | & IS 302 (Part -1): 2008 | |
| 88. | Electric instantaneous water | Internal wiring | IS 302 (Part-2/Sec 35) (Cl. 23): 2017 | |
| 00. | heaters | meerial willing | & IS 302 (Part -1): 2008 | |





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Valid from: 24 July 2023 Valid until: 23 July 2025

| | Electrical Testing | | | |
|---------|--------------------------------------|--|---|--|
| SI. No. | Product(s)/Material of Test | Specific Tests Performed | Test Method | |
| | Domestic Electrical Appliances | | | |
| 89. | Electric instantaneous water heaters | Leakage Current and Electric Strength | IS 302 (Part-2/Sec 35) (Cl. 16): 2017 & IS 302 (Part -1): 2008 | |
| 90. | Electric instantaneous water heaters | Leakage Current and Electric Strength at Operating Temperature | IS 302 (Part-2/Sec 35) (Cl. 13): 2017 & IS 302 (Part -1): 2008 | |
| 91. | Electric instantaneous water heaters | Marking | IS 302 (Part-2/Sec 35) (Cl. 7): 2017 & IS 302 (Part -1): 2008 | |
| 92. | Electric instantaneous water heaters | Mechanical Strength | IS 302 (Part-2/Sec 35) (Cl. 21): 2017 & IS 302 (Part -1): 2008 | |
| 93. | Electric instantaneous water heaters | Moisture Resistance | IS 302 (Part-2/Sec 35) (Cl. 15): 2017 & IS 302 (Part -1): 2008 | |
| 94. | Electric instantaneous water heaters | Power Input & Current | IS 302 (Part-2/Sec 35) (Cl. 10): 2017 & IS 302 (Part -1): 2008 | |
| 95. | Electric instantaneous water heaters | Protection against access to live parts | IS 302 (Part-2/Sec 35) (Cl. 8): 2017 & IS 302 (Part -1): 2008 | |
| 96. | Electric instantaneous water heaters | Provision For Earthing | IS 302 (Part-2/Sec 35) (Cl. 27): 2017 & IS 302 (Part -1): 2008 | |
| 97. | Electric instantaneous water heaters | Radiation, Toxicity & Similar Hazard | IS 302 (Part-2/Sec 35) (Cl. 32): 2017 & IS 302 (Part -1): 2008 | |
| 98. | Electric instantaneous water heaters | Resistance to Heat and Fire | IS 302 (Part-2/Sec 35) (Cl. 30): 2017 & IS 302 (Part -1): 2008 | |
| 99. | Electric instantaneous water heaters | Resistance to Rusting | IS 302 (Part-2/Sec 35) (Cl. 31): 2017 & IS 302 (Part -1): 2008 | |
| 100. | Electric instantaneous water heaters | Screws And Connection | IS 302 (Part-2/Sec 35) (Cl. 28): 2017 & IS 302 (Part -1): 2008 | |
| 101. | Electric instantaneous water heaters | Stability and Mechanical Hazards | IS 302 (Part-2/Sec 35) (Cl. 20): 2017 & IS 302 (Part -1): 2008 | |



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| 102. heaters | | Electrical Testing | | | |
|--|---------|--------------------------------|--------------------------------|---------------------------------------|--------------------------|
| Electric instantaneous water heaters | SI. No. | Product(s)/Material of Test | Specific Tests Performed | Test Method | |
| 102. heaters | | Domestic Electrical Appliances | | | |
| Terminals For External IS 302 (Part -1): 2008 IS 302 (Part -1): 2008 IS 302 (Part -2/Sec 35) (Cl. 26): 2017 IS 302 (Part -2/Sec 35) (Cl. 14): 2017 IS 302 (Part -2/Sec 35) (Cl. 14): 2017 IS 302 (Part -2/Sec 35) (Cl. 14): 2017 IS 302 (Part -1): 2008 IS 30 | 102 | Electric instantaneous water | Supply Connection and External | IS 302 (Part-2/Sec 35) (Cl. 25): 2017 | |
| 103. heaters | 102. | heaters | Flexible Cords | & IS 302 (Part -1): 2008 | |
| 104. Electric instantaneous water heaters Transient Over Voltage IS 302 (Part-1): 2008 IS 302 (Part-2/Sec 35) (Cl. 14): 2017 & IS 302 (Part-1): 2008 IS 302 (Par | 102 | Electric instantaneous water | Terminals For External | IS 302 (Part-2/Sec 35) (Cl. 26): 2017 | |
| 104. heaters | 105. | heaters | Conductors | & IS 302 (Part -1): 2008 | |
| 105. Ceiling Fans Abnormal Operation Is 302 (Part-2/Sec 80) (Cl. 19): 2017 & Is 302 (Part-2/Sec 80) (Cl. 19): 2017 & Is 302 (Part-1): 2008 Is 302 (Part-1): 2008 | 104 | Electric instantaneous water | Transient Over Voltage | IS 302 (Part-2/Sec 35) (Cl. 14): 2017 | |
| 105. Ceiling Fans Abnormal Operation & IS 302 (Part -1): 2008 | 104. | heaters | Transient Over Voltage | & IS 302 (Part -1): 2008 | |
| 106. Ceiling Fans Classification IS 302 (Part-2/Sec 80) (Cl. 6): 2017 | 105 | Coiling Fans | Abnormal Operation | IS 302 (Part-2/Sec 80) (Cl. 19): 2017 | |
| 106. Ceiling Fans Classification & IS 302 (Part -1): 2008 107. Ceiling Fans Clearances, Creepage Distances IS 302 (Part -2/Sec 80) (Cl. 29): 2017 108. Ceiling Fans Components IS 302 (Part -1): 2008 109. Ceiling Fans Construction IS 302 (Part -1): 2008 110. Ceiling Fans Heating S 302 (Part -1): 2008 111. Ceiling Fans Internal wiring IS 302 (Part -1): 2008 112. Ceiling Fans Leakage Current and Electric Strength & IS 302 (Part -1): 2008 113. Ceiling Fans Leakage Current and Electric Strength at Operating Temperature IS 302 (Part -1): 2008 114. Ceiling Fans Marking IS 302 (Part -1): 2008 115. Ceiling Fans Marking IS 302 (Part -1): 2008 116. Ceiling Fans Marking IS 302 (Part -1): 2008 117. Ceiling Fans Marking IS 302 (Part -1): 2008 118. Ceiling Fans Marking IS 302 (Part -1): 2008 119. Ceiling Fans Marking IS 302 (Part -1): 2008 110. Ceiling Fans Marking IS 302 (Part -1): 2008 111. Ceiling Fans Marking IS 302 (Part -1): 2008 112. Ceiling Fans Marking IS 302 (Part -2/Sec 80) (Cl. 7): 2017 113. Ceiling Fans Marking IS 302 (Part -2/Sec 80) (Cl. 7): 2017 114. Ceiling Fans Classification Strength at Operating Temperature IS 302 (Part -2/Sec 80) (Cl. 7): 2017 115. Ceiling Fans Classification Classific | 105. | Celling Fails | Abrioritiai Operation | & IS 302 (Part -1): 2008 | |
| Ceiling Fans Ceiling Fans Components IS 302 (Part-2/Sec 80) (Cl. 29): 2017 & IS 302 (Part-2/Sec 80) (Cl. 24): 2017 & IS 302 (Part-2/Sec 80) (Cl. 24): 2017 & IS 302 (Part-1): 2008 IS | 106 | Coiling Fans | Classification | IS 302 (Part-2/Sec 80) (Cl. 6): 2017 | |
| 107. Ceiling Fans and Solid Insulation & IS 302 (Part -1): 2008 108. Ceiling Fans Components IS 302 (Part -2/Sec 80) (Cl. 24): 2017 & IS 302 (Part -1): 2008 109. Ceiling Fans Construction IS 302 (Part -2/Sec 80) (Cl. 22): 2017 & IS 302 (Part -1): 2008 110. Ceiling Fans Heating S 302 (Part -2/Sec 80) (Cl. 11): 2017 & IS 302 (Part -1): 2008 111. Ceiling Fans Internal wiring IS 302 (Part -2/Sec 80) (Cl. 23): 2017 & IS 302 (Part -1): 2008 112. Ceiling Fans Leakage Current and Electric Strength IS 302 (Part -2/Sec 80) (Cl. 16): 2017 & IS 302 (Part -1): 2008 113. Ceiling Fans Leakage Current and Electric Strength at Operating Temperature IS 302 (Part -2/Sec 80) (Cl. 13): 2017 & IS 302 (Part -1): 2008 114. Ceiling Fans Marking IS 302 (Part -2/Sec 80) (Cl. 7): 2017 | 100. | Celling Fails | Classification | & IS 302 (Part -1): 2008 | |
| 108. Ceiling Fans Components IS 302 (Part -1): 2008 109. Ceiling Fans Construction IS 302 (Part -1): 2008 110. Ceiling Fans Construction IS 302 (Part -1): 2008 111. Ceiling Fans Heating S 302 (Part -1): 2008 112. Ceiling Fans Internal wiring IS 302 (Part -1): 2008 113. Ceiling Fans Leakage Current and Electric IS 302 (Part -1): 2008 114. Ceiling Fans Leakage Current and Electric IS 302 (Part -1): 2008 115. Ceiling Fans Leakage Current and Electric IS 302 (Part -1): 2008 116. Ceiling Fans Leakage Current and Electric IS 302 (Part -1): 2008 117. Ceiling Fans Leakage Current and Electric IS 302 (Part -1): 2008 118. Ceiling Fans Leakage Current and Electric IS 302 (Part -1): 2008 119. Ceiling Fans Leakage Current and Electric IS 302 (Part -1): 2008 110. Ceiling Fans IS 302 (Part -1): 2008 111. Ceiling Fans IS 302 (Part -1): 2008 112. Ceiling Fans IS 302 (Part -1): 2008 113. Ceiling Fans IS 302 (Part -1): 2008 114. Ceiling Fans IS 302 (Part -1): 2008 115. Ceiling Fans IS 302 (Part -1): 2008 116. Ceiling Fans IS 302 (Part -1): 2008 117. Ceiling Fans IS 302 (Part -1): 2008 118. Ceiling Fans IS 302 (Part -1): 2008 119. Ceiling Fans IS 302 (Part -1): 2008 110. Ceiling Fans IS 302 (Part -1): 2008 111. Ceiling Fans IS 302 (Part -1): 2008 112. Ceiling Fans IS 302 (Part -1): 2008 113. Ceiling Fans IS 302 (Part -1): 2008 114. Ceiling Fans IS 302 (Part -1): 2008 115. Ceiling Fans IS 302 (Part -1): 2008 116. Ceiling Fans IS 302 (Part -1): 2008 117. Ceiling Fans IS 302 (Part -1): 2008 118. Ceiling Fans IS 302 (Part -1): 20 | 107 | Ceiling Fans | Clearances, Creepage Distances | IS 302 (Part-2/Sec 80) (Cl. 29): 2017 | |
| 108. Ceiling Fans Components & IS 302 (Part -1): 2008 109. Ceiling Fans Construction IS 302 (Part -2/Sec 80) (Cl. 22): 2017 8 | 107. | | and Solid Insulation | & IS 302 (Part -1): 2008 | |
| 109. Ceiling Fans Construction IS 302 (Part-2/Sec 80) (Cl. 22): 2017 | 100 | Cailing Fans | Components | IS 302 (Part-2/Sec 80) (Cl. 24): 2017 | |
| 109. Ceiling Fans Construction & IS 302 (Part -1): 2008 110. Ceiling Fans Heating S 302 (Part -2/Sec 80) (Cl. 11): 2017 111. Ceiling Fans Internal wiring IS 302 (Part -1): 2008 112. Ceiling Fans Leakage Current and Electric Strength IS 302 (Part -1): 2008 113. Ceiling Fans Leakage Current and Electric Strength at Operating Temperature IS 302 (Part -2/Sec 80) (Cl. 13): 2017 114. Ceiling Fans Marking IS 302 (Part -2/Sec 80) (Cl. 7): 2017 | 100. | Celling Fails | | & IS 302 (Part -1): 2008 | |
| 110. Ceiling Fans Heating S 302 (Part -1): 2008 111. Ceiling Fans Internal wiring Is 302 (Part -1): 2008 112. Ceiling Fans Leakage Current and Electric Strength S 302 (Part -2/Sec 80) (Cl. 23): 2017 113. Ceiling Fans Leakage Current and Electric Strength S 302 (Part -2/Sec 80) (Cl. 16): 2017 114. Ceiling Fans Leakage Current and Electric Is 302 (Part -2/Sec 80) (Cl. 13): 2017 114. Ceiling Fans Marking Is 302 (Part -2/Sec 80) (Cl. 7): 2017 115. Ceiling Fans Marking Is 302 (Part -2/Sec 80) (Cl. 7): 2017 116. Ceiling Fans Marking Is 302 (Part -2/Sec 80) (Cl. 7): 2017 117. Ceiling Fans Marking Is 302 (Part -2/Sec 80) (Cl. 7): 2017 118. Ceiling Fans Marking Is 302 (Part -2/Sec 80) (Cl. 7): 2017 119. Ceiling Fans Marking Is 302 (Part -2/Sec 80) (Cl. 7): 2017 110. Ceiling Fans Marking Is 302 (Part -2/Sec 80) (Cl. 7): 2017 111. Ceiling Fans Marking Is 302 (Part -2/Sec 80) (Cl. 7): 2017 112. Ceiling Fans Marking Is 302 (Part -2/Sec 80) (Cl. 7): 2017 113. Ceiling Fans Marking Is 302 (Part -2/Sec 80) (Cl. 7): 2017 114. Ceiling Fans Marking Is 302 (Part -2/Sec 80) (Cl. 7): 2017 115. Ceiling Fans Marking Is 302 (Part -2/Sec 80) (Cl. 7): 2017 116. Ceiling Fans Ceiling Fans Is 302 (Part -2/Sec 80) (Cl. 7): 2017 118. Ceiling Fans Ceiling Fans Is 302 (Part -2/Sec 80) (Cl. 7): 2017 119. Ceiling Fans Ceiling Fans Is 302 (Part -2/Sec 80) (Cl. 7): 2017 110. Ceiling Fans Ceiling Fans Ceiling Fans Is 302 (Part -2/Sec 80) (Cl. 7): 2017 111. Ceiling Fans Ceiling Fans Ceiling Fans Is 302 (Part -2/Sec 80) (Cl. 7): 2017 115. Ceiling Fans Ceilin | 100 | Cailing Fans | Construction | IS 302 (Part-2/Sec 80) (Cl. 22): 2017 | |
| 110. Ceiling Fans Heating & IS 302 (Part -1): 2008 111. Ceiling Fans Internal wiring IS 302 (Part -2/Sec 80) (Cl. 23): 2017 112. Ceiling Fans Leakage Current and Electric IS 302 (Part -2/Sec 80) (Cl. 16): 2017 113. Ceiling Fans Leakage Current and Electric IS 302 (Part -2/Sec 80) (Cl. 16): 2017 114. Ceiling Fans Leakage Current and Electric IS 302 (Part -2/Sec 80) (Cl. 13): 2017 114. Ceiling Fans Marking IS 302 (Part -2/Sec 80) (Cl. 7): 2017 115. Ceiling Fans Marking IS 302 (Part -2/Sec 80) (Cl. 7): 2017 116. Ceiling Fans Marking IS 302 (Part -2/Sec 80) (Cl. 7): 2017 117. Ceiling Fans Marking IS 302 (Part -2/Sec 80) (Cl. 7): 2017 118. Ceiling Fans Marking IS 302 (Part -2/Sec 80) (Cl. 7): 2017 119. Ceiling Fans Marking IS 302 (Part -2/Sec 80) (Cl. 7): 2017 119. Ceiling Fans Marking IS 302 (Part -2/Sec 80) (Cl. 7): 2017 119. Ceiling Fans Marking IS 302 (Part -2/Sec 80) (Cl. 7): 2017 119. Ceiling Fans Marking IS 302 (Part -2/Sec 80) (Cl. 7): 2017 119. Ceiling Fans Marking IS 302 (Part -2/Sec 80) (Cl. 7): 2017 119. Ceiling Fans Ceiling Fa | 105. | Celling Fairs | | | |
| 111. Ceiling Fans Internal wiring Is 302 (Part -1): 2008 112. Ceiling Fans Leakage Current and Electric Is 302 (Part -1): 2008 113. Ceiling Fans Leakage Current and Electric Strength & Is 302 (Part -1): 2008 114. Ceiling Fans Leakage Current and Electric Is 302 (Part -2/Sec 80) (Cl. 13): 2017 115. Ceiling Fans Marking Is 302 (Part -2/Sec 80) (Cl. 13): 2017 116. Ceiling Fans Marking Is 302 (Part -2/Sec 80) (Cl. 7): 2017 117. Ceiling Fans Marking Is 302 (Part -2/Sec 80) (Cl. 7): 2017 118. Ceiling Fans Marking Is 302 (Part -2/Sec 80) (Cl. 7): 2017 119. Ceiling Fans Marking Is 302 (Part -2/Sec 80) (Cl. 7): 2017 119. Ceiling Fans Marking Is 302 (Part -2/Sec 80) (Cl. 7): 2017 119. Ceiling Fans Marking Is 302 (Part -2/Sec 80) (Cl. 7): 2017 119. Ceiling Fans Marking Is 302 (Part -2/Sec 80) (Cl. 7): 2017 119. Ceiling Fans Marking Is 302 (Part -2/Sec 80) (Cl. 7): 2017 119. Ceiling Fans Ceiling Fans Is 302 (Part -2/Sec 80) (Cl. 7): 2017 119. Ceiling Fans Ceiling Fans Is 302 (Part -2/Sec 80) (Cl. 7): 2017 119. Ceiling Fans Ceiling Fans Is 302 (Part -2/Sec 80) (Cl. 7): 2017 119. Ceiling Fans Ceiling Fans Is 302 (Part -2/Sec 80) (Cl. 7): 2017 119. Ceiling Fans Ceiling Fans Is 302 (Part -2/Sec 80) (Cl. 7): 2017 119. Ceiling Fans Ceiling Fans Is 302 (Part -2/Sec 80) (Cl. 7): 2017 119. Ceiling Fans Ceiling Fans Is 302 (Part -2/Sec 80) (Cl. 7): 2017 119. Ceiling Fans Ceiling Fans Is 302 (Part -2/Sec 80) (Cl. 7): 2017 119. Ceiling Fans Ceiling Fans | 110 | Coiling Fans | Heating | S 302 (Part-2/Sec 80) (Cl. 11): 2017 | |
| 111. Ceiling Fans Internal wiring & IS 302 (Part -1): 2008 112. Ceiling Fans Leakage Current and Electric Strength IS 302 (Part -2/Sec 80) (Cl. 16): 2017 113. Ceiling Fans Leakage Current and Electric Strength at Operating Temperature IS 302 (Part -2/Sec 80) (Cl. 13): 2017 114. Ceiling Fans Marking IS 302 (Part -2/Sec 80) (Cl. 7): 2017 | 110. | Celling Falls | Heating | | |
| 112. Ceiling Fans Leakage Current and Electric IS 302 (Part-2/Sec 80) (Cl. 16): 2017 | 111 | Cailing Fans | Internal wiring | IS 302 (Part-2/Sec 80) (Cl. 23): 2017 | |
| Strength Leakage Current and Electric Strength at Operating Temperature Strength & IS 302 (Part -1): 2008 Leakage Current and Electric Strength at Operating Temperature IS 302 (Part-2/Sec 80) (Cl. 13): 2017 Strength at Operating Temperature IS 302 (Part-2/Sec 80) (Cl. 7): 2017 | 111. | Celling Fails | internal wiring | | |
| Strength & IS 302 (Part -1): 2008 Leakage Current and Electric Strength at Operating Temperature IS 302 (Part -2/Sec 80) (Cl. 13): 2017 IS 302 (Part -1): 2008 IS 302 (Part -2/Sec 80) (Cl. 7): 2017 | 112 | Cailing Fans | Leakage Current and Electric | IS 302 (Part-2/Sec 80) (Cl. 16): 2017 | |
| 113. Ceiling Fans Strength at Operating Temperature Strength at Operating Temperature IS 302 (Part-2/Sec 80) (Cl. 13): 2017 & IS 302 (Part-1): 2008 IS 302 (Part-2/Sec 80) (Cl. 7): 2017 | 112. | Celling Fails | Strength | Strength | & IS 302 (Part -1): 2008 |
| Temperature Strength at Operating Temperature & IS 302 (Part -1): 2008 IS 302 (Part-2/Sec 80) (Cl. 7): 2017 | | | Leakage Current and Electric | IS 302 (Part-2/Sec 80) (CL 13): 2017 | |
| Temperature IS 302 (Part-2/Sec 80) (Cl. 7): 2017 | 113. | Ceiling Fans | | , , , , , | |
| 1 11/1 Calling Fanc Marking | | | Temperature | , , | |
| & IS 302 (Part -1): 2008 | 114 | Ceiling Fans | Marking | 1 | |
| (X 15 502 (1 till 2 1): 2000 | 117. | Cennig rans | Iviai kiilg | & IS 302 (Part -1): 2008 | |



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Valid from: 24 July 2023 Valid until: 23 July 2025

| | Electrical Testing | | | |
|---------|--------------------------------|-----------------------------------|---------------------------------------|--|
| SI. No. | Product(s)/Material of Test | Specific Tests Performed | Test Method | |
| | Domestic Electrical Appliances | | | |
| 115. | Ceiling Fans | Mechanical Strength | IS 302 (Part-2/Sec 80) (Cl. 21): 2017 | |
| 115. | Celling Fails | Mechanical Strength | & IS 302 (Part -1): 2008 | |
| 116. | Ceiling Fans | Moisture Resistance | IS 302 (Part-2/Sec 80) (Cl. 15): 2017 | |
| 110. | Centrig Faris | Worsture Resistance | & IS 302 (Part -1): 2008 | |
| 117. | Ceiling Fans | Power Input & Current | IS 302 (Part-2/Sec 80) (Cl. 10): 2017 | |
| 117. | Celling Fails | Tower input & current | & IS 302 (Part -1): 2008 | |
| 118. | Ceiling Fans | Protection against access to live | IS 302 (Part-2/Sec 80) (Cl. 8): 2017 | |
| 110. | Centrig Faris | parts | & IS 302 (Part -1): 2008 | |
| 119. | Ceiling Fans | Provision For Earthing | IS 302 (Part-2/Sec 80) (Cl. 27): 2017 | |
| 113. | Centrig Taris | | & IS 302 (Part -1): 2008 | |
| 120. | Ceiling Fans | Radiation, Toxicity & Similar | IS 302 (Part-2/Sec 80) (Cl. 32): 2017 | |
| 120. | Celling Falls | Hazard | & IS 302 (Part -1): 2008 | |
| 121. | Ceiling Fans | Rating | IS 302 (Part-2/Sec 80) (Cl. 5): 2017 | |
| 121. | Centrig Turis | nating | & IS 302 (Part -1): 2008 | |
| 122. | Ceiling Fans | Resistance to Heat and Fire | S 302 (Part-2/Sec 80) (Cl. 30): 2017 | |
| 122. | Centrig Faris | Resistance to ricut and rice | & IS 302 (Part -1): 2008 | |
| 123. | Ceiling Fans | Resistance to Rusting | S 302 (Part-2/Sec 80) (Cl. 31): 2017 | |
| | centrig ratio | Mediatariae to Masting | & IS 302 (Part -1): 2008 | |
| 124. | Ceiling Fans | Screws And Connection | S 302 (Part-2/Sec 80) (Cl. 28): 2017 | |
| | ŭ | | & IS 302 (Part -1): 2008 | |
| 125. | Ceiling Fans | Stability and Mechanical | S 302 (Part-2/Sec 80) (Cl. 20): 2017 | |
| | | Hazards | & IS 302 (Part -1): 2008 | |
| 126. | Ceiling Fans | Supply Connection and External | S 302 (Part-2/Sec 80) (Cl. 25): 2017 | |
| | | Flexible Cords | & IS 302 (Part -1): 2008 | |
| 127. | Ceiling Fans | Terminals For External | S 302 (Part-2/Sec 80) (Cl. 26): 2017 | |
| | | Conductor | & IS 302 (Part -1): 2008 | |
| 128. | Ceiling Fans | Transient over voltage | S 302 (Part-2/Sec 80) (Cl. 14): 2017 | |
| 128. | Cening Falls | Transient over voitage | & IS 302 (Part -1): 2008 | |



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| | Electrical Testing | | | |
|---------|---|--|---|--|
| Sl. No. | Product(s)/Material of Test | Specific Tests Performed | Test Method | |
| | Domestic Electrical Appliances | | | |
| 129. | Mineral Filed Sheathed Heating Element | Abnormal Operation | IS 4159 (Cl.19): 2021 & IS 302 (Part-1):2008 | |
| 130. | Mineral Filed Sheathed Heating Element | Clearances, Creepage Distances and Solid Insulation | IS 4159 (Cl.29): 2021 & IS 302 (Part-1):2008 | |
| 131. | Mineral Filed Sheathed Heating Element | Components | IS 4159 (Cl.24): 2021 & IS 302 (Part-1):2008 | |
| 132. | Mineral Filed Sheathed Heating Element | Construction | IS 4159 (Cl.22): 2021 & IS 302 (Part-1):2008 | |
| 133. | Mineral Filed Sheathed Heating Element | Electrical Insulation and Leakage Current at Operating Temperature | IS 4159 (Cl.13): 2021 & IS 302 (Part-1):2008 | |
| 134. | Mineral Filed Sheathed Heating Element | Endurance | IS 4159 (Cl.18): 2021 & IS 302 (Part-1):2008 | |
| 135. | Mineral Filed Sheathed Heating Element | Finish | IS 4159 (Cl.33): 2021 & IS 302 (Part-1):2008 | |
| 136. | Mineral Filed Sheathed Heating Element | Input Power & Current | IS 4159 (Cl.10): 2021 & IS 302 (Part-1):2008 | |
| 137. | Mineral Filed Sheathed Heating Element | Insulation Resistance and Electric Strength | IS 4159 (Cl.16): 2021 & IS 302 (Part-1):2008 | |
| 138. | Mineral Filed Sheathed Heating Element | Internal wiring | IS 4159 (Cl.23): 2021 & IS 302 (Part-1):2008 | |
| 139. | Mineral Filed Sheathed Heating Element | Mechanical Strength | IS 4159 (Cl.21): 2021 & IS 302 (Part-1):2008 | |
| 140. | Mineral Filed Sheathed Heating Element | Moisture Resistance | IS 4159 (Cl.15): 2021 & IS 302 (Part-1):2008 | |
| 141. | Mineral Filed Sheathed Heating Element | Protection against access to live parts | IS 4159 (Cl.8): 2021 & IS 302 (Part-1):2008 | |



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QAI/CLA/TL/2023/0017

Valid from: 24 July 2023 Valid until: 23 July 2025

| | Electrical Testing | | | |
|---------|---|--------------------------------|---------------------------------------|--|
| SI. No. | Product(s)/Material of Test | Specific Tests Performed | Test Method | |
| | Domestic Electrical Appliances | | | |
| 142. | Mineral Filed Sheathed Heating | Provision For Earthing | IS 4159 (Cl.27): 2021 & | |
| 142. | Element | 1 TOVISION FOR Earthing | IS 302 (Part-1):2008 | |
| 143. | Mineral Filed Sheathed Heating | Resistance to Heat and Fire | IS 4159 (Cl.30): 2021 & | |
| 143. | Element | Resistance to freat and fire | IS 302 (Part-1):2008 | |
| 144. | Mineral Filed Sheathed Heating | Resistance to Rusting | IS 4159 (Cl.31): 2021 & | |
| 177. | Element | Mesistance to Musting | IS 302 (Part-1):2008 | |
| 145. | Mineral Filed Sheathed Heating | Screws And Connection | IS 4159 (Cl.28): 2021 & | |
| 143. | Element | Serews And Connection | IS 302 (Part-1):2008 | |
| 146. | Mineral Filed Sheathed Heating | Stability and Mechanical | IS 4159 (Cl.20): 2021 & | |
| 140. | Eleme <mark>nt</mark> | Hazards | IS 302 (Part-1):2008 | |
| 147. | Mine <mark>ra</mark> l Filed Sheathed Heating | Supply Connection and External | IS 4159 (Cl.25): 2021 & | |
| 147. | E <mark>le</mark> ment | Flexible Cords | IS 302 (Part-1):2008 | |
| 148. | Mineral Filed Sheathed Heating | Temperature Rise | IS 4159 (Cl.11): 2021 & | |
| 140. | <u>Ele</u> ment | | IS 302 (Part-1):2008 | |
| 149. | Mineral Filed Sheathed Heating | Terminals For External | IS 4159 (Cl.26): 2021 & | |
| 143. | Element | Conductors | IS 302 (Part-1):2008 | |
| 150. | Mineral Filed Sheathed Heating | Marking and Instruction | IS 4159 (Cl.7): 2021 | |
| | Element | | IS 202 (Day 2 Co. 204) (Cl.10), 2000 | |
| 151. | Electric immersion water heater | Abnormal Operation | IS 302 (Part-2 Sec 201) (Cl.19): 2008 | |
| | | · | & IS 302 (Part-1): 2008 | |
| 152. | Electric immersion water heater | Classification | IS 302 (Part-2/Sec 201) (Cl.6): 2008 | |
| | | Classica Circums Distance | & IS 302 (Part -1): 2008 | |
| 153. | Electric immersion water heater | Clearances, Creepage Distances | IS 302 (Part-2/Sec 201) (Cl. 29): | |
| | | and Solid Insulation | 2008 & IS 302 (Part -1): 2008 | |
| 154. | Electric immersion water heater | Components | IS 302 (Part-2/Sec 201) (Cl. 24): | |
| | | | 2008 & IS 302 (Part -1): 2008 | |
| 155. | Electric immersion water heater | Construction | IS 302 (Part-2/Sec 201) (Cl. 22): | |
| | | | 2008 & IS 302 (Part -1): 2008 | |



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| | Electrical Testing | | | |
|---------|------------------------------------|-----------------------------------|---------------------------------------|--|
| SI. No. | Product(s)/Material of Test | Specific Tests Performed | Test Method | |
| | Domestic Electrical Appliances | | | |
| 156. | Electric immersion water heater | Heating | IS 302 (Part-2/Sec 201) (Cl. 11): | |
| 130. | Liectric irrinlersion water neater | Heating | 2008 & IS 302 (Part -1): 2008 | |
| 157. | Electric immersion water heater | Internal wiring | IS 302 (Part-2/Sec 201) (Cl. 23): | |
| | Electric miniersion water neater | mterrial wiring | 2008 & IS 302 (Part -1): 2008 | |
| | | Leakage Current and Electric | IS 302 (Part-2/Sec | |
| 158. | Electric immersion water heater | Strength | 201) (Cl. 16): 2008 & | |
| | | <u> </u> | IS 302 (Part -1): 2008 | |
| | | Leakage Current and Electric | IS 302 (Part-2/Sec 201) (Cl. 13): | |
| 159. | Electric immersion water heater | Strength at Operating | 2008 & IS 302 (Part -1): 2008 | |
| | | Temperature | · | |
| 160. | Electric immersion water heater | Marking | IS 302 (Part-2/Sec 201) (Cl. 7): 2008 | |
| | | | & IS 302 (Part -1): 2008 | |
| 161. | Electric immersion water heater | Mechanical Strength | IS 302 (Part-2/Sec 201) (Cl. 21): | |
| | | | 2008 & IS 302 (Part -1): 2008 | |
| 162. | Electric immersion water heater | Moisture Resistance | IS 302 (Part-2/Sec 201) (Cl. 15): | |
| | | | 2008 & IS 302 (Part -1): 2008 | |
| 163. | Electric immersion water heater | Power Input & Current | IS 302 (Part-2/Sec 201) (Cl. 10): | |
| | | · | 2008 & IS 302 (Part -1): 2008 | |
| 164. | Electric immersion water heater | Protection against access to live | IS 302 (Part-2/Sec 201) (Cl. 8): 2008 | |
| | | parts | & IS 302 (Part -1): 2008 | |
| 165. | Electric immersion water heater | Provision For Earthing | IS 302 (Part-2/Sec 201) (Cl. 27): | |
| | | Ţ. | 2008 & IS 302 (Part -1): 2008 | |
| 166. | Electric Immersion water Heater | Radiation, Toxicity & Similar | IS 302 (Part-2/Sec 201) (Cl. 32): | |
| | | Hazard | 2008 & IS 302 (Part -1): 2008 | |
| 167. | Electric Immersion water Heater | Radiation, Toxicity & Similar | IS 368 (Cl.32): 2014 | |
| | | Hazard | & IS 302 (Part-1):2008 | |
| 168. | Electric Immersion water Heater | ater Resistance to Heat and Fire | IS 368 (Cl.30): 2014 | |
| 100. | Licetie illinersion water rieuter | | & IS 302 (Part-1):2008 | |





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| | Electrical Testing | | | |
|---------|----------------------------------|--|--|--|
| SI. No. | Product(s)/Material of Test | Specific Tests Performed | Test Method | |
| | Domestic Electrical Appliances | | | |
| 169. | Electric immersion water heater | Resistance to Heat and Fire | IS 302 (Part-2/Sec 201) (Cl. 30): 2008 & IS 302 (Part -1): 2008 | |
| 170. | Electric immersion water heater | Resistance to Rusting | IS 302 (Part-2/Sec 201) (Cl. 31): 2008 & IS 302 (Part -1): 2008 | |
| 171. | Electric Immersion water Heater | Resistance to Rusting | IS 368 (Cl.31): 2014 & IS 302 (Part- 1):2008 | |
| 172. | Electric immersion water heater | Stability and Mechanical Hazards | IS 302 (Part-2/Sec 201) (Cl. 20): 2008 & IS 302 (Part -1): 2008 | |
| 173. | Electric immersion water heater | Supply Connection and External Flexible Cords | IS 302 (Part-2/Sec 201) (Cl. 25): 2008 & IS 302 (Part -1): 2008 | |
| 174. | Electric immersion water heater | Terminals For External Conductors | IS 302 (Part-2/Sec 201) (Cl. 26): 2008 & IS 302 (Part -1): 2008 | |
| 175. | Electric immersion water heater | Transient over voltage | IS 302 (Part-2/Sec 201) (Cl. 14): 2008 & IS 302 (Part -1): 2008 | |
| 176. | Electric Immersion water heaters | Abnormal Operation | IS 368 (Cl.19): 2014 & IS 302 (Part-1):2008 | |
| 177. | Electric Immersion water heaters | Classification | IS 368 (Cl.6): 2014 & IS 302 (Part-1): 2008 | |
| 178. | Electric Immersion water heaters | Clearances, Creepage Distances and Solid Insulation | IS 368 (Cl.29): 2014 & IS 302 (Part-1):2008 | |
| 179. | Electric Immersion water heaters | Components | IS 368 (Cl.24): 2014 & IS 302 (Part-1):2008 | |
| 180. | Electric Immersion water heaters | Construction | IS 368 (Cl.22): 2014 & IS 302 (Part-1):2008 | |
| 181. | Electric Immersion water heaters | Electrical Insulation and Leakage Current at Operating Temperature | IS 368 (Cl.13): 2014 & IS 302 (Part-1): 2008 | |



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|--------------------|--------------------------------|--|--|
| Sl. No. | Product(s)/Material of Test | Specific Tests Performed | Test Method |
| | Domestic Electrical Appliances | | |
| 182. | Electric Immersion water | Endurance | IS 368 (Cl.18): 2014 |
| 102. | heaters | Litatiance | & IS 302 (Part-1):2008 |
| 183. | Electric Immersion water | Input Power & Current | IS 368 (Cl.10): 2014 |
| 105. | heaters | · | & IS 302 (Part-1):2008 |
| | | Insulation Resistance and | IS 368 (Cl.16): 2014 |
| 184. | Electric Immersion water | Electric Strength (After Humidity | & IS 302 (Part-1):2008 |
| | heaters | Treatment) | , |
| 185. | Electric Immersion water | Internal wiring | IS 368 (Cl.23): 2014 |
| | heaters | 3 | & IS 302 (Part-1):2008 |
| 186. | Electric Immersion water | Marking | IS 368 (Cl.7): 2014 & IS 302 (Part-1): |
| | heaters | | 2008 |
| 187. | Electric Immersion water | Mechanical Strength | IS 368 (Cl.21): 2014 |
| | heaters | | & IS 302 (Part-1):2008 |
| 188. | Electric Immersion water | Moisture Resistance | IS 368 (Cl.15): 2014 |
| | heaters | Operation under overload | & IS 302 (Part-1):2008 |
| 189. | Electric Immersion water | conditions of appliances with heating elements | IS 368 (Cl. 12): 2014 |
| 169. | heaters | | & IS 302 (Part-1):2008 |
| | Electric Immersion water | Protection against access to live | IS 368 (Cl.8): 2014 & IS 302 (Part-1): |
| 190. | heaters | parts | 2008 |
| | Electric Immersion water | | IS 368 (Cl.27): 2014 |
| 191. | heaters | Provision For Earthing | & IS 302 (Part-1):2008 |
| | Electric Immersion water | Screws And Connection | IS 368 (Cl.28): 2014 |
| 192. | heaters | | & IS 302 (Part-1):2008 |
| 193. | Electric Immersion water | Stability and Mechanical | IS 368 (Cl.20): 2014 |
| | heaters | Hazards | & IS 302 (Part-1):2008 |
| 404 | Electric Immersion water | Supply Connection and External | IS 368 (Cl.25): 2014 |
| 194. | heaters | Flexible Cords | & IS 302 (Part-1):2008 |



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| Electrical Testing | | | |
|--------------------|--|---|---|
| SI. No. | Product(s)/Material of Test | Specific Tests Performed | Test Method |
| | Domestic Electrical Appliances | | |
| 195. | Electric Immersion water heaters | Temperature Rise | IS 368 (Cl.11): 2014 & IS 302 (Part-1):2008 |
| 196. | Electric Immersion water heaters | Terminals For External Conductors | IS 368 (Cl.26): 2014 & IS 302 (Part-1):2008 |
| 197. | Electric Immersion water heaters | Transient over voltage | IS 368 (Cl.14): 2014 & IS 302 (Part-1):2008 |
| 198. | Electric Instantaneous water Heaters | Endurance | IS 8978 (Cl. 12): 1992 |
| 199. | Electric I <mark>nsta</mark> ntaneous water Heater <mark>s</mark> | Finish | IS 8978(Cl. 10): 1992 |
| 200. | Electric Instantaneous water Heaters | Operation of Flow Switch | IS 8978 (Cl. 11): 1992 |
| 201. | Stationary Storage Type Electric water Heater | Abnormal Operation | IS 302 (Part-2 Sec 21) (Cl.19):2018 & 302 (Part-1): 2008 |
| 202. | Stationary Storage Type Electric water Heater | Classification | IS 302 (Part-2/Sec 201) (Cl. 6): 2008 & IS 302 (Part -1): 2008 |
| 203. | Stationary Storage Type Electric water Heater | Clearances, Creepage Distances and Solid Insulation | IS 302 (Part-2/Sec 21) (Cl. 29): 2018 & IS 302 (Part -1): 2008 |
| 204. | Stationary Storage Type Electric water Heater | Components | IS 302 (Part-2/Sec 21) (Cl. 24): 2018 & IS 302 (Part -1): 2008 |
| 205. | Stationary Storage Type Electric water Heater | Construction | IS 302 (Part-2/Sec 21) (Cl. 22): 2018 & IS 302 (Part -1): 2008 |
| 206. | Stationary Storage Type Electric water Heater | Heating | IS 302 (Part-2/Sec 21) (Cl. 11): 2018 & IS 302 (Part -1): 2008 |
| 207. | Stationary Storage Type Electric water Heater | Internal wiring | IS 302 (Part-2/Sec 21) (Cl. 23): 2018 & IS 302 (Part -1): 2008 |



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| | Electrical Testing | | | |
|---------|---|--|---|--|
| SI. No. | Product(s)/Material of Test | Specific Tests Performed | Test Method | |
| | Domestic Electrical Appliances | | | |
| 208. | Stationary Storage Type Electric water Heater | Leakage Current and Electric Strength at Operating Temperature | IS 302 (Part-2/Sec 21) (Cl. 13): 2018 & IS 302 (Part -1): 2008 | |
| 209. | Stationary Storage Type Electric water Heater | Leakage Current and Electric Strength | IS 302 (Part-2/Sec 21) (Cl. 16): 2018 & IS 302 (Part -1): 2008 | |
| 210. | Stationary Storage Type Electric water Heater | Marking | IS 302 (Part-2/Sec 21) (Cl. 7): 2018 & IS 302 (Part -1): 2008 | |
| 211. | Stationary Storage Type Electric water Heater | Mechanical Strength | IS 302 (Part-2/Sec 21) (Cl. 21): 2018 & IS 302 (Part -1): 2008 | |
| 212. | Stationary Storage Type Electric water Heater | Moisture Resistance | IS 302 (Part-2/Sec 21) (Cl. 15): 2018 & IS 302 (Part -1): 2008 | |
| 213. | Stationary Storage Type Electric water Heater | Power Input & Current | IS 302 (Part-2/Sec 21) (Cl. 10): 2018 & IS 302 (Part -1): 2008 | |
| 214. | Stationary Storage Type Electric water Heater | Protection against access to live parts | IS 302 (Part-2/Sec 21) (Cl. 8): 2018 & IS 302 (Part -1): 2008 | |
| 215. | Stationary Storage Type Electric water Heater | Provision For Earthing | IS 302 (Part-2/Sec 21) (Cl. 27): 2018 & IS 302 (Part -1): 2008 | |
| 216. | Stationary Storage Type Electric water Heater | Radiation, Toxicity and Similar Hazard | IS 302 (Part-2/Sec 21) (Cl. 32): 2018 & IS 302 (Part -1): 2008 | |
| 217. | Stationary Storage Type Electric water Heater | Resistance to Heat and Fire | IS 302 (Part-2/Sec 21) (Cl. 30): 2018 & IS 302 (Part -1): 2008 | |
| 218. | Stationary Storage Type Electric water Heater | Resistance to Rusting | IS 302 (Part-2/Sec 21) (Cl. 31): 2018 & IS 302 (Part -1): 2008 | |
| 219. | Stationary Storage Type Electric water Heater | Screws And Connection | IS 302 (Part-2/Sec 21) (Cl. 28): 2018 & IS 302 (Part -1): 2008 | |
| 220. | Stationary Storage Type Electric water Heater | Stability and Mechanical Hazards | IS 302 (Part-2/Sec 21) (Cl. 20): 2018 & IS 302 (Part -1): 2008 | |



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| Electrical Testing | | | |
|--------------------|--|---|---|
| Sl. No. | Product(s)/Material of Test | Specific Tests Performed | Test Method |
| | Domestic Electrical Appliances | | |
| 221. | Stationary Storage Type Electric | Supply Connection and External | IS 302 (Part-2/Sec 21) (Cl. 25): 2018 |
| | water Heater | Flexible Cords | & IS 302 (Part -1): 2008 |
| 222. | Stationary Storage Type Electric | Terminals For External | IS 302 (Part-2/Sec 21) (Cl. 26): 2018 |
| | water Heater | Conductors | & IS 302 (Part -1): 2008 |
| 223. | Stationary Storage Type Electric water Heater | Transient over voltage | IS 302 (Part-2/Sec 21) (Cl. 14): 2018 & IS 302 (Part -1): 2008 |
| 224. | Stationary Storage Type Electric water Heaters | Cyclic Temperature Variation | IS 2082 (Cl. 20): 2018 |
| 225. | Stationary Storage Type Electric water Heaters | Deviation from Dial Calibration | IS 2082 (Cl. 19): 2018 |
| 226. | Stationary Storage Type Electric water Heaters | Finish | IS 2082 (Cl. 21): 2007 |
| 227. | Stationary Storage Type Electric water Heaters | Hot water Output | IS 2082 (Cl. 16): 2007 |
| 228. | Stationary Storage Type Electric water Heaters | Mixing Factor | IS 2082 (Cl. 18): 2018 |
| 229. | Stationary Storage Type Electric water Heaters | Reheating Time | IS 2082 (Cl. 17): 2018 |
| 230. | Stationary Storage Type Electric water Heaters | Standing Loss per 24 hours | IS 2082 (Cl. 15): 2018 |
| 231. | Stationary Storage Type Electric water Heaters | Verification of the Rated Capacity | IS 2082 (Cl. 14): 2018 |
| 232. | Electric Kitchen Machines (Hand Blender Only) | Abnormal Operation | IS 302 (Part-2/Sec 14) (Cl. 19): 2009 & IS 302 (Part -1): 2008 |
| 233. | Electric Kitchen Machines (Hand Blender Only) | Classification | IS 302 (Part-2/Sec 14) (Cl. 6): 2009 & IS 302 (Part -1): 2008 |
| 234. | Electric Kitchen Machines (Hand Blender Only) | Clearances, Creepage Distances and Solid Insulation | IS 302 (Part-2/Sec 14) (Cl. 29): 2009 & IS 302 (Part -1): 2008 |





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| Electrical Testing | | | |
|--------------------|--|--|---|
| SI. No. | Product(s)/Material of Test | Specific Tests Performed | Test Method |
| | Domestic Electrical Appliances | | |
| 235. | Electric Kitchen Machines (Hand Blender Only) | Components | IS 302 (Part-2/Sec 14) (Cl. 24): 2009 & IS 302 (Part -1): 2008 |
| 236. | Electric Kitchen Machines (Hand Blender Only) | Construction | IS 302 (Part-2/Sec 14) (Cl. 22): 2009 & IS 302 (Part -1): 2008 |
| 237. | Electric Kitchen Machines (Hand Blender Only) | Internal wiring | IS 302 (Part-2/Sec 14) (Cl. 23): 2009 & IS 302 (Part -1): 2008 |
| 238. | Electric Kitchen Machines (Hand Blender Only) | Leakage Current and Electric Strength | IS 302 (Part-2/Sec 14) (Cl. 16): 2009 & IS 302 (Part -1): 2008 |
| 239. | Electric Kitchen Machines (Hand Blender Only) | Leakage Current and electric Strength at Operating Temperature | IS 302 (Part-2/Sec 14) (Cl. 13): 2009 & IS 302 (Part -1): 2008 |
| 240. | Electric Kitchen Machines (Hand Blender Only) | Marking | IS 302 (Part-2/Sec 14) (Cl. 7): 2009 & IS 302 (Part -1): 2008 |
| 241. | Electric Kitchen Machines (Hand Blender Only) | Mechanical Strength | IS 302 (Part-2/Sec 14) (Cl. 21): 2009 & IS 302 (Part -1): 2008 |
| 242. | Electric Kitchen Machines (Hand Blender Only) | Moisture Resistance | IS 302 (Part-2/Sec 14) (Cl. 15): 2009 & IS 302 (Part -1): 2008 |
| 243. | Electric Kitchen Machines (Hand Blender Only) | Power Input & Current | IS 302 (Part-2/Sec 14) (Cl. 10): 2009 & IS 302 (Part -1): 2008 |
| 244. | Electric Kitchen Machines (Hand Blender Only) | Protection against access to live parts | IS 302 (Part-2/Sec 14) (Cl. 8): 2009 & IS 302 (Part -1): 2008 |
| 245. | Electric Kitchen Machines (Hand Blender Only) | Provision For Earthing | IS 302 (Part-2/Sec 14) (Cl. 27): 2009 & IS 302 (Part -1): 2008 |
| 246. | Electric Kitchen Machines | Radiation, Toxicity & Similar Hazard | IS 302 (Part-2/Sec 14) (Cl. 32): 2009 & IS 302 (Part -1): 2008 |
| 247. | Electric Kitchen Machines | Resistance to Heat and Fire | IS 302 (Part-2/Sec 14) (Cl. 30): 2009 & IS 302 (Part -1): 2008 |





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|--------------------|--------------------------------|---|---------------------------------------|
| SI. No. | Product(s)/Material of Test | Specific Tests Performed | Test Method |
| | Domestic Electrical Appliances | | |
| 248. | Electric Kitchen Machines | Resistance to Rusting | IS 302 (Part-2/Sec 14) (Cl. 31): 2009 |
| 240. | | | & IS 302 (Part -1): 2008 |
| 249. | Electric Kitchen Machines | Screws And Connection | IS 302 (Part-2/Sec 14) (Cl. 28): 2009 |
| 249. | | | & IS 302 (Part -1): 2008 |
| 250. | Electric Kitchen Machines | Stability and Mechanical | IS 302 (Part-2/Sec 14) (Cl. 20): 2009 |
| 230. | | Hazards | & IS 302 (Part -1): 2008 |
| 251. | Electric Kitchen Machines | Supply Connection and External | IS 302 (Part-2/Sec 14) (Cl. 25): 2009 |
| 231. | | Flexible Cords | & IS 302 (Part -1): 2008 |
| 252. | Electric Kitchen Machines | tchen Machines Temperature Rise | IS 302 (Part-2/Sec 14) (Cl. 11): 2009 |
| 232. | | Temperature Rise | & IS 302 (Part -1): 2008 |
| 253. | Electric Kitchen Machines | Terminals For External | IS 302 (Part-2/Sec 14) (Cl. 26): 2009 |
| 255. | | Conductors | & IS 302 (Part -1): 2008 |
| 254. | Electric Kitchen Machines | ric Kitchen Machines Transient over voltage | IS 302 (Part-2/Sec14) (Cl. 14): 2009 |
| 254. | | | & IS 302 (Part -1): 2008 |



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Accreditation Standard: ISO/IEC 17025:2017

| | Electrical Testing | | | |
|---------|--------------------------------|--------------------------|-------------------------------|--|
| Sl. No. | Product(s)/Material of Test | Specific Tests Performed | Test Method | |
| | Ingress Protection Test | | | |
| 1. | Degrees of Protection Provided | Ingress Protection test | IS/IEC 60529:2001 IEC | |
| | by Enclosures (IP CODE) | | 60529:1989+A1:1999 +A2: 2013: | |
| | | | 2001 | |



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