

Quality And Accreditation Institute

Centre for International Accreditation

(formerly Centre for Laboratory Accreditation)



Certificate of Accreditation

Alaipuria Test House Private Limited

Plot No. H-11, Durga Industrial Park, Sahibabad,
Ghaziabad-201005, Uttar Pradesh, 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/CIA/TL/2024/0063

(Date of First Accreditation: 02 July 2024 - 01 July 2026)

Valid from: 02 July 2026

Valid until: 01 July 2028

Dr. Bhupendra Kumar Rana
Chief Executive Officer

Prof. Vikram Kumar
Chair, CIA



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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Transmission Line Equipment		
1.	Low Carbon Galvanized Steel Wires, Formed Wires and Tapes	Mass of Zinc Coating	IS 3975 :1999 RA: 2021
2.	Low Carbon Galvanized Steel Wires, Formed Wires and Tapes	Resistivity Test	IS 3975 :1999 RA: 2021
3.	Low Carbon Galvanized Steel Wires, Formed Wires and Tapes	Torsion Test for Round Wire	IS 3975 :1999 RA: 2021
4.	Low Carbon Galvanized Steel Wires, Formed Wires and Tapes	Uniformity of Zinc Coating	IS 3975 :1999 RA: 2021
5.	Low Carbon Galvanized Steel Wires, Formed Wires and Tapes	Adhesion Test	IS 3975:1999 RA: 2021
6.	Low Carbon Galvanized Steel Wires, Formed Wires and Tapes	Dimensions of Armouring Material	IS 3975:1999 RA: 2021
7.	Low Carbon Galvanized Steel Wires, Formed Wires and Tapes	Joint in armour	IS 3975:1999 RA: 2021
8.	Low Carbon Galvanized Steel Wires, Formed Wires and Tapes	Wrapping Test	IS 3975:1999 RA: 2021

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Transmission Line Equipment		
9.	Low Carbon Galvanized Steel Wires, Formed Wires and Tapes	Winding Test for Formed Wire	IS 3975:1999 RA: 2021
10.	Low Carbon Galvanized Steel Wires, Formed Wires and Tapes	Tensile Strength for armouring material	IS 3975:1999 RA: 2021
11.	Low Carbon Galvanized Steel Wires, Formed Wires and Tapes	Elongation at break for armouring material	IS 3975:1999 RA: 2021
12.	Low Carbon Galvanized Steel Wires, Formed Wires and Tapes	Freedom From Defects	IS 3975:1999 RA: 2021
13.	Methods of test for polyethylene moulding materials and polyethylene compounds	Melt Flow Index	Cl. 7 of IS:2530 - 1963 RA: 2018
14.	Methods of test for polyethylene moulding materials and polyethylene compounds	Vicat Softening Point	Cl. 9 of IS:2530 - 1963 RA: 2018
15.	Methods of test for polyethylene moulding materials and polyethylene compounds	Determination of Carbon Black Content	Cl. 10 of IS:2530 - 1963 RA: 2018

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Transmission Line Equipment		
16.	Methods of test for polyethylene moulding materials and polyethylene compounds	Determination of Carbon Black Dispersion	Cl. 16 of IS:2530 - 1963 RA: 2018
17.	Metallic Materials - Wire	Torsion Test	IS 1717:2018, ISO 7800: 2012
18.	Methods of Chemical Analysis of Copper	Copper Purity	IS 440 : 2025
19.	Aluminium Alloy Strand conductor	Breaking Load	Cl. 12.2, Cl. 5.1, Table 1 of IS 398 (Part 4):1994 RA: 2021
20.	Aluminium Alloy Strand conductor	Calculated Breaking Load of Conductor	Annex B (B-3), Table 2 of IS 398 (Part 4):1994 RA: 2021
21.	Aluminium Alloy Strand conductor	Elongation	Cl. 12.3 of IS 398 (Part 4): 1994 RA: 2021
22.	Aluminium Alloy Strand conductor	Resistance	Cl. 12.4, Table 1 of IS 398 (Part 4):1994 RA: 2021
23.	Aluminium Alloy Stranded conductor	Measurement of Lay Ratio	Cl. 9.2 of IS 398 (Part 4): 1994 RA: 2021
24.	Aluminium Conductor for overhead transformation	Breaking Load Test of individual aluminium wires	Cl. 12.3 of IS 398 (Part 1): 1996 RA: 2018
25.	Aluminium Conductor for overhead transformation	Measurement of diameter of aluminium wire	Cl. 12.2 of IS 398 (Part 1): 1996 RA: 2018

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Transmission Line Equipment		
26.	Aluminium Conductor for overhead transformation	Measurement of Lay Ratio	Cl. 12.6 of IS 398 (Part 1): 1996 RA: 2018
27.	Aluminium Conductor for overhead transformation	Resistance Test of Aluminium Wire	Cl. 12.5 of IS 398 (Part 1): 1996 RA: 2018
28.	Aluminium Conductor for overhead transformation	Wrapping Test of aluminium wire	Cl. 12.4 of IS 398 (Part 1): 1996 RA: 2018
29.	Aluminium Conductor for overhead transmission purpose aluminium conductors and galvanized steel- reinforced	Breaking Load of Individual Aluminium & Steel Wires	Cl. 13.3 of IS 398 (Part 2):1996 RA: 2018
30.	Aluminium Conductor for overhead transmission purpose aluminium conductors and galvanized steel- reinforced	Ductility Test (Elongation)	Cl. 13.4.2 of IS 398 (Part 2):1996 RA: 2018
31.	Aluminium Conductor for overhead transmission purpose aluminium conductors and galvanized steel- reinforced	Galvanizing Test	Cl. 13.7 of IS 398 (Part 2):1996 RA: 2018
32.	Aluminium Conductor for overhead transmission purpose aluminium	Measurement of diameter of individual aluminium and steel wire	Cl. 13.2 of IS 398 (Part 2):1996 RA: 2018

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Transmission Line Equipment		
	conductors and galvanized steel- reinforced		
33.	Aluminium Conductor for overhead transmission purpose aluminium conductors and galvanized steel- reinforced	Measurement of Lay Ratio	Cl. 13.8 of IS 398 (Part 2):1996 RA: 2018
34.	Aluminium Conductor for overhead transmission purpose aluminium conductors and galvanized steel- reinforced	Resistance Test	Cl. 13.6 of IS 398 (Part 2):1996 RA: 2018
35.	Aluminium Conductor for overhead transmission purpose aluminium conductors and galvanized steel- reinforced	Ductility Test (Torsion Test) on Steel Wires	Cl. 13.4.1 of IS 398 (Part 2):1996 RA: 2018
36.	Aluminium Conductor for overhead transmission purpose aluminium conductors and galvanized steel- reinforced	Wrapping Test	Cl. 13.5 of IS 398 (Part 2):1996 RA: 2018
37.	Aluminium conductors, galvanized steel reinforced	Visual examination	Cl. 13.2 of IS 398 (Part 5):1992 RA:2018

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Transmission Line Equipment		
38.	Aluminium conductors, galvanized steel reinforced	Measurement of diameters of individual aluminium and steel wires	Cl. 13.3 of IS 398 (Part 5):1992 RA:2018
39.	Aluminium conductors, galvanized steel reinforced	Measurement of lay ratio of each layer	Cl. 13.4 of IS 398 (Part 5):1992 RA:2018
40.	Aluminium conductors, galvanized steel reinforced	Breaking Load Test	Cl. 13.5 of IS 398 (Part 5):1992 RA:2018
41.	Aluminium conductors, galvanized steel reinforced	Ductility Test (Torsion Test & Elongation Test)	Cl. 13.6 of IS 398 (Part 5):1992 RA:2018
42.	Aluminium conductors, galvanized steel reinforced	Wrapping Test	Cl. 13.7 of IS 398 (Part 5):1992 RA:2018
43.	Aluminium conductors, galvanized steel reinforced	Resistance Test	Cl. 13.8 of IS 398 (Part 5):1992 RA:2018
44.	Aluminium conductors, galvanized steel reinforced	Galvanizing Test	Cl. 13.9 of IS 398 (Part 5):1992 RA:2018
45.	High Conductivity Aluminium Alloy Stranded Conductors	Visual Examination	Cl. 16.2 of IS 398 (Part 6) : 2021
46.	High Conductivity Aluminium Alloy Stranded Conductors	Measurement of Lay Ratio / Direction of Lay	Cl. 16.3 of IS 398 (Part 6) : 2021

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Transmission Line Equipment		
47.	High Conductivity Aluminium Alloy Stranded Conductors	Measurement of diameters of individual Aluminium Alloy wires	Cl. 16.4 of IS 398 (Part 6) : 2021
48.	High Conductivity Aluminium Alloy Stranded Conductors	Breaking Load Test on individual wires	Cl. 16.5 of IS 398 (Part 6) : 2021
49.	High Conductivity Aluminium Alloy Stranded Conductors	Elongation Test	Cl. 16.6 of IS 398 (Part 6) : 2021
50.	High Conductivity Aluminium Alloy Stranded Conductors	Resistivity Test	Cl. 16.7 of IS 398 (Part 6) : 2021
51.	High Conductivity Aluminium Alloy Stranded Conductors	Wrapping Test	Cl. 16.8 of IS 398 (Part 6) : 2021
52.	High Conductivity Aluminium Alloy Stranded Conductors	d.c. Resistance Test on Stranded Conductor	Cl. 16.10 of IS 398 (Part 6) : 2021
53.	Aluminium Conductor for overhead transmission purpose aluminium conductors and galvanized steel- reinforced	Visual Examination	Cl. 13.3 of IS 398 (Part 2) – 2025
54.	Aluminium Conductor for overhead transmission purpose aluminium	Measurement of lay ratio/direction of lay	Cl. 13.5 of IS 398 (Part 2) – 2025

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Transmission Line Equipment		
	conductors and galvanized steel- reinforced		
55.	Aluminium Conductor for overhead transmission purpose aluminium conductors and galvanized steel- reinforced	D.C. Resistance Test on stranded conductor	Cl. 13.12 of IS 398 (Part 2) – 2025
56.	Aluminium Conductor for overhead transmission purpose aluminium conductors and galvanized steel- reinforced	Measurement of diameter of individual Aluminium and Steel Wires	Cl. 13.4 of IS 398 (Part 2) – 2025
57.	Aluminium Conductor for overhead transmission purpose aluminium conductors and galvanized steel- reinforced	Measurement of Overall Diameter (Approx.)	Table 3 of IS 398 (Part 2) – 2025
58.	Aluminium Conductor for overhead transmission purpose aluminium conductors and galvanized steel- reinforced	Breaking Load Test on individual Aluminium and Steel Wires	Cl. 13.6 of IS 398 (Part 2) – 2025
59.	Aluminium Conductor for overhead transmission	Wrapping Test of Individual Aluminium and Steel Wires	Cl. 13.8 of IS 398 (Part 2) – 2025

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Transmission Line Equipment		
	purpose aluminium conductors and galvanized steel- reinforced		
60.	Aluminium Conductor for overhead transmission purpose aluminium conductors and galvanized steel- reinforced	Ductility Test (Torsion Test)	Cl. 13.7.1 of IS 398 (Part 2) – 2025
61.	Aluminium Conductor for overhead transmission purpose aluminium conductors and galvanized steel- reinforced	Ductility Test (Elongation Test)	Cl. 13.7.2 of IS 398 (Part 2) – 2025
62.	Aluminium Conductor for overhead transmission purpose aluminium conductors and galvanized steel- reinforced	Galvanizing Test (Mass of Zinc Coating)	Cl. 13.10.2 of IS 398 (Part 2) – 2025
63.	Aluminium Conductor for overhead transmission purpose aluminium conductors and galvanized steel- reinforced	Galvanizing Test (Uniformity of Zinc Coating)	Cl. 13.10.2 of IS 398 (Part 2) – 2025

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Transmission Line Equipment		
64.	Aluminium Conductor for overhead transmission purpose aluminium conductors and galvanized steel- reinforced	Adherence of Zinc	Cl. 13.10.3 of IS 398 (Part 2) – 2025
65.	Aluminium Conductor for overhead transmission purpose aluminium conductors and galvanized steel- reinforced	D.C. Resistance Test on Individual Aluminium Wires	Cl. 13.9 of IS 398 (Part 2) – 2025
66.	Aluminium Conductor for overhead transmission purpose aluminium conductors and galvanized steel- reinforced	Surface Condition Test	Cl. 13.13 of IS 398 (Part 2):2025
67.	Aluminium Conductor for overhead transmission purpose aluminium conductors and galvanized steel- reinforced	Ultimate Tensile Strength Test on stranded Conductor	Cl. 13.14 of IS 398 (Part 2):2025
68.	Aluminium Conductor for overhead transmission purpose aluminium	Resistance (Calculated) of Conductor	Annex. B, Table 3 of IS 398 (Part 2):2025

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Transmission Line Equipment		
	conductors and galvanized steel- reinforced		
69.	Aluminium Conductor for overhead transmission purpose aluminium conductors and galvanized steel- reinforced	Breaking Load (Calculated) of Conductor	Annex. B, Table 3 of IS 398 (Part 2):2025
70.	Aluminium Conductor for overhead transmission purpose aluminium conductors and galvanized steel- reinforced	Freedom from Defects	Cl. 7 of IS 398 (Part 2) – 2025
71.	Low Carbon galvanized steel wires, formed wires and tapes	Mass of zinc coating	IS 4826:2023
72.	Aluminium Alloy Stranded conductor	Measurement of Diameter	Cl. 3.1.2,7.1.1,7.1.2,7.2.1 of IS 398 (Part 4): 1994 RA: 2021
73.	Aluminium Alloy Stranded conductor	Direction of lay	Cl. 3.1.3 of IS 398 (Part 4): 1994 RA: 2021
74.	Aluminium Alloy Stranded conductor	Cross Sectional Area of Conductor	Table 1 of IS 398 (Part 4):1994 RA: 2021
75.	Aluminium Alloy Stranded conductor	Freedom from Defects	Cl. 6 of IS 398 (Part 4):1994 RA: 2021

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Transmission Line Equipment		
76.	Aluminium Alloy Stranded conductor	Joints in wire	Cl. 8 of IS 398 (Part 4):1994 RA: 2021
77.	Aluminium Alloy Stranded conductor	Resistance (Calculated) of Stranded Conductor	Cl. 7.2.2, Annex-B-2, Table 2 of IS 398 (Part 4):1994 RA: 2021
78.	Aluminium Alloy Stranded conductor	Resistivity Test	Cl. 4.1 of IS 398 (Part 4):1994 RA: 2021
79.	Aluminium Alloy Stranded conductor	Approx. Overall Diameter	Table 2 of IS 398 (Part 4): 1994 RA: 2021
80.	Aluminium Conductor for overhead transformation	Freedom from Defects	Cl. 6 of IS 398 (Part 1): 1996 RA: 2018
81.	Aluminium Conductor for overhead transformation	Joints in wires, Expect During Stranding	Cl. 8 of IS 398 (Part 1): 1996 RA: 2018
82.	Aluminium Conductor for overhead transformation	Direction of lay	Cl. 3.3,12.6 IS 398 (Part 1): 1996 RA: 2018
83.	Aluminium Conductor for overhead transformation	Resistance Test (Calculated) of Stranded Conductor	Annex A.2, Table 2 of IS 398 (Part 1):1996 RA: 2018
84.	Aluminium Conductor for overhead transformation	Breaking Load (Calculated) of Conductor	Annex A.3, Table 2 of IS 398 (Part 1):1996 RA: 2018
85.	Aluminium Conductor for overhead transformation	Measurement of Overall Diameter (Approx.)	Table 2 of IS 398 (Part 1): 1996 RA: 2018

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Transmission Line Equipment		
86.	Aluminium Conductor for overhead transmission purpose aluminium conductors and galvanized steel- reinforced	Freedom from Defects	Cl. 7 of IS 398 (Part 2):1996 RA: 2018
87.	Aluminium Conductor for overhead transmission purpose aluminium conductors and galvanized steel- reinforced	Direction of Lay	Cl. 3.3, Cl.13.8 of IS 398 (Part 2):1996 RA: 2018
88.	Aluminium Conductor for overhead transmission purpose aluminium conductors and galvanized steel- reinforced	Joints in wires	Cl. 9,9.1 & 9.2,9.3 of IS 398 (Part 2):1996 RA: 2018
89.	Aluminium Conductor for overhead transmission purpose aluminium conductors and galvanized steel- reinforced	Resistance (Calculated) of Conductor	Annex. A.2, Table 3 of IS 398 (Part 2):1996 RA: 2018
90.	Aluminium Conductor for overhead transmission purpose aluminium	Breaking Load (Calculated) of Conductor	Annex. A.3, Table 3 of IS 398 (Part 2):1996 RA: 2018

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	Transmission Line Equipment		
	conductors and galvanized steel- reinforced		
91.	Aluminium Conductor for overhead transmission purpose aluminium conductors and galvanized steel- reinforced	Measurement of Overall Diameter (Approx.)	Table 3 of IS 398 (Part 2):1996 RA: 2018
92.	High Conductivity Aluminium Alloy Stranded Conductors	Freedom from Defects	Cl. 8,16.2 of IS 398 (Part 6) : 2021
93.	High Conductivity Aluminium Alloy Stranded Conductors	Standard Sizes	Cl. 9,9.1,9.2 of IS 398 (Part 6) : 2021
94.	High Conductivity Aluminium Alloy Stranded Conductors	Joints in wires	Cl. 10 of of IS 398 (Part 6) : 2021
95.	High Conductivity Aluminium Alloy Stranded Conductors	Direction of Lay	Cl. 11.3 of IS 398 (Part 6) : 2021
96.	High Conductivity Aluminium Alloy Stranded Conductors	Measurement of Overall Diameter (Approx.)	Cl.9.2.1, Table 3 of IS 398 (Part 6) : 2021
97.	High Conductivity Aluminium Alloy Stranded Conductors	Ultimate Tensile Strength Test on Stranded Conductor	Cl. 16.9, Table-2 of IS 398 (Part 6) : 2021
98.	High Conductivity Aluminium Alloy Stranded Conductors	Stress-Strain Test	Cl. 16.11 of IS 398 (Part 6) : 2021

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Transmission Line Equipment		
99.	High Conductivity Aluminium Alloy Stranded Conductors	Calculated Ultimate Tensile Strength (UTS) of Conductor	Annex-A.3, Table 3 of IS 398 (Part 6) : 2021
100.	High Conductivity Aluminium Alloy Stranded Conductors	Resistance Test (Calculated) of Stranded Conductor	Annex-A.2, Table 3 of IS 398 (Part 6) : 2021
101.	Aluminium Conductor for overhead transmission purpose aluminium conductors and galvanized steel- reinforced	Procedure qualification test on welded joint of aluminium strands	Cl. 13.11 of IS 398 (Part 2) – 2025
102.	Aluminium Conductor for overhead transmission purpose aluminium conductors and galvanized steel- reinforced	Mass of Conductor	Table 1,2 & 3 of IS 398 (Part 2) – 2025
103.	Aluminium Conductor for overhead transmission purpose aluminium conductors and galvanized steel- reinforced	Cross Sectional Area of Conductor	Table 1,2 & 3 of IS 398 (Part 2) – 2025
104.	Aluminium Conductor for overhead transmission purpose aluminium conductors and galvanized steel- reinforced	Surface Condition Test	IS 398 (Part-2) - 1996

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Transmission Line Equipment		
105.	Aluminium Conductor for overhead transmission purpose aluminium conductors and galvanized steel- reinforced	Ultimate Breaking Load on Stranded Conductor	IS 398 (Part-2) - 1996
106.	Aluminium Conductor for overhead transmission purpose aluminium conductors and galvanized steel- reinforced	Stress Strain Test	IS 398 (Part-2) - 1996



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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Cables and Wires		
1.	Aerial Bunched Cables for working voltages upto and including 1100V	Environmental Stress Cracking	Cl. 5.1, Cl. 10.1 & Table-2 IS 14255:1995 RA: 2020, IS:10810 (Part 29)-1984
2.	Aerial Bunched Cables for working voltages upto and including 1100V	Ageing in Air Oven on Insulation	Cl. 5.1, Cl. 10.1 & Table-1 of IS 14255:1995 RA: 2020, IS:10810 (Part-11)-1984, IS:10810 (Part-7)-1984
3.	Aerial Bunched Cables for working voltages upto and including 1100V	Carbon Black Content & Dispersion	Cl. 5.1, Cl. 10.1 Table 1 & Table 2 of IS 14255:1995 RA: 2020, IS:10810 (Part-32)-1984
4.	Aerial Bunched Cables for working voltages upto and including 1100V	Hot Set Test	Cl. 5.1, Cl. 10.1, Table 1 of IS 14255:1995 RA: 2020, IS:10810 (Part-30)-1984
5.	Aerial Bunched Cables for working voltages upto and including 1100V	Melt Flow Index	Cl. 5.1, Cl. 10.1, Table 2 of IS 14255:1995 RA: 2020, IS:10810 (Part 23)-1984
6.	Aerial Bunched Cables for working voltages upto and including 1100V	Shrinkage Test on Insulation	Cl. 5.1, Cl. 10.1, Table 1 of IS 14255:1995 RA: 2020, IS:10810 (Part-12)-1984
7.	Aerial Bunched Cables for working voltages upto and including 1100V	Tensile Strength & Elongation at break of Insulation	Cl. 5.1, Cl. 10.1, Table 1 & Table 2 of IS 14255:1995 RA: 2020, IS:10810 (Part 7)-1984
8.	Aerial Bunched Cables for working voltages upto and including 1100V	Vicat Softening Point	Cl. 5.1, Cl. 10.1, Table 2 of IS 14255:1995 RA: 2020, IS:10810 (Part-22)-1984

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Cables and Wires		
9.	Aerial Bunched Cables for working voltages upto and including 1100V	Insulation Resistance (Volume Resistivity) Test	Cl. 5.1, Cl. 10.1, Table 1 & Table 2 of IS 14255:1995 RA: 2020, IS:10810 (Part-43)-1984
10.	Aerial Bunched Cables for working voltages upto and including 1100V	Water Absorption (Gravimetric)	Cl. 5.1, Cl. 10.1, Table 1 of IS 14255:1995 RA: 2020, IS:10810 (Part-33)-1984
11.	Aerial Bunched Cables for working voltages upto and including 1100V	Breaking load on messenger conductor	Cl. 6.5, Cl. 10.1, Table-3 of IS 14255:1995 RA: 2020, IS:10810 (Part-2)-1984
12.	Aerial Bunched Cables for working voltages upto and including 1100V	Resistance test on phase/messenger/street light conductor	Cl. 10.1 of IS 14255:1995 RA: 2020, IS 10810 (Part-5)-1984
13.	Aerial Bunched Cables for working voltages upto and including 1100V	Elongation test on messenger conductor	Cl. 10.1, Cl.11.3 of IS 14255:1995 RA: 2020
14.	Aerial Bunched Cables for working voltages upto and including 1100V	High voltage test at room temperature	Cl. 10.1, Cl.11.2 of IS 14255:1995 RA: 2020, IS:10810 (Part-45)-1984
15.	Aerial Bunched Cables for working voltages upto and including 1100V	Tensile test on phase/street light conductor	Cl. 10.1 of IS 14255:1995 RA: 2020, IS:10810 (Part 2)-1984
16.	Aerial Bunched Cables for working voltages upto and including 1100V	Wrapping test	Cl. 10.1 of IS 14255:1995 RA: 2020, IS:10810 (Part 3)-1984

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Cables and Wires		
17.	Aerial Bunched Cables for working voltages upto and including 1100V	Thickness of Insulation	Cl. 10.1, Table 4 of IS 14255:1995 RA: 2020, IS:10810 (Part 6)-1984
18.	Aerial Bunched Cables for working voltages upto and including 1100V	Bending test on complete cable	Cl. 11.4 of IS 14255:1995 RA: 2020
19.	Conductors For Insulated Electric Cables And Flexible Cords	Annealing test (for Copper)	IS 8130 : 2013 RA: 2018
20.	Conductors For Insulated Electric Cables And Flexible Cords	Conductor Resistance Test / Resistance of Conductors	IS 8130 : 2013 RA: 2018
21.	Conductors For Insulated Electric Cables And Flexible Cords	Persulphate Test (for tinned copper conductor)	IS 8130 : 2013 RA: 2018
22.	Conductors For Insulated Electric Cables And Flexible Cords	Tensile Test (for Aluminium)	IS 8130 : 2013 RA: 2018
23.	Cross Linked Polyethylene Insulated Thermoplastic Sheathed cables for working voltages upto & incl. 1100V	Armoured Coverage Percentage	Cl. 13.1.2, Appendix C of IS:7098 (Part 1) - 1988 RA: 2020
24.	Cross Linked Polyethylene Insulated Thermoplastic Sheathed cables for working voltages upto & incl. 1100V	Annealing test (for Copper)	Cl. 15.1 (a) (i) of IS:7098 (Part 1) - 1988 RA: 2020, IS:10810 (Part-1)-1984

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Cables and Wires		
25.	Cross Linked Polyethylene Insulated Thermoplastic Sheathed cables for working voltages upto & incl. 1100V	Tensile test (for aluminium)	Cl. 15.1 (a) (ii) of IS:7098 (Part 1) - 1988 RA: 2020, IS:10810 (Part-2)-1984
26.	Cross Linked Polyethylene Insulated Thermoplastic Sheathed cables for working voltages upto & incl. 1100V	Wrapping test (for aluminium)	Cl. 15.1 (a) (iii) of IS:7098 (Part 1) - 1988 RA: 2020, IS:10810 (Part-3)-1984
27.	Cross Linked Polyethylene Insulated Thermoplastic Sheathed cables for working voltages upto & incl. 1100V	Conductor Resistance Test / Resistance of Conductors	Cl. 15.1 (a) (iv) of IS:7098 (Part 1) - 1988 RA: 2020, IS:10810 (Part-5)-1984
28.	Cross Linked Polyethylene Insulated Thermoplastic Sheathed cables for working voltages upto & incl. 1100V	Dimensions of armouring material	Cl. 15.1 (b) (1) Cl. 13.3 of IS:7098 (Part 1) - 1988 RA: 2020 IS 10810 (Part-36)-1984
29.	Cross Linked Polyethylene Insulated Thermoplastic Sheathed cables for working voltages upto & incl. 1100V	Tensile strength for armouring material	Cl. 15.1 (b)(2-i), Cl.13.6 (a) of IS 7098 (Part-1)-1988, IS:10810 (Part-37)-1984
30.	Cross Linked Polyethylene Insulated Thermoplastic Sheathed cables for working voltages upto & incl. 1100V	Elongation at break for armouring material	Cl. 15.1 (b)(2-ii), Cl.13.6 (b) of IS 7098 (Part-1)-1988, IS:10810 (Part-37)-1984

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Cables and Wires		
31.	Cross Linked Polyethylene Insulated Thermoplastic Sheathed cables for working voltages upto & incl. 1100V	Torsion Test for Round Steel Wire	Cl. 15.1 (b)(2-iii), Cl.13.6 (c) of IS 7098 (Part-1)-1988, IS:10810 (Part-38)-1984
32.	Cross Linked Polyethylene Insulated Thermoplastic Sheathed cables for working voltages upto & incl. 1100V	Winding test for formed wire	Cl. 15.1 (b)(2-iv), Cl.13.6 (d) of IS 7098 (Part-1)-1988, IS:10810 (Part-39)-1984
33.	Cross Linked Polyethylene Insulated Thermoplastic Sheathed cables for working voltages upto & incl. 1100V	Uniformity of zinc coating	Cl. 15.1 (b)(2-v), Cl.13.6 (e) of IS 7098 (Part-1)-1988, IS:10810 (Part-40)-1984
34.	Cross Linked Polyethylene Insulated Thermoplastic Sheathed cables for working voltages upto & incl. 1100V	Mass of zinc coating	Cl. 15.1 (b)(2-vi), Cl.13.6 (f) of IS 7098 (Part-1)-1988, IS:10810 (Part-41)-1984
35.	Cross Linked Polyethylene Insulated Thermoplastic Sheathed cables for working voltages upto & incl. 1100V	Resistivity test	Cl. 15.1 (b)(2-vii), Cl.13.6 (g) of IS 7098 (Part-1)-1988, IS:10810 (Part-42)-1984
36.	Cross Linked Polyethylene Insulated Thermoplastic Sheathed cables for working voltages upto & incl. 1100V	Thickness of Insulation & Sheath	Cl. 15.1 (c) of IS 7098 (Part-1)-1988, IS:10810 (Part-6)-1984

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Cables and Wires		
37.	Cross Linked Polyethylene Insulated Thermoplastic Sheathed cables for working voltages upto & incl. 1100V	Tensile strength & elongation at break on Insulation & sheath	Cl. 15.1 (d) (i), & (e) (i), Table 1 of IS:7098 (Part 1) - 1988 RA: 2020 & IS 10810 (Part-7)-1984
38.	Cross Linked Polyethylene Insulated Thermoplastic Sheathed cables for working voltages upto & incl. 1100V	Ageing in air oven on insulation & sheath	Cl. 15.1 (d) (ii), & (e) (ii), Table 1 of IS:7098 (Part 1) - 1988 RA: 2020 & IS 10810 (Part-11)-1984
39.	Cross Linked Polyethylene Insulated Thermoplastic Sheathed cables for working voltages upto & incl. 1100V	Hot Set Test	Cl. 15.1 (d) (iii), Table 1 of IS:7098 (Part 1) - 1988 RA: 2020 & IS:10810 (Part-30)-1984
40.	Cross Linked Polyethylene Insulated Thermoplastic Sheathed cables for working voltages upto & incl. 1100V	Shrinkage Test on Insulation & Sheath	Cl. 15.1 (d) (iv) & (e) (iv), Table 1 of IS:7098 (Part 1) - 1988 RA: 2020 & IS:10810 (Part-12)-1984
41.	Cross Linked Polyethylene Insulated Thermoplastic Sheathed cables for working voltages upto & incl. 1100V	Water absorption (gravimetric)	Cl. 15.1 (d) (v), Table 1 of IS:7098 (Part 1) - 1988 RA: 2020 & IS:10810 (Part-33)-1984
42.	Cross Linked Polyethylene Insulated Thermoplastic Sheathed cables for working voltages upto & incl. 1100V	Loss of mass in air oven	Cl. 15.1 (e) (iii) of IS:7098 (Part 1) - 1988 RA: 2020 & IS:10810 (Part-10)-1984

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Cables and Wires		
43.	Cross Linked Polyethylene Insulated Thermoplastic Sheathed cables for working voltages upto & incl. 1100V	Hot deformation test on sheath	Cl. 15.1 (e) (v) of IS:7098 (Part 1) - 1988 RA: 2020 & IS:10810 (Part-15)-1984
44.	Cross Linked Polyethylene Insulated Thermoplastic Sheathed cables for working voltages upto & incl. 1100V	Heat shock Test on sheath	Cl. 15.1 (e) (vi) of IS:7098 (Part 1) - 1988 RA: 2020 & IS:10810 (Part-14)-1984
45.	Cross Linked Polyethylene Insulated Thermoplastic Sheathed cables for working voltages upto & incl. 1100V	Thermal stability Test on sheath	Cl. 15.1 (e) (vii) of IS:7098 (Part 1) - 1988 RA: 2020 & IS:10810 (Part-60)-1988
46.	Cross Linked Polyethylene Insulated Thermoplastic Sheathed cables for working voltages upto & incl. 1100V	Volume resistivity	Cl. 15.1 (f), Table 1 of IS:7098 (Part 1) - 1988 RA: 2020 & IS:10810 (Part-43)-1984
47.	Cross Linked Polyethylene Insulated Thermoplastic Sheathed cables for working voltages upto & incl. 1100V	Cold bend Test	Cl. 15.4 (a) of IS:7098 (Part 1) - 1988 RA: 2020 & IS:10810 (Part 20)-1984
48.	Cross Linked Polyethylene Insulated Thermoplastic Sheathed cables for working voltages upto & incl. 1100V	Cold Impact Test	Cl. 15.4 (b) of IS:7098 (Part 1) - 1988 RA: 2020 & IS:10810 (Part 21)-1984

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Cables and Wires		
49.	Cross Linked Polyethylene Insulated Thermoplastic Sheathed cables for working voltages upto & incl. 1100V	High voltage test at room temperature	Cl. 16.2 of IS:7098 (Part 1) - 1988 RA: 2020 & IS:10810 (Part 45)-1984
50.	Cross Linked Polyethylene Insulated Thermoplastic Sheathed cables for working voltages upto & incl. 1100V	Flammability Test/ Flame propagation on single cable	Cl. 16.3 of IS:7098 (Part 1) - 1988 RA: 2020, IS:10810 (Part 53)-1984, IEC/BS EN 60332-1-2
51.	Cross Linked Polyethylene Insulated Thermoplastic Sheathed cables for working voltages upto & incl. 1100V	Oxygen Index Test	Cl. 16.4 of IS:7098 (Part 1)-1988 RA: 2020, IS:10810 (Part-58)-1988, ASTM D2863-23
52.	Cross Linked Polyethylene Insulated Thermoplastic Sheathed cables for working voltages upto & incl. 1100V	Flame Retardance test on single cables	Cl. 16.5 of IS:7098 (Part 1) - 1988 RA: 2020, IS 10810 (Part 61)-1988
53.	Cross Linked Polyethylene Insulated Thermoplastic Sheathed cables for working voltages upto & incl. 1100V	Flame Retardance test on bunched cables	Cl. 16.6 of IS:7098 (Part 1) - 1988 RA: 2020, IS 10810 (Part 62)-1993, IEC 60332-3-21 to 25
54.	Cross Linked Polyethylene Insulated Thermoplastic Sheathed cables for working voltages upto & incl. 1100V	Determination of the halogen acid gas content	Cl. 16.8 of IS:7098 (Part 1)-1988 RA: 2020, IS 10810 (Part-59)-1988, IEC 60754-1:2011
55.	Cross Linked Polyethylene Insulated Thermoplastic	Measurement of Temperature Index	Cl. 16.9 of IS:7098 (Part 1) - 1988 RA: 2020, IS 10810 (Part-64) - 2003

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Cables and Wires		
	Sheathed cables for working voltages upto & incl. 1100V		
56.	Cross Linked Polyethylene Insulated Thermoplastic Sheathed cables for working voltages upto & incl. 1100V	Smoke density rating	Cl. 16.10 of IS 7098 (Part 1)-1988, IS 10810 (Part 63) – 1993, IEC 61034-2:2005
57.	Electric or optical fibre cables	Flame Retardance test on Bunched Cables	IEC 60332-3-21: 2018
58.	Electric or optical fibre cables	Flame Retardance test on Bunched Cables	IEC 60332-3-22: 2018
59.	Electric or optical fibre cables	Flame Retardance test on Bunched Cables	IEC 60332-3-23: 2018
60.	Electric or optical fibre cables	Flame Retardance test on Bunched Cables	IEC 60332-3-24: 2018
61.	Electric or optical fibre cables	Flame Retardance test on Bunched Cables	IEC 60332-3-25: 2018
62.	Electric or optical fibre cables	Flame Spread Test on Single Cable	IEC 60332-1-2: 2011 / BS EN 60332-1-2: 2004
63.	Fire Retardant Low Smoke Zero Halogen Cables	Measurement of Smoke Density of Electrical Cables under fire conditions	IEC/BS EN 61034-2: 2005
64.	Halogenated polymers and compounds from electric or optical fibre cable	Determination of the halogen acid gas content	IEC 60754-1: 2011

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Cables and Wires		
65.	Insulation and sheath of electric cables	Oxygen / Temp Index Test	ASTM D2863-17a:2017
66.	Low Carbon Galvanized Steel Wires, Formed Wires and Tapes	Mass of Zinc Coating	IS 4826 :2023
67.	Metallic Materials	Tensile Strength & elongation	IS 1608 (Part 1) & (Part 3): 2018
68.	Metallic Materials	Wrapping Test	IS 1755: 2018
69.	Plastics and plastic material	Smoke density rating	ASTM D2843-16: 2016
70.	Plastics and plastic material	Smoke density rating	IS 13360 (Part 6/Sec 9)-2001:2016
71.	PVC Insulation and sheath of electric cables	Volume resistivity	Cl. 4.1, Table 1 of IS 5831:1984 RA:2021
72.	Polyvinyl Chloride Insulated unsheathed and sheathed cables/cords	Ovality	Cl. 9.1 of IS 694:2010
73.	Polyvinyl Chloride Insulated unsheathed and sheathed cables/cords	High voltage test (water immersion)	Cl. 10.1, Table 1 of IS 694:2010, IS:10810 (Part 45)-1984
74.	Polyvinyl Chloride Insulated unsheathed and sheathed cables/cords	High voltage test at room temperature	Cl. 10.2, Table 1 of IS 694:2010, IS:10810 (Part 45)-1984

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Cables and Wires		
75.	Polyvinyl Chloride Insulated unsheathed and sheathed cables/cords	Flammability Test	Cl. 10.4, Table 1 of IS 694:2010, IS:10810 (Part 53)-1984
76.	Polyvinyl Chloride Insulated unsheathed and sheathed cables/cords	Oxygen Index Test on Insulation & Sheath	Cl. 10.5, Table 1 of IS 694:2010, IS:10810 (Part 58)-1998, ASTM D2863-23
77.	Polyvinyl Chloride Insulated unsheathed and sheathed cables/cords	Determination of the halogen acid gas content on insulation & sheath	Cl. 10.6, Table 1 of IS 694:2010, IS:10810 (Part 59)-1998, IEC 60754-1: 2011
78.	Polyvinyl Chloride Insulated unsheathed and sheathed cables/cords	Measurement of temperature index on insulation & sheath	Cl. 10.7, Table 1 of IS 694:2010, IS:10810 (Part 64)-2003
79.	Polyvinyl Chloride Insulated unsheathed and sheathed cables/cords	Smoke density rating on insulation & sheath	Cl. 10.8, Table 1 of IS 694:2010, IS:13360 (Part 6, Sec 9):2001
80.	Polyvinyl Chloride Insulated unsheathed and sheathed cables/cords	Additional Ageing Test	Cl. 10.9, Table-1 of IS 694:2010 RA: 2020
81.	Polyvinyl Chloride Insulated unsheathed and sheathed cables/cords	Persulphate test (for tinned copper conductor)	Cl. 10.11, Table-1 of IS 694:2010 RA: 2020, IS:10810 (Part 4):1984
82.	Polyvinyl Chloride Insulated unsheathed and sheathed cables/cords	Legibility and Durability	Cl. 11.1, Cl. 11.2 of IS 694:2010 RA: 2020

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Cables and Wires		
83.	Polyvinyl Chloride Insulated unsheathed and sheathed cables/cords	Ageing in air oven on insulation & sheath	Table 1 of IS 694:2010, IS:10810 (Part 11) – 1984, IS:10810 (Part 7) - 1984
84.	Polyvinyl Chloride Insulated unsheathed and sheathed cables/cords	Annealing test (for copper)	Table 1 of IS 694:2010, IS:10810 (Part 1) - 1984
85.	Polyvinyl Chloride Insulated unsheathed and sheathed cables/cords	Cold Bend Test on Insulation & Sheath	Table 1 of IS 694:2010 RA: 2020, IS:10810 (Part 20)-1984
86.	Polyvinyl Chloride Insulated unsheathed and sheathed cables/cords	Cold Impact Test on Insulation & Sheath	Table 1 of IS 694:2010 RA: 2020, IS:10810 (Part 21)-1984
87.	Polyvinyl Chloride Insulated unsheathed and sheathed cables/cords	Conductor Resistance Test/ resistance of conductors	Table 1 of IS 694:2010 RA: 2020, IS:10810 (Part 5)-1984
88.	Polyvinyl Chloride Insulated unsheathed and sheathed cables/cords	Heat Shock Test on Insulation & Sheath	Table 1 of IS 694:2010 RA: 2020, IS:10810 (Part 14)-1984
89.	Polyvinyl Chloride Insulated unsheathed and sheathed cables/cords	Hot deformation test on insulation & sheath	Table 1 of IS 694:2010 RA: 2020, IS:10810 (Part 15)-1984
90.	Polyvinyl Chloride Insulated unsheathed and sheathed cables/cords	Insulation resistance	Table 1 of IS 694:2010 RA: 2020, IS:10810 (Part 43)-1984

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Cables and Wires		
91.	Polyvinyl Chloride Insulated unsheathed and sheathed cables/cords	Loss of mass on Insulation & Sheath	Table 1 of IS 694:2010 RA: 2020, IS:10810 (Part 10)-1984
92.	Polyvinyl Chloride Insulated unsheathed and sheathed cables/cords	Shrinkage Test on Insulation & Sheath	Table 1 of IS 694:2010 RA: 2020, IS:10810 (Part 12)-1984
93.	Polyvinyl Chloride Insulated unsheathed and sheathed cables/cords	Tensile Strength & Elongation at break on Insulation & Sheath	Table 1 of IS 694:2010 RA: 2020, IS:10810 (Part 7)-1984
94.	Polyvinyl Chloride Insulated unsheathed and sheathed cables/cords	Tensile Test (for Aluminium)	Table 1 of IS 694:2010 RA: 2020, IS:10810 (Part 2) - 1984
95.	Polyvinyl Chloride Insulated unsheathed and sheathed cables/cords	Test for overall dimensions & thickness of Insulation & Sheath	Table 1, Table 3 to 10 of IS 694:2010 RA: 2020, IS:10810 (Part 6)-1984
96.	Polyvinyl Chloride Insulated unsheathed and sheathed cables/cords	Thermal stability Test on Insulation & Sheath	Table 1 of IS 694:2010 RA: 2020, IS:10810 (Part-60)-1988
97.	Polyvinyl Chloride Insulated unsheathed and sheathed cables/cords	Volume Resistivity	Table 1 of IS 694:2010 RA: 2020, IS:10810 (Part-43)-1984
98.	Polyvinyl Chloride Insulated unsheathed and sheathed cables/cords	Wrapping Test (for Aluminium)	Table 1 of IS 694:2010 RA: 2020, IS:10810 (Part-3)-1984

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Cables and Wires		
99.	PVC Insulated (Heavy Duty) Electric cables for working voltages upto and including 1100V	Test for thickness of insulation & sheath	Cl. 9, Cl.12, Cl.14, Cl.15.1(c) of IS:1554 (Part 1)-1988, IS:10810 (Part 6)-1984
100.	PVC Insulated (Heavy Duty) Electric cables for working voltages upto and including 1100V	Armoured coverage percentage	Cl. 13.1.2, Appendix C of IS:1554 (Part 1)-1988
101.	PVC Insulated (Heavy Duty) Electric cables for working voltages upto and including 1100V	Dimensions for armouring material	Cl. 13.3, Cl.15.1 (b) (i) of IS:1554 (Part 1)-1988, IS:10810 (Part 36)-1984
102.	PVC Insulated (Heavy Duty) Electric cables for working voltages upto and including 1100V	Tensile Strength for armouring material	Cl. 13.6 (a), Cl.15.1 (b) 2 (i) of IS:1554 (Part 1)-1988, IS:10810 (Part 37)-1984
103.	PVC Insulated (Heavy Duty) Electric cables for working voltages upto and including 1100V	Elongation at break for armouring material	Cl. 13.6 (b), Cl.15.1 (b) 2 (ii) of IS:1554 (Part 1)-1988, IS:10810 (Part 37)-1984
104.	PVC Insulated (Heavy Duty) Electric cables for working voltages upto and including 1100V	Torsion test for round wire	Cl. 13.6 (c), Cl.15.1 (b) 2 (iii) of IS:1554 (Part 1)-1988, IS:10810 (Part 38)-1984

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Cables and Wires		
105.	PVC Insulated (Heavy Duty) Electric cables for working voltages upto and including 1100V	Winding test for round wire	Cl. 13.6 (d), Cl.15.1 (b) 2 (iv) of IS:1554 (Part 1)-1988, IS:10810 (Part 39)-1984
106.	PVC Insulated (Heavy Duty) Electric cables for working voltages upto and including 1100V	Uniformity of zinc coating	Cl. 13.6 (e), Cl.15.1 (b) 2 (v) of IS:1554 (Part 1)-1988, IS:10810 (Part 40)-1984
107.	PVC Insulated (Heavy Duty) Electric cables for working voltages upto and including 1100V	Mass of zinc coating	Cl. 13.6 (f), Cl.15.1 (b) (vi) of IS:1554 (Part 1)-1988, IS:10810 (Part 41)-1984
108.	PVC Insulated (Heavy Duty) Electric cables for working voltages upto and including 1100V	Resistivity test	Cl. 13.6 (g), Cl.15.1 (b) 2 (vii) of IS:1554 (Part 1)-1988, IS:10810 (Part 42)-1984
109.	PVC Insulated (Heavy Duty) Electric cables for working voltages upto and including 1100V	Cold bend test on insulation & sheath	Cl. 15.4 (a) of IS:1554 (Part 1) - 1988 RA: 2020, IS:10810 (Part 20)-1984
110.	PVC Insulated (Heavy Duty) Electric cables for working voltages upto and including 1100V	Annealing test (for Copper)	Cl. 15.1 (a) (1) of IS:1554 (Part 1) - 1988 RA: 2020, IS:10810 (Part 1)-1984

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Cables and Wires		
111.	PVC Insulated (Heavy Duty) Electric cables for working voltages upto and including 1100V	Tensile Test (for Aluminium)	Cl. 15.1 (a) (2) of IS:1554 (Part 1) - 1988 RA: 2020, IS:10810 (Part 2)-1984
112.	PVC Insulated (Heavy Duty) Electric cables for working voltages upto and including 1100V	Wrapping Test (for Aluminium)	Cl. 15.1 (a) (3) of IS:1554 (Part 1) - 1988 RA: 2020, IS:10810 (Part 3)-1984
113.	PVC Insulated (Heavy Duty) Electric cables for working voltages upto and including 1100V	Conductor Resistance Test/ Resistance of conductors	Cl. 15.1 (a) (4) of IS:1554 (Part 1) - 1988 RA: 2020, IS:10810 (Part 5)-1984
114.	PVC Insulated (Heavy Duty) Electric cables for working voltages upto and including 1100V	Cold impact test on insulation & sheath	Cl. 15.4 (b) of IS:1554 (Part 1) - 1988 RA: 2020, IS:10810 (Part 21)-1984
115.	PVC Insulated (Heavy Duty) Electric cables for working voltages upto and including 1100V	Tensile Strength & elongation at break on insulation & sheath	Cl. 15.1 (d) (1) of IS:1554 (Part 1) - 1988 RA: 2020, IS:10810 (Part 7)-1984
116.	PVC Insulated (Heavy Duty) Electric cables for working voltages upto and including 1100V	Ageing in air oven on insulation & sheath	Cl. 15.1 (d) (2) of IS:1554 (Part 1) - 1988 RA: 2020, IS:10810 (Part 11)-1984, IS:10810 (Part 7)-1984

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Cables and Wires		
117.	PVC Insulated (Heavy Duty) Electric cables for working voltages upto and including 1100V	Shrinkage test on insulation & sheath	Cl. 15.1 (d) (3) of IS:1554 (Part 1) - 1988 RA: 2020, IS:10810 (Part 12)- 1984
118.	PVC Insulated (Heavy Duty) Electric cables for working voltages upto and including 1100V	Hot deformation test on insulation & sheath	Cl. 15.1 (d) (4) of IS:1554 (Part 1) - 1988 RA: 2020, IS:10810 (Part 15)- 1984
119.	PVC Insulated (Heavy Duty) Electric cables for working voltages upto and including 1100V	Loss of mass on insulation & sheath	Cl. 15.1 (d) (5) of IS:1554 (Part 1) - 1988 RA: 2020, IS:10810 (Part 10)- 1984
120.	PVC Insulated (Heavy Duty) Electric cables for working voltages upto and including 1100V	Heat Shock Test on insulation & sheath	Cl. 15.1 (d) (6) of IS:1554 (Part 1) - 1988 RA: 2020, IS:10810 (Part 14)- 1984
121.	PVC Insulated (Heavy Duty) Electric cables for working voltages upto and including 1100V	Thermal stability test on insulation & sheath	Cl. 15.1 (d) (7) of IS:1554 (Part 1) - 1988 RA: 2020, IS:10810 (Part 60)- 1988
122.	PVC Insulated (Heavy Duty) Electric cables for working voltages upto and including 1100V	Volume resistivity	Cl. 15.1 (e) of IS:1554 (Part 1) - 1988 RA: 2020, IS:10810 (Part 43)- 1984

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Cables and Wires		
123.	PVC Insulated (Heavy Duty) Electric cables for working voltages upto and including 1100V	Insulation resistance	Cl. 15.1 (e) of IS:1554 (Part 1) - 1988 RA: 2020, IS:10810 (Part 43)-1984
124.	PVC Insulated (Heavy Duty) Electric cables for working voltages upto and including 1100V	Flammability test/ Flame propagation on single cable	Cl. 15.1 (h), Cl. 16.4 of IS:1554 (Part 1) - 1988 RA: 2020, IS:10810 (Part 53)-1984, IEC/BSEN 60332-1-2
125.	PVC Insulated (Heavy Duty) Electric cables for working voltages upto and including 1100V	High voltage test at room temperature	Cl. 16.2, Cl. 15.1 (g) of IS:1554 (Part 1) - 1988 RA: 2020, IS:10810 (Part 45)-1984
126.	PVC Insulated (Heavy Duty) Electric cables for working voltages upto and including 1100V	High voltage test (water immersion)	Cl. 16.3, Cl. 15.1 (f) of IS:1554 (Part 1) - 1988 RA: 2020, IS:10810 (Part 45)-1984
127.	PVC Insulated (Heavy Duty) Electric cables for working voltages upto and including 1100V	Oxygen index test	Cl. 16.5 of IS:1554 (Part 1) - 1988 RA: 2020, IS:10810 (Part 58)-1998
128.	PVC Insulated (Heavy Duty) Electric cables for working voltages upto and including 1100V	Flame Retardance test on single Cables	Cl. 16.6 of IS:1554 (PART 1)-1988 RA: 2020, IS:10810 (Part 61)-1988

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Cables and Wires		
129.	PVC Insulated (Heavy Duty) Electric cables for working voltages upto and including 1100V	Flame Retardance test on Bunched Cables	Cl. 16.7 of IS:1554 (PART 1)- 1988 RA: 2020, IS:10810 (Part 62)-1993, IEC 60332-3-21 to 25
130.	PVC Insulated (Heavy Duty) Electric cables for working voltages upto and including 1100V	Determination of the halogen acid gas content	Cl. 16.9 of IS:1554 (Part 1) - 1988 RA: 2020, IS:10810 (Part 59)-1988, IEC 60754-1:2011
131.	PVC Insulated (Heavy Duty) Electric cables for working voltages upto and including 1100V	Measurement of Temperature Index on Insulation & Sheath	Cl. 16.10 of IS:1554 (Part 1) - 1988 RA: 2020, IS:10810 (Part 64)-2003
132.	PVC Insulated (Heavy Duty) Electric cables for working voltages upto and including 1100V	Smoke density rating	Cl. 16.11 of IS:1554 (Part 1) - 1988 RA: 2020, IS:10810 (Part 63)-1993, IEC 61034-1:2005
133.	Zinc coated articles	Uniformity of Zinc Coating	IS 2633:1986 RA: 2021
134.	Zinc coated iron and steel articles	Average Mass of Zinc Coating	IS 6745-1972 RA: 2021
135.	Copper	Copper Purity	IS 191: 2007 RA:2021 / IS 440:1964 RA:2018
136.	Cross Linked Polyethylene Insulated Thermoplastic	Annealing Test (for copper)	Cl. 16.1 i) a) of IS:7098 (Part 1) – 2025, IS:10810 (Part-1)-1984

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Cables and Wires		
	Sheathed cables for working voltages upto and incl. 1100V		
137.	Cross Linked Polyethylene Insulated Thermoplastic Sheathed cables for working voltages upto and incl. 1100V	Tensile Test (for Aluminium)	Cl. 16.1 i) b) of IS:7098 (Part 1) – 2025, IS:10810 (Part-2)-1984
138.	Cross Linked Polyethylene Insulated Thermoplastic Sheathed cables for working voltages upto and incl. 1100V	Wrapping Test (for Aluminium)	Cl. 16.1 i) c) of IS:7098 (Part 1) – 2025, IS:10810 (Part-3)-1984
139.	Cross Linked Polyethylene Insulated Thermoplastic Sheathed cables for working voltages upto and incl. 1100V	Resistance Test	Cl. 16.1 i) d) of IS:7098 (Part 1) – 2025, IS:10810 (Part-5)-1984
140.	Cross Linked Polyethylene Insulated Thermoplastic Sheathed cables for working voltages upto and incl. 1100V	Dimensions of round steel wire/formed steel wire armour	Cl. 16.1 ii) a), Cl. 14.3, Table-6 of IS:7098 (Part 1) – 2025, IS:10810 (Part-36)-1984
141.	Cross Linked Polyethylene Insulated Thermoplastic Sheathed cables for working voltages upto and incl. 1100V	Tensile Strength of round steel wire/formed steel wire armour	Cl. 16.1 ii) b) (1), Cl. 14.6 (a) of IS:7098 (Part 1) – 2025, IS:10810 (Part-37)-1984

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Cables and Wires		
142.	Cross Linked Polyethylene Insulated Thermoplastic Sheathed cables for working voltages upto and incl. 1100V	Elongation at break of round steel wire/formed steel wire armour	Cl. 16.1 ii) b (2), Cl. 14.6 (b) of IS:7098 (Part 1) – 2025, IS:10810 (Part-37)-1984
143.	Cross Linked Polyethylene Insulated Thermoplastic Sheathed cables for working voltages upto and incl. 1100V	Torsion Test for round steel wire armour	Cl. 16.1 ii) b (3), Cl. 14.6 (c) of IS:7098 (Part 1) – 2025, IS:10810 (Part-38)-1984
144.	Cross Linked Polyethylene Insulated Thermoplastic Sheathed cables for working voltages upto and incl. 1100V	Winding Test for formed steel wire armour	Cl. 16.1 ii) b (4), Cl. 14.6 (d) of IS:7098 (Part 1) – 2025, IS:10810 (Part-39)-1984
145.	Cross Linked Polyethylene Insulated Thermoplastic Sheathed cables for working voltages upto and incl. 1100V	Uniformity of zinc coating of round steel wire/formed steel wire armour	Cl. 16.1 ii) b (5), Cl. 14.6 (e) of IS:7098 (Part 1) – 2025, IS:10810 (Part-40)-1984
146.	Cross Linked Polyethylene Insulated Thermoplastic Sheathed cables for working voltages upto and incl. 1100V	Mass of zinc coating of round steel wire/formed steel wire armour	Cl. 16.1 ii) b (6), Cl. 14.6 (f) of IS:7098 (Part 1) – 2025, IS:10810 (Part-41)-1984
147.	Cross Linked Polyethylene Insulated Thermoplastic Sheathed cables for working voltages upto and incl. 1100V	Resistivity Test for round steel wire/formed steel wire armour	Cl. 16.1 ii) b (7), Cl. 14.6 (g) of IS:7098 (Part 1) – 2025, IS:10810 (Part-42)-1984

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Cables and Wires		
148.	Cross Linked Polyethylene Insulated Thermoplastic Sheathed cables for working voltages upto and incl. 1100V	Resistance test for armour (other than mining cable)	Cl. 16.4 iv), Cl. 14.5.1 of IS:7098 (Part 1) – 2025, IS:10810 (Part-42)-1984
149.	Cross Linked Polyethylene Insulated Thermoplastic Sheathed cables for working voltages upto and incl. 1100V	Armoured Coverage Percentage	Cl. 14.1.2, Appendix C of IS:7098 (Part 1) - 2025
150.	Cross Linked Polyethylene Insulated Thermoplastic Sheathed cables for working voltages upto and incl. 1100V	Test for Thickness of Insulation & Sheath	Cl. 16.1 iii), Cl. 10, Cl. 13, Cl. 15, Table-3, Table-5 & Table-7 of IS:7098 (Part 1) – 2025, IS:10810 (Part-6)-1984
151.	Cross Linked Polyethylene Insulated Thermoplastic Sheathed cables for working voltages upto and incl. 1100V	Tensile Strength of Insulation	Cl. 16.1 iv) a), Table-1 of IS:7098 (Part 1) – 2025, IS:10810 (Part-7)-1984
152.	Cross Linked Polyethylene Insulated Thermoplastic Sheathed cables for working voltages upto and incl. 1100V	Elongation at break of Insulation	Cl. 16.1 iv) a), Table-1 of IS:7098 (Part 1) – 2025, IS:10810 (Part-7)-1984
153.	Cross Linked Polyethylene Insulated Thermoplastic Sheathed cables for working voltages upto and incl. 1100V	Ageing in Air Oven of Insulation (Tensile Variation)	Cl. 16.1 iv) b), Table-1 of IS:7098 (Part 1) – 2025, IS:10810 (Part-11)-1984, IS:10810 (Part 7)-1984

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Cables and Wires		
154.	Cross Linked Polyethylene Insulated Thermoplastic Sheathed cables for working voltages upto and incl. 1100V	Ageing in Air Oven of Insulation (Elongation Variation)	Cl. 16.1 iv) b), Table-1 of IS:7098 (Part 1) – 2025, IS:10810 (Part-11)-1984, IS:10810 (Part 7)-1984
155.	Cross Linked Polyethylene Insulated Thermoplastic Sheathed cables for working voltages upto and incl. 1100V	Hot Set Test of Insulation	Cl. 16.1 iv) c), Table-1 of IS:7098 (Part 1) – 2025, IS:10810 (Part-30)-1984
156.	Cross Linked Polyethylene Insulated Thermoplastic Sheathed cables for working voltages upto and incl. 1100V	Shrinkage Test of Insulation	Cl. 16.1 iv) d), Table-1 of IS:7098 (Part 1) – 2025, IS:10810 (Part-12)-1984
157.	Cross Linked Polyethylene Insulated Thermoplastic Sheathed cables for working voltages upto and incl. 1100V	Water absorption (Gravimetric)	Cl. 16.1 iv) e), Table-1 of IS:7098 (Part 1) – 2025, IS:10810 (Part-33)-1984
158.	Cross Linked Polyethylene Insulated Thermoplastic Sheathed cables for working voltages upto and incl. 1100V	Insulation Resistance (Volume Resistivity Test)	Cl. 16.1 vi), Table-1 of IS:7098 (Part 1) – 2025, IS:10810 (Part-43)-1984
159.	Cross Linked Polyethylene Insulated Thermoplastic Sheathed cables for working voltages upto and incl. 1100V	Tensile Strength of Sheath	Cl. 16.1 v) a (1), b (2) & c (1), Table-1A, Table-1B of IS:7098 (Part 1) – 2025 & IS:5831-1984 RA:2021, IS:10810 (Part-7)-1984

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Cables and Wires		
160.	Cross Linked Polyethylene Insulated Thermoplastic Sheathed cables for working voltages upto and incl. 1100V	Elongation at break of Sheath	Cl. 16.1 v) a (1), b (2) & c (1), Table-1A, Table-1B of IS:7098 (Part 1) – 2025 & IS:5831-1984 RA:2021, IS:10810 (Part-7)-1984
161.	Cross Linked Polyethylene Insulated Thermoplastic Sheathed cables for working voltages upto and incl. 1100V	Ageing in Air Oven (Tensile Strength of Sheath after ageing)	Cl. 16.1 v) a (2), b (2) & c (1), Table-1A, Table-1B of IS:7098 (Part 1) – 2025 & IS:5831-1984 RA:2021, IS:10810 (Part-7)-1984 & IS:10810 (Part-11)-1984
162.	Cross Linked Polyethylene Insulated Thermoplastic Sheathed cables for working voltages upto and incl. 1100V	Ageing in Air Oven (Elongation at break of Sheath after ageing)	Cl. 16.1 v) a (2), b (2) & c (1), Table-1A, Table-1B of IS:7098 (Part 1) – 2025 & IS:5831-1984 RA:2021, IS:10810 (Part-7)-1984 & IS:10810 (Part-11)-1984
163.	Cross Linked Polyethylene Insulated Thermoplastic Sheathed cables for working voltages upto and incl. 1100V	Loss of Mass in Air Oven of Sheath	Cl. 16.1 v) a (3) of IS:7098 (Part 1) – 2025 & IS:5831-1984 RA:2021, IS:10810 (Part-10)-1984
164.	Cross Linked Polyethylene Insulated Thermoplastic Sheathed cables for working voltages upto and incl. 1100V	Shrinkage Test on Sheath	Cl. 16.1 v) a (4), b (4) & c (4), Table-1A, Table-1B of IS:7098 (Part 1)–2025 & IS:5831-1984 RA:2021, IS:10810 (Part-12)-1984
165.	Cross Linked Polyethylene Insulated Thermoplastic	Hot Deformation Test of Sheath	Cl. 16.1 v) a (5), b (3) & c (2), Table-1A, Table-1B of IS:7098 (Part

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	Cables and Wires		
	Sheathed cables for working voltages upto and incl. 1100V		1) – 2025 & IS:5831-1984 RA:2021, IS:10810 (Part-15)-1984
166.	Cross Linked Polyethylene Insulated Thermoplastic Sheathed cables for working voltages upto and incl. 1100V	Heat Shock Test of Sheath	Cl. 16.1 v) a (6) of IS:7098 (Part 1) – 2025 & IS:5831-1984 RA:2021, IS:10810 (Part-14)-1984
167.	Cross Linked Polyethylene Insulated Thermoplastic Sheathed cables for working voltages upto and incl. 1100V	Thermal Stability Test of Sheath	Cl. 16.1 v) a (7) of IS:7098 (Part 1) – 2025 & IS:5831-1984 RA:2021, IS:10810 (Part-60)-1988
168.	Cross Linked Polyethylene Insulated Thermoplastic Sheathed cables for working voltages upto and incl. 1100V	Carbon Black Content of PE Sheath	Cl. 16.1 v) b (1), Table 1A of IS:7098 (Part 1) – 2025, IS:10810 (Part-32)-1984
169.	Cross Linked Polyethylene Insulated Thermoplastic Sheathed cables for working voltages upto and incl. 1100V	Water absorption Test (for Type ST 8) Sheath	Cl. 16.1 v) c (3), Table 1B of IS:7098 (Part 1) – 2025, IS:10810 (Part-33)-1984
170.	Cross Linked Polyethylene Insulated Thermoplastic Sheathed cables for working voltages upto and incl. 1100V	Cold Bend Test for Outer Sheath	Cl. 16.4 i), Table 1B of IS:7098 (Part 1) – 2025 & IS:5831-1984 RA:2021, IS:10810 (Part-20)-1984
171.	Cross Linked Polyethylene Insulated Thermoplastic Sheathed cables for working voltages upto and incl. 1100V	Cold Impact for Outer Sheath	Cl. 16.4 ii), Table 1B of IS:7098 (Part 1) – 2025 & IS:5831-1984 RA:2021, IS:10810 (Part-21)-1984

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Cables and Wires		
172.	Cross Linked Polyethylene Insulated Thermoplastic Sheathed cables for working voltages upto and incl. 1100V	Cold elongation Test for LSHF Outer Sheath	Cl. 16.4 iii), Table 1B of IS:7098 (Part 1) – 2025, IS:10810 (Part-7)-1984
173.	Cross Linked Polyethylene Insulated Thermoplastic Sheathed cables for working voltages upto and incl. 1100V	High Voltage Test	Cl. 16.1 vii), Cl. 17.2 of IS:7098 (Part 1) – 2025, IS:10810 (Part-45)-1984
174.	Cross Linked Polyethylene Insulated Thermoplastic Sheathed cables for working voltages upto and incl. 1100V	Flammability Test	Cl. 16.1 viii), Cl. 17.3 of IS:7098 (Part 1) – 2025, IS:10810 (Part-53)-1984
175.	Cross Linked Polyethylene Insulated Thermoplastic Sheathed cables for working voltages upto and incl. 1100V	Oxygen Index Test	Cl. 16.1 ix) a (1), ix) b (1), ix) c (1), Cl. 17.4 of IS:7098 (Part 1) – 2025, IS:10810 (Part-58)-1998
176.	Cross Linked Polyethylene Insulated Thermoplastic Sheathed cables for working voltages upto and incl. 1100V	Temperature Index Test	Cl. 16.1 ix) a (2), ix) b (2), ix) c (2), Cl. 17.9 of IS:7098 (Part 1) – 2025, IS:10810 (Part-64)-2003
177.	Cross Linked Polyethylene Insulated Thermoplastic Sheathed cables for working voltages upto and incl. 1100V	Flame Retardance Test on Single Cable	Cl. 16.1 ix) a (3), ix) b (3), ix) c (3), Cl. 17.5 of IS:7098 (Part 1) – 2025, IS:10810 (Part-61)-1988

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Cables and Wires		
178.	Cross Linked Polyethylene Insulated Thermoplastic Sheathed cables for working voltages upto and incl. 1100V	Flame Retardance Test on Bunched Cable	Cl. 16.1 ix) a (4), ix) b (4), ix) c (4), Cl. 17.6 of IS:7098 (Part 1) – 2025, IS:10810 (Part-62)-1993
179.	Cross Linked Polyethylene Insulated Thermoplastic Sheathed cables for working voltages upto and incl. 1100V	Smoke Density Test	Cl. 16.1 ix) b (5), ix) c (5), Cl. 17.8 of IS:7098 (Part 1) – 2025, IS:13360 Part 6 Sec 9:2025
180.	Cross Linked Polyethylene Insulated Thermoplastic Sheathed cables for working voltages upto and incl. 1100V	Test for Halogen Acid Evolution	Cl. 16.1 ix) b (6), ix) c (6), Table-1B, Cl. 17.7 of IS:7098 (Part 1) – 2025, IS:10810 (Part-59)-1988
181.	Cross Linked Polyethylene Insulated Thermoplastic Sheathed cables for working voltages upto and incl. 1100V	Test for Light Transmission	Cl. 16.1 ix) c (7), Cl. 17.11 of IS:7098 (Part 1) – 2025, IS:10810 (Part-63)-1993
182.	Cross Linked Polyethylene Insulated Thermoplastic Sheathed cables for working voltages upto and incl. 1100V	Test for pH	Cl. 16.1 ix) c (8), Cl. 17.10, Table-1B of IS:7098 (Part 1) – 2025, IS 17505 (Part-1)-2021
183.	Cross Linked Polyethylene Insulated Thermoplastic Sheathed cables for working voltages upto and incl. 1100V	Test for Conductivity	Cl. 16.1 ix) c (8), Cl. 17.10, Table-1B of IS:7098 (Part 1) – 2025, IS 17505 (Part-1)-2021

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Cables and Wires		
184.	Thermosetting insulated Fire survival Cables for Fixed Installation having Low Emission of Smoke and Corrosive Gases when affected by Fire	Annealing test (for copper)	Cl. 17.1, i) a) Table 9 of IS 17505 (Part 1) - 2021 & IS 10810 (Part 1):1984
185.	Thermosetting insulated Fire survival Cables for Fixed Installation having Low Emission of Smoke and Corrosive Gases when affected by Fire	Conductor Resistance Test	Cl. 17.1, i) b) Table 9 of IS 17505 (Part 1) - 2021 & IS 10810 (Part 5):1984
186.	Thermosetting insulated Fire survival Cables for Fixed Installation having Low Emission of Smoke and Corrosive Gases when affected by Fire	Persulphate Test for Tinned Conductor	Cl. 17.1 i), c) Table 9 of IS 17505 (Part 1) - 2021 & IS 10810 (Part 4):1984
187.	Thermosetting insulated Fire survival Cables for Fixed Installation having Low Emission of Smoke and Corrosive Gases when affected by Fire	Dimensions of round Armour Wire	Cl. 15.3, Table 7 of IS 17505 (Part 1) - 2021 & IS 10810 (Part 36):1984
188.	Thermosetting insulated Fire survival Cables for Fixed Installation having Low Emission of Smoke and Corrosive Gases when affected by Fire	Tensile Strength of Steel Wire	Cl. 15.4 a) of IS 17505 (Part 1) - 2021 & IS 10810 (Part 37):1988

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Cables and Wires		
189.	Thermosetting insulated Fire survival Cables for Fixed Installation having Low Emission of Smoke and Corrosive Gases when affected by Fire	Elongation at break of Steel Wire	Cl. 15.4 b) of IS 17505 (Part 1) - 2021 & IS 10810 (Part 37):1988
190.	Thermosetting insulated Fire survival Cables for Fixed Installation having Low Emission of Smoke and Corrosive Gases when affected by Fire	Torsion Test of Steel Wire	Cl. 15.4 c) of IS 17505 (Part 1) - 2021 & IS 10810 (Part 38):1984
191.	Thermosetting insulated Fire survival Cables for Fixed Installation having Low Emission of Smoke and Corrosive Gases when affected by Fire	Uniformity of Zinc of Steel Wire	Cl. 15.4 d) of IS 17505 (Part 1) - 2021 & IS 10810 (Part 40):1984
192.	Thermosetting insulated Fire survival Cables for Fixed Installation having Low Emission of Smoke and Corrosive Gases when affected by Fire	Mass of Zinc Coating of Armour Wire	Cl. 15.4 e) of IS 17505 (Part 1) - 2021 & IS 10810 (Part 41):1984
193.	Thermosetting insulated Fire survival Cables for Fixed Installation having Low Emission of Smoke and Corrosive Gases when affected by Fire	Resistivity of Armour Wire	Cl. 15.4 f) of IS 17505 (Part 1) - 2021 & IS 10810 (Part 42):1984

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Cables and Wires		
194.	Thermosetting insulated Fire survival Cables for Fixed Installation having Low Emission of Smoke and Corrosive Gases when affected by Fire	Resistance of Armour Wire	Cl. 15.6.1, Table 8 of IS 17505 (Part 1) - 2021 & IS 10810 (Part 5):1984
195.	Thermosetting insulated Fire survival Cables for Fixed Installation having Low Emission of Smoke and Corrosive Gases when affected by Fire	Armour Coverage Percentage	Cl. 15.1.2, Annex B of IS 17505 (Part 1) - 2021
196.	Thermosetting insulated Fire survival Cables for Fixed Installation having Low Emission of Smoke and Corrosive Gases when affected by Fire	Thickness of Insulation & Sheath	Cl. 11.2,14.2,16.2.17.1 iii) Table 4 and Table 6 of IS 17505 (Part 1) - 2021 & IS 10810 (Part 6):1984
197.	Thermosetting insulated Fire survival Cables for Fixed Installation having Low Emission of Smoke and Corrosive Gases when affected by Fire	Tensile Strength of Insulation & Sheath	Cl. 17.1 iv) a) Table 1, Table 2 & Table 9 of IS 17505 (Part 1) - 2021 & IS 10810 (Part 7):1984
198.	Thermosetting insulated Fire survival Cables for Fixed Installation having Low Emission of Smoke and Corrosive Gases when affected by Fire	Elongation at break of Insulation & Sheath	Cl. 17.1 iv) a) Table 1 Table 2 & Table 9 of IS 17505 (Part 1) - 2021 & IS 10810 (Part 7):1984

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Cables and Wires		
199.	Thermosetting insulated Fire survival Cables for Fixed Installation having Low Emission of Smoke and Corrosive Gases when affected by Fire	Ageing in Air Oven of Insulation & Sheath	Cl. 17.1 iv) b) Table 1, Table 2 & Table 9 of IS 17505 (Part 1) - 2021 & IS 10810 (Part 11):1984
200.	Thermosetting insulated Fire survival Cables for Fixed Installation having Low Emission of Smoke and Corrosive Gases when affected by Fire	Hot Set Test of Insulation & Sheath	Cl. 17.1 iv) c) Table 1, Table 2 & Table 9 of IS 17505 (Part 1) - 2021 & IS 10810 (Part 30):1984
201.	Thermosetting insulated Fire survival Cables for Fixed Installation having Low Emission of Smoke and Corrosive Gases when affected by Fire	Shrinkage Test of Insulation	Cl. 17.1 iv) d) Table 1, Table 9 of IS 17505 (Part 1) - 2021 & IS 10810 (Part 12):1984
202.	Thermosetting insulated Fire survival Cables for Fixed Installation having Low Emission of Smoke and Corrosive Gases when affected by Fire	Heat Shock Test of Sheath	Cl. 17.1 iv) e) Table 2, Table 9 of IS 17505 (Part 1) - 2021 & IS 10810 (Part 14):1984
203.	Thermosetting insulated Fire survival Cables for Fixed Installation having Low Emission of Smoke and Corrosive Gases when affected by Fire	Cold Bend Test of Sheath	Cl. 17.1 iv) f) Table 2, Table 9 of IS 17505 (Part 1) - 2021 & IS 10810 (Part 20):1984

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Cables and Wires		
204.	Thermosetting insulated Fire survival Cables for Fixed Installation having Low Emission of Smoke and Corrosive Gases when affected by Fire	Cold Impact Test of Sheath	Cl. 17.1 iv) g) Table 2, Table 9 of IS 17505 (Part 1) - 2021 & IS 10810 (Part 21):1984
205.	Thermosetting insulated Fire survival Cables for Fixed Installation having Low Emission of Smoke and Corrosive Gases when affected by Fire	Water Absorption (Gravimetric) of Insulation	Cl. 17.1 iv) h) Table 1, Table 9 of IS 17505 (Part 1) - 2021 & IS 10810 (Part 33):1984
206.	Thermosetting insulated Fire survival Cables for Fixed Installation having Low Emission of Smoke and Corrosive Gases when affected by Fire	Oxygen Index Test	Cl. 17.1 iv) j) Cl. 18.6, Table 9 of IS 17505 (Part 1) - 2021 & IS 10810 (Part 58):1998
207.	Thermosetting insulated Fire survival Cables for Fixed Installation having Low Emission of Smoke and Corrosive Gases when affected by Fire	Temperature Index Test	Cl. 17.1 iv) k) Cl. 18.7, Table 9 of IS 17505 (Part 1) - 2021 & IS 10810 (Part 64):2003
208.	Thermosetting insulated Fire survival Cables for Fixed Installation having Low Emission of Smoke and Corrosive Gases when affected by Fire	Assessment of Halogen (pH, Conductivity, HCl & HBr, HF) of Insulation & Sheath	Cl. 17.1 iv) m) Table 1, Table 2, Annex F & Table 9 of IS 17505 (Part 1) – 2021, IS 10810 (Part 59):2003

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Cables and Wires		
209.	Thermosetting insulated Fire survival Cables for Fixed Installation having Low Emission of Smoke and Corrosive Gases when affected by Fire	Smoke Density Test	Cl. 17.1 iv) n) Cl. 18.8, Table 9 of IS 17505 (Part 1) - 2021 & IS 10810 (Part 63):1993
210.	Thermosetting insulated Fire survival Cables for Fixed Installation having Low Emission of Smoke and Corrosive Gases when affected by Fire	Ozone Resistance Test of Insulation & Sheath	Cl. 17.1 iv) p) Table 1, Table 2 & Table 9 of IS 17505 (Part 1) - 2021 & IS 10810 (Part 13):1984
211.	Thermosetting insulated Fire survival Cables for Fixed Installation having Low Emission of Smoke and Corrosive Gases when affected by Fire	Insulation Resistance Test	Cl. 17.1 iv) q) Table 1, Table 9 of IS 17505 (Part 1) - 2021 & IS 10810 (Part 43):1984
212.	Thermosetting insulated Fire survival Cables for Fixed Installation having Low Emission of Smoke and Corrosive Gases when affected by Fire	Effect of Water on Sheath (Water Immersion Test)	Cl. 17.1 v) Cl. 18.9, Table 2, Table 9 of IS 17505 (Part 1) - 2021 & IS 10810 (Part 7):1984
213.	Thermosetting insulated Fire survival Cables for Fixed Installation having Low Emission of Smoke and Corrosive Gases when affected by Fire	High Voltage Test	Cl. 17.1 vi) Cl. 18.2, Table 9 of IS 17505 (Part 1) - 2021 & IS 10810 (Part 45):1984

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Cables and Wires		
214.	Thermosetting insulated Fire survival Cables for Fixed Installation having Low Emission of Smoke and Corrosive Gases when affected by Fire	Flammability Test (Flame Test on Single Cable)	Cl. 17.1 vii) a) Cl. 18.5.1, Table 9 of IS 17505 (Part 1) - 2021 & IS 10810 (Part 61): 1988
215.	Thermosetting insulated Fire survival Cables for Fixed Installation having Low Emission of Smoke and Corrosive Gases when affected by Fire	Flammability Test (Flame Test on Bunched Cables)	Cl. 17.1 vii) b) Cl. 18.5.2, Table 9 of IS 17505 (Part 1) - 2021 & IS 10810 (Part 62):1988
216.	Thermosetting insulated Fire survival Cables for Fixed Installation having Low Emission of Smoke and Corrosive Gases when affected by Fire	Circuit Integrity Test under fire	Cl. 17.1 viii) Cl. 18.4, Annex E, Table 9 of IS 17505 (Part 1) - 2021
217.	Thermosetting insulated Fire survival Cables for Fixed Installation having Low Emission of Smoke and Corrosive Gases when affected by Fire	Abrasion Resistance Test	Cl. 17.1 ix) Cl. 18.3, Annex D, Table 9 of IS 17505 (Part 1) - 2021
218.	Plastics and plastic materials	Smoke density rating	IS 13360 (Part 6/Sec 9)-2025
219.	Overhead Distribution Cables	High Voltage Test	CENELAC HD 626 S1:2002

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Cables and Wires		
220.	Low Carbon Galvanized Steel Wires, Formed Wires and Tapes	Mass of Zinc Coating	IS 3975 :1999 RA: 2021
221.	Low Carbon Galvanized Steel Wires, Formed Wires and Tapes	Resistivity Test	IS 3975 :1999 RA: 2021
222.	Low Carbon Galvanized Steel Wires, Formed Wires and Tapes	Torsion Test for Round Wire	IS 3975 :1999 RA: 2021
223.	Low Carbon Galvanized Steel Wires, Formed Wires and Tapes	Uniformity of Zinc Coating	IS 3975 :1999 RA: 2021
224.	Low Carbon Galvanized Steel Wires, Formed Wires and Tapes	Adhesion Test	IS 3975:1999 RA: 2021
225.	Low Carbon Galvanized Steel Wires, Formed Wires and Tapes	Dimensions of Armouring Material	IS 3975:1999 RA: 2021
226.	Low Carbon Galvanized Steel Wires, Formed Wires and Tapes	Joint in armour	IS 3975:1999 RA: 2021
227.	Low Carbon Galvanized Steel Wires, Formed Wires and Tapes	Wrapping Test	IS 3975:1999 RA: 2021
228.	Low Carbon Galvanized Steel Wires, Formed Wires and Tapes	Winding Test for Formed Wire	IS 3975:1999 RA: 2021
229.	Low Carbon Galvanized Steel Wires, Formed Wires and Tapes	Tensile Strength for armouring material	IS 3975:1999 RA: 2021

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Cables and Wires		
230.	Low Carbon Galvanized Steel Wires, Formed Wires and Tapes	Elongation at break for armouring material	IS 3975:1999 RA: 2021
231.	Low Carbon Galvanized Steel Wires, Formed Wires and Tapes	Freedom From Defects	IS 3975:1999 RA: 2021
232.	Methods of test for polyethylene moulding materials and polyethylene compounds	Melt Flow Index	Cl. 7 of IS:2530 - 1963 RA: 2018
233.	Methods of test for polyethylene moulding materials and polyethylene compounds	Vicat Softening Point	Cl. 9 of IS:2530 - 1963 RA: 2018
234.	Methods of test for polyethylene moulding materials and polyethylene compounds	Determination of Carbon Black Content	Cl. 10 of IS:2530 - 1963 RA: 2018
235.	Methods of test for polyethylene moulding materials and polyethylene compounds	Determination of Carbon Black Dispersion	Cl. 16 of IS:2530 - 1963 RA: 2018
236.	Metallic Materials — Wire	Torsion Test	IS 1717:2018, ISO 7800: 2012
237.	Methods of Chemical Analysis of Copper	Copper Purity	IS 440: 2025

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
1.	Safety of household and similar electrical appliances: Part 2 Particular requirements: Section 32 Massage appliances	Rating	Cl. 5 of IS 302: Part 2: Sec 32 : 1994/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
2.	Safety of household and similar electrical appliances: Part 2 Particular requirements: Section 32 Massage appliances	Classification	Cl. 6 of IS 302 : Part 2 : Sec 32 : 1994/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
3.	Safety of household and similar electrical appliances: Part 2 Particular requirements: Section 32 Massage appliances	Marking	Cl. 7 of IS 302 : Part 2 : Sec 32 : 1994/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
4.	Safety of household and similar electrical appliances: Part 2 Particular requirements: Section 32 Massage appliances	Protection against electric shock	Cl. 8 of IS 302 : Part 2 : Sec 32 : 1994/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
5.	Safety of household and similar electrical appliances: Part 2 Particular requirements: Section 32 Massage appliances	Starting of Motor Operated	Cl. 9 of IS 302 : Part 2 : Sec 32 : 1994/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
6.	Safety of household and similar electrical appliances: Part 2 Particular requirements: Section 32 Massage appliances	Power input and current	Cl. 10 of IS 302 : Part 2 : Sec 32 : 1994/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
7.	Safety of household and similar electrical appliances: Part 2 Particular requirements: Section 32 Massage appliances	Temperature Rise	Cl. 11 of IS 302 : Part 2 : Sec 32 : 1994/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
8.	Safety of household and similar electrical appliances: Part 2 Particular requirements: Section 32 Massage appliances	Operation under overload condition of appliances with heating element	Cl. 12 of IS 302 : Part 2 : Sec 32 : 1994/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
9.	Safety of household and similar electrical appliances: Part 2 Particular requirements: Section 32 Massage appliances	Electrical Insulation and leakage current at operating temperature	Cl. 13 IS 302 : Part 2 : Sec 32 : 1994/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
10.	Safety of household and similar electrical appliances: Part 2 Particular requirements: Section 32 Massage appliances	Radio and television interference suppression	Cl. 14 of IS 302 : Part 2 : Sec 32 : 1994/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
11.	Safety of household and similar electrical appliances: Part 2 Particular requirements: Section 32 Massage appliances	Moisture Resistance	Cl. 15 of IS 302 : Part 2 : Sec 32 : 1994/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
12.	Safety of household and similar electrical appliances: Part 2 Particular requirements: Section 32 Massage appliances	Insulation Resistance and electric strength (after humidity treatment)	Cl. 16 of IS 302 : Part 2 : Sec 32 : 1994/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
13.	Safety of household and similar electrical appliances: Part 2 Particular requirements: Section 32 Massage appliances	Overload protection	Cl. 17 of IS 302 : Part 2 : Sec 32 : 1994/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
14.	Safety of household and similar electrical appliances: Part 2 Particular requirements: Section 32 Massage appliances	Endurance	Cl. 18 of IS 302 : Part 2 : Sec 32 : 1994/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
15.	Safety of household and similar electrical appliances: Part 2 Particular requirements: Section 32 Massage appliances	Abnormal operation	Cl. 19 of IS 302 : Part 2 : Sec 32 : 1994/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
16.	Safety of household and similar electrical appliances: Part 2 Particular requirements: Section 32 Massage appliances	Stability and mechanical hazards	Cl. 20 of IS 302 : Part 2 : Sec 32 : 1994/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
17.	Safety of household and similar electrical appliances: Part 2 Particular requirements: Section 32 Massage appliances	Mechanical strength	Cl. 21 of IS 302 : Part 2 : Sec 32 : 1994/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
18.	Safety of household and similar electrical appliances: Part 2 Particular requirements: Section 32 Massage appliances	Construction	Cl. 22 of IS 302 : Part 2 : Sec 32 : 1994/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
19.	Safety of household and similar electrical appliances: Part 2 Particular requirements: Section 32 Massage appliances	Internal wiring	Cl. 23 of IS 302 : Part 2 : Sec 32 : 1994/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
20.	Safety of household and similar electrical appliances: Part 2 Particular requirements: Section 32 Massage appliances	Components	Cl. 24 of IS 302 : Part 2 : Sec 32 : 1994/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
21.	Safety of household and similar electrical appliances: Part 2 Particular requirements: Section 32 Massage appliances	Supply Connection and external flexible cables and cords	Cl. 25 of IS 302 : Part 2 : Sec 32 : 1994/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
22.	Safety of household and similar electrical appliances: Part 2 Particular requirements: Section 32 Massage appliances	Terminal for external conductor	Cl. 26 of IS 302 : Part 2 : Sec 32 : 1994/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
23.	Safety of household and similar electrical appliances: Part 2 Particular requirements: Section 32 Massage appliances	Provision for earthing	Cl. 27 of IS 302 : Part 2 : Sec 32 : 1994/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
24.	Safety of household and similar electrical appliances: Part 2 Particular requirements: Section 32 Massage appliances	Screw and Connection	Cl. 28 of IS 302 : Part 2 : Sec 32 : 1994/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
25.	Safety of household and similar electrical appliances: Part 2 Particular requirements: Section 32 Massage appliances	Creepage and Clearance distance	Cl. 29 of IS 302 : Part 2 : Sec 32 : 1994/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
26.	Safety of household and similar electrical appliances: Part 2 Particular requirements: Section 32 Massage appliances	Resistance to heat and fire	Cl. 30 of IS 302 : Part 2 : Sec 32 : 1994/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
27.	Safety of household and similar electrical appliances: Part 2 Particular requirements: Section 32 Massage appliances	Resistance to Rusting	Cl. 31 of IS 302 : Part 2 : Sec 32 : 1994/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
28.	Household and Similar Electrical Appliances - Safety Part 2-80 Particular Requirements for Fans	General Conditions for the tests	Cl. 5 of IS 302 : Part 2 : Sec 80 : 2017/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
29.	Household and Similar Electrical Appliances - Safety Part 2-80 Particular Requirements for Fans	Classification	Cl. 6 of IS 302 : Part 2 : Sec 80 : 2017/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
30.	Household and Similar Electrical Appliances - Safety Part 2-80 Particular Requirements for Fans	Marking and instructions	Cl. 7 of IS 302 : Part 2 : Sec 80 : 2017/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
31.	Household and Similar Electrical Appliances - Safety Part 2-80 Particular Requirements for Fans	Protection against electric shock	Cl. 8 of IS 302 : Part 2 : Sec 80 : 2017/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
32.	Household and Similar Electrical Appliances - Safety Part 2-80 Particular Requirements for Fans	Power input and current	Cl. 10 of IS 302 : Part 2 : Sec 80 : 2017/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
33.	Household and Similar Electrical Appliances - Safety Part 2-80 Particular Requirements for Fans	Heating	Cl. 11 of IS 302 : Part 2 : Sec 80 : 2017/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
34.	Household and Similar Electrical Appliances - Safety Part 2-80 Particular Requirements for Fans	Leakage current and electric strength at operating temperature	Cl. 13 of IS 302 : Part 2 : Sec 80 : 2017/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
35.	Household and Similar Electrical Appliances - Safety Part 2-80 Particular Requirements for Fans	Transient overvoltages	Cl. 14 of IS 302 : Part 2 : Sec 80 : 2017/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
36.	Household and Similar Electrical Appliances - Safety Part 2-80 Particular Requirements for Fans	Moisture resistance	Cl. 15 of IS 302 : Part 2 : Sec 80 : 2017/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
37.	Household and Similar Electrical Appliances - Safety Part 2-80 Particular Requirements for Fans	Leakage current and electric strength	Cl. 16 of IS 302 : Part 2 : Sec 80 : 2017/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
38.	Household and Similar Electrical Appliances - Safety Part 2-80 Particular Requirements for Fans	Overload Protection of transformers and Associated circuits	Cl. 17 of IS 302 : Part 2 : Sec 80 : 2017/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
39.	Household and Similar Electrical Appliances - Safety Part 2-80 Particular Requirements for Fans	Abnormal operation	Cl. 19 of IS 302 : Part 2 : Sec 80 : 2017/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
40.	Household and Similar Electrical Appliances - Safety Part 2-80 Particular Requirements for Fans	Stability and mechanical hazards	Cl. 20 of IS 302 : Part 2 : Sec 80 : 2017/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
41.	Household and Similar Electrical Appliances - Safety Part 2-80 Particular Requirements for Fans	Mechanical strength	Cl. 21 of IS 302 : Part 2 : Sec 80 : 2017/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
42.	Household and Similar Electrical Appliances - Safety Part 2-80 Particular Requirements for Fans	Construction	Cl. 22 of IS 302 : Part 2 : Sec 80 : 2017/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
43.	Household and Similar Electrical Appliances - Safety Part 2-80 Particular Requirements for Fans	Internal wiring	Cl. 23 of IS 302 : Part 2 : Sec 80 : 2017/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
44.	Household and Similar Electrical Appliances - Safety Part 2-80 Particular Requirements for Fans	Component	Cl. 24 of IS 302 : Part 2 : Sec 80 : 2017/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
45.	Household and Similar Electrical Appliances - Safety Part 2-80 Particular Requirements for Fans	Supply connection and external flexible cord	Cl. 25 of IS 302 : Part 2 : Sec 80 : 2017/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
46.	Household and Similar Electrical Appliances - Safety Part 2-80 Particular Requirements for Fans	Terminals for external conductors	Cl. 26 of IS 302 : Part 2 : Sec 80 : 2017/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
47.	Household and Similar Electrical Appliances - Safety Part 2-80 Particular Requirements for Fans	Provision for earthing	Cl. 27 of IS 302 : Part 2 : Sec 80 : 2017/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
48.	Household and Similar Electrical Appliances - Safety Part 2-80 Particular Requirements for Fans	Screw and connections	Cl. 28 of IS 302 : Part 2 : Sec 80 : 2017/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
49.	Household and Similar Electrical Appliances - Safety Part 2-80 Particular Requirements for Fans	Clearance and Creepage distances and solid insulation	Cl. 29 of IS 302 : Part 2 : Sec 80 : 2017/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
50.	Household and Similar Electrical Appliances - Safety Part 2-80 Particular Requirements for Fans	Resistance heat and fire	Cl. 30 of IS 302 : Part 2 : Sec 80 : 2017/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
51.	Household and Similar Electrical Appliances - Safety Part 2-80 Particular Requirements for Fans	Resistance to rusting	Cl. 31. of IS 302 : Part 2 : Sec 80 : 2017/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
52.	Safety of household and similar electrical appliances: Part 2 Particular requirements, Section 202 Electric stoves	Rating	Cl. 5 of IS 302 : Part 2 : Sec 202 : 1992/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
53.	Safety of household and similar electrical appliances: Part 2 Particular requirements, Section 202 Electric stoves	Classification	Cl. 6 of IS 302 : Part 2 : Sec 202 : 1992/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
54.	Safety of household and similar electrical appliances: Part 2 Particular requirements, Section 202 Electric stoves	Marking	Cl. 7 of IS 302 : Part 2 : Sec 202 : 1992/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
55.	Safety of household and similar electrical appliances: Part 2 Particular requirements, Section 202 Electric stoves	Protection against electric shock	Cl. 8 of IS 302 : Part 2 : Sec 202 : 1992/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
56.	Safety of household and similar electrical appliances: Part 2 Particular requirements, Section 202 Electric stoves	Power input and current	Cl. 10 of IS 302 : Part 2 : Sec 202 : 1992/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
57.	Safety of household and similar electrical appliances: Part 2 Particular requirements, Section 202 Electric stoves	Temperature rise	Cl. 11 of IS 302 : Part 2 : Sec 202 : 1992/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
58.	Safety of household and similar electrical appliances: Part 2 Particular requirements, Section 202 Electric stoves	Operation under overload conditions of appliances with heating elements	Cl. 12 of IS 302 : Part 2 : Sec 202 : 1992/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
59.	Safety of household and similar electrical appliances: Part 2 Particular requirements, Section 202 Electric stoves	Electrical insulation and leakage current at operating temperature	Cl. 13 of IS 302 : Part 2 : Sec 202 : 1992/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
60.	Safety of household and similar electrical appliances: Part 2 Particular requirements, Section 202 Electric stoves	Moisture resistance	Cl. 15 of IS 302 : Part 2 : Sec 202 : 1992/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
61.	Safety of household and similar electrical appliances: Part 2 Particular requirements, Section 202 Electric stoves	Insulation resistance and electric strength (after humidity treatment)	Cl. 16 of IS 302 : Part 2 : Sec 202 : 1992/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
62.	Safety of household and similar electrical appliances: Part 2 Particular requirements, Section 202 Electric stoves	Endurance	Cl. 18 of IS 302 : Part 2 : Sec 202 : 1992/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
63.	Safety of household and similar electrical appliances: Part 2 Particular requirements, Section 202 Electric stoves	Abnormal operation	Cl. 19 of IS 302 : Part 2 : Sec 202 : 1992/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
64.	Safety of household and similar electrical appliances: Part 2 Particular requirements, Section 202 Electric stoves	Stability and mechanical hazards	Cl. 20 of IS 302 : Part 2 : Sec 202 : 1992/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
65.	Safety of household and similar electrical appliances: Part 2 Particular requirements, Section 202 Electric stoves	Mechanical strength	Cl. 21 of IS 302 : Part 2 : Sec 202 : 1992/ IS 302 : Part 2 : Sec 202 : 1992/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
66.	Safety of household and similar electrical appliances: Part 2 Particular requirements, Section 202 Electric stoves	Construction	Cl. 22 of IS 302 : Part 2 : Sec 202 : 1992/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
67.	Safety of household and similar electrical appliances: Part 2 Particular requirements, Section 202 Electric stoves	Internal wiring	Cl. 23 of IS 302-2-202:1992 and IS 302 : Part 2 : Sec 202 : 1992/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
68.	Safety of household and similar electrical appliances: Part 2 Particular requirements, Section 202 Electric stoves	Component	Cl. 24 of IS 302-2-202:1992 and IS 302 : Part 2 : Sec 202 : 1992/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
69.	Safety of household and similar electrical appliances: Part 2 Particular requirements, Section 202 Electric stoves	Supply connections and external flexible cables and cords	Cl. 25 of IS 302-2-202:1992 and IS 302 : Part 2 : Sec 202 : 1992/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
70.	Safety of household and similar electrical appliances: Part 2 Particular requirements, Section 202 Electric stoves	Terminals for external conductors	Cl. 26 of IS 302-2-202:1992 and IS 302 : Part 2 : Sec 202 : 1992/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
71.	Safety of household and similar electrical appliances: Part 2 Particular requirements, Section 202 Electric stoves	Provisions for earthing	Cl. 27 of IS 302-2-202:1992 and IS 302 : Part 2 : Sec 202 : 1992/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
72.	Safety of household and similar electrical appliances: Part 2 Particular requirements, Section 202 Electric stoves	Screws and connections	Cl. 28 of IS 302-2-202:1992 and IS 302 : Part 2 : Sec 202 : 1992/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
73.	Safety of household and similar electrical appliances: Part 2 Particular requirements, Section 202 Electric stoves	Creepage distances and clearances	Cl. 29 of IS 302-2-202:1992 and IS 302 : Part 2 : Sec 202 : 1992/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
74.	Safety of household and similar electrical appliances: Part 2 Particular requirements, Section 202 Electric stoves	Resistance to heat fire and tracking	Cl. 30 of IS 302-2-202:1992 and IS 302 : Part 2 : Sec 202 : 1992/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
75.	Safety of household and similar electrical appliances: Part 2 Particular requirements, Section 202 Electric stoves	Resistance to rusting	Cl. 31 of IS 302-2-202:1992 and IS 302 : Part 2 : Sec 202 : 1992/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
76.	Electric Food-Mixers (Liquidizers and Grinders) and Centrifugal Juicers – Specification	General conditions for the test	Cl. 5 of IS 4250:2025/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
77.	Electric Food-Mixers (Liquidizers and Grinders) and Centrifugal Juicers - Specification	Classification	Cl. 6 of IS 4250:2025/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
78.	Electric Food-Mixers (Liquidizers and Grinders) and Centrifugal Juicers - Specification	Marking	Cl. 7 of IS 4250:2025/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
79.	Electric Food-Mixers (Liquidizers and Grinders) and Centrifugal Juicers - Specification	Safety Requirements	Cl. 8 of IS 4250:2025/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
80.	Electric Food-Mixers (Liquidizers and Grinders) and Centrifugal Juicers - Specification	Endurance for motor and base Assembly	Cl. 9 of IS 4250:2025/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
81.	Electric Food-Mixers (Liquidizers and Grinders) and Centrifugal Juicers - Specification	Operational tests	Cl. 10 of IS 4250:2025/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
82.	Electric Food-Mixers (Liquidizers and Grinders) and Centrifugal Juicers - Specification	Temperature withstands and test for bowl	Cl. 11 of IS 4250:2025/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
83.	Electric Food-Mixers (Liquidizers and Grinders) and Centrifugal Juicers - Specification	Test for controls	Cl. 12 of IS 4250:2025/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
84.	Electric Food-Mixers (Liquidizers and Grinders) and Centrifugal Juicers - Specification	Strength of Assembly	Cl. 13 of IS 4250:2025/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
85.	Household and Similar Electrical Appliances - Safety - Part 2 Particular Requirements - Section 3 Electric Irons	General Conditions for the Tests	Cl. 5 of IS 302 (Part 2/Sec 3):2024, IEC 60335-2-3: 2022 and IS 302 (Part 1): 2024
86.	Household and Similar Electrical Appliances - Safety - Part 2 Particular Requirements - Section 3 Electric Irons	Classification	Cl. 6 of IS 302 : Part 2 : Sec 3 : 2024 (IEC 60335-2-3 : 2022)/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)

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Electrical Testing			
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	Domestic Electrical Appliances		
87.	Household and Similar Electrical Appliances - Safety - Part 2 Particular Requirements - Section 3 Electric Irons	Marking & Instructions	Cl. 7 of IS 302 : Part 2 : Sec 3 : 2024 (IEC 60335-2-3 : 2022)/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
88.	Household and Similar Electrical Appliances - Safety - Part 2 Particular Requirements - Section 3 Electric Irons	Protection against access to live parts	Cl. 8 of IS 302 : Part 2 : Sec 3 : 2024 (IEC 60335-2-3 : 2022)/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
89.	Household and Similar Electrical Appliances - Safety - Part 2 Particular Requirements - Section 3 Electric Irons	Power Input and current	Cl. 10 of IS 302 : Part 2 : Sec 3 : 2024 (IEC 60335-2-3 : 2022)/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
90.	Household and Similar Electrical Appliances - Safety - Part 2 Particular Requirements - Section 3 Electric Irons	Heating	Cl. 11 of IS 302 : Part 2 : Sec 3 : 2024 (IEC 60335-2-3 : 2022)/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
91.	Household and Similar Electrical Appliances - Safety - Part 2 Particular Requirements - Section 3 Electric Irons	Charging of metal-ion batteries	Cl.12 of IS 302 : Part 2 : Sec 3 : 2024 (IEC 60335-2-3 : 2022)/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
92.	Household and Similar Electrical Appliances - Safety - Part 2 Particular Requirements - Section 3 Electric Irons	Leakage current and electric strength at operating temp.	Cl. 13 of IS 302 : Part 2 : Sec 3 : 2024 (IEC 60335-2-3 : 2022)/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)

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Scope of Accreditation

Alaipuria Test House Private Limited

Plot No. H-11, Durga Industrial Park, Sahibabad,
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QAI/CIA/TL/2024/0063

Date of First Accreditation: 02 July 2024- 01 July 2026

Valid from: 02 July 2026

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Accreditation Standard: ISO/IEC 17025:2017

Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
93.	Household and Similar Electrical Appliances - Safety - Part 2 Particular Requirements - Section 3 Electric Irons	Transient over voltage test	Cl. 14 of IS 302 : Part 2 : Sec 3 : 2024 (IEC 60335-2-3 : 2022)/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
94.	Household and Similar Electrical Appliances - Safety - Part 2 Particular Requirements - Section 3 Electric Irons	Moisture resistance	Cl. 15 of IS 302 : Part 2 : Sec 3 : 2024 (IEC 60335-2-3 : 2022)/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
95.	Household and Similar Electrical Appliances - Safety - Part 2 Particular Requirements - Section 3 Electric Irons	Leakage current and electric strength	Cl. 16 of IS 302 : Part 2 : Sec 3 : 2024 (IEC 60335-2-3 : 2022)/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
96.	Household and Similar Electrical Appliances - Safety - Part 2 Particular Requirements - Section 3 Electric Irons	Overload protection of Transformers and associated circuits	Cl. 17 of IS 302 : Part 2 : Sec 3 : 2024 (IEC 60335-2-3 : 2022)/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
97.	Household and Similar Electrical Appliances - Safety - Part 2 Particular Requirements - Section 3 Electric Irons	Abnormal operation	Cl. 19 of IS 302 : Part 2 : Sec 3 : 2024 (IEC 60335-2-3 : 2022)/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
98.	Household and Similar Electrical Appliances - Safety - Part 2 Particular Requirements - Section 3 Electric Irons	Stability and mechanical hazards	Cl. 20 of IS 302 : Part 2 : Sec 3 : 2024 (IEC 60335-2-3 : 2022)/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
99.	Household and Similar Electrical Appliances - Safety - Part 2 Particular Requirements - Section 3 Electric Irons	Mechanical strength Verification of Construction	Cl. 21 of IS 302 : Part 2 : Sec 3 : 2024 (IEC 60335-2-3 : 2022)/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
100.	Household and Similar Electrical Appliances - Safety - Part 2 Particular Requirements - Section 3 Electric Irons	Construction	Cl. 22 of IS 302 : Part 2 : Sec 3 : 2024 (IEC 60335-2-3 : 2022)/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
101.	Household and Similar Electrical Appliances - Safety - Part 2 Particular Requirements - Section 3 Electric Irons	Internal wiring	Cl. 23 of IS 302 : Part 2 : Sec 3 : 2024 (IEC 60335-2-3 : 2022)/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
102.	Household and Similar Electrical Appliances - Safety - Part 2 Particular Requirements - Section 3 Electric Irons	Components	Cl. 24 of IS 302 : Part 2 : Sec 3 : 2024 (IEC 60335-2-3 : 2022)/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
103.	Household and Similar Electrical Appliances - Safety - Part 2 Particular Requirements - Section 3 Electric Irons	Supply connection & external flexible cords	Cl. 25 of IS 302 : Part 2 : Sec 3 : 2024 (IEC 60335-2-3 : 2022)/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
104.	Household and Similar Electrical Appliances - Safety - Part 2 Particular Requirements - Section 3 Electric Irons	Terminals for external conductors	Cl. 26 of IS 302 : Part 2 : Sec 3 : 2024 (IEC 60335-2-3 : 2022)/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
105.	Household and Similar Electrical Appliances - Safety - Part 2 Particular Requirements - Section 3 Electric Irons	Provision for Earthing	Cl. 27 of IS 302 : Part 2 : Sec 3 : 2024 (IEC 60335-2-3 : 2022)/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
106.	Household and Similar Electrical Appliances - Safety - Part 2 Particular Requirements - Section 3 Electric Irons	Screws and connections	Cl. 28 of IS 302 : Part 2 : Sec 3 : 2024 (IEC 60335-2-3 : 2022)/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
107.	Household and Similar Electrical Appliances - Safety - Part 2 Particular Requirements - Section 3 Electric Irons	Clearances, Creepage distances and solid insulations	Cl. 29 of IS 302 : Part 2 : Sec 3 : 2024 (IEC 60335-2-3 : 2022)/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
108.	Household and Similar Electrical Appliances - Safety - Part 2 Particular Requirements - Section 3 Electric Irons	Resistance to heat and fire	Cl. 30 of IS 302 : Part 2 : Sec 3 : 2024 (IEC 60335-2-3 : 2022)/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
109.	Household and Similar Electrical Appliances - Safety - Part 2 Particular Requirements - Section 3 Electric Irons	Resistance to rusting	Cl. 31 of IS 302 : Part 2 : Sec 3 : 2024 (IEC 60335-2-3 : 2022)/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
110.	Household and Similar Electrical Appliances-Safety - Part 2 Particular Requirements - Section 21 Storage Water Heaters	General condition for the test	Cl. 5 of IS 302 : Part 2 : Sec 3 : 2024 (IEC 60335-2-3 : 2022)/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
111.	Household and Similar Electrical Appliances-Safety - Part 2 Particular Requirements - Section 21 Storage Water Heaters	Classification	Cl. 6 of IS 302 : Part 2 : Sec 21 : 2024 (IEC 60335-2-21 : 2022)/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
112.	Household and Similar Electrical Appliances-Safety - Part 2 Particular Requirements - Section 21 Storage Water Heaters	Marking & Instructions	Cl. 7 of IS 302 : Part 2 : Sec 21 : 2024 (IEC 60335-2-21 : 2022)/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
113.	Household and Similar Electrical Appliances-Safety - Part 2 Particular Requirements - Section 21 Storage Water Heaters	Protection against access to live parts	Cl 8 of IS 302 : Part 2 : Sec 21 : 2024 (IEC 60335-2-21 : 2022)/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
114.	Household and Similar Electrical Appliances-Safety - Part 2 Particular Requirements - Section 21 Storage Water Heaters	Power Input and Current	Cl. 10 of IS 302 : Part 2 : Sec 21 : 2024 (IEC 60335-2-21 : 2022)/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
115.	Household and Similar Electrical Appliances-Safety - Part 2 Particular Requirements - Section 21 Storage Water Heaters	Heating	Cl. 11 of IS 302 : Part 2 : Sec 21 : 2024 (IEC 60335-2-21 : 2022)/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
116.	Household and Similar Electrical Appliances-Safety - Part 2 Particular Requirements - Section 21 Storage Water Heaters	Charging of metal -ion battery	Cl. 12 of IS 302 : Part 2 : Sec 21 : 2024 (IEC 60335-2-21 : 2022)/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
117.	Household and Similar Electrical Appliances-Safety - Part 2 Particular Requirements - Section 21 Storage Water Heaters	Leakage current and electric strength at operating temp.	Cl. 13 of IS 302 : Part 2 : Sec 21 : 2024 (IEC 60335-2-21 : 2022)/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
118.	Household and Similar Electrical Appliances-Safety - Part 2 Particular Requirements - Section 21 Storage Water Heaters	Transient over voltage test	Cl. 14 of IS 302 : Part 2 : Sec 21 : 2024 (IEC 60335-2-21 : 2022)/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
119.	Household and Similar Electrical Appliances-Safety - Part 2 Particular Requirements - Section 21 Storage Water Heaters	Moisture resistance	Cl. 15 of IS 302 : Part 2 : Sec 21 : 2024 (IEC 60335-2-21 : 2022)/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
120.	Household and Similar Electrical Appliances-Safety - Part 2 Particular Requirements - Section 21 Storage Water Heaters	Leakage current and electric strength	Cl. 16 of IS 302 : Part 2 : Sec 21 : 2024 (IEC 60335-2-21 : 2022)/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
121.	Household and Similar Electrical Appliances-Safety - Part 2 Particular Requirements - Section 21 Storage Water Heaters	Overload protection of Transformers and associated circuits	Cl. 17 of IS 302 : Part 2 : Sec 21 : 2024 (IEC 60335-2-21 : 2022)/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
122.	Household and Similar Electrical Appliances-Safety - Part 2 Particular Requirements - Section 21 Storage Water Heaters	Abnormal operation	Cl. 19 of IS 302 : Part 2 : Sec 21 : 2024 (IEC 60335-2-21 : 2022)/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
123.	Household and Similar Electrical Appliances-Safety - Part 2 Particular Requirements - Section 21 Storage Water Heaters	Stability and mechanical hazards	Cl. 20 of IS 302 : Part 2 : Sec 21 : 2024 (IEC 60335-2-21 : 2022)/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
124.	Household and Similar Electrical Appliances-Safety - Part 2 Particular Requirements - Section 21 Storage Water Heaters	Mechanical strength	Cl. 21 of IS 302 : Part 2 : Sec 21 : 2024 (IEC 60335-2-21 : 2022)/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
125.	Household and Similar Electrical Appliances-Safety - Part 2 Particular Requirements - Section 21 Storage Water Heaters	Construction	Cl. 22 of IS 302 : Part 2 : Sec 21 : 2024 (IEC 60335-2-21 : 2022)/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
126.	Household and Similar Electrical Appliances-Safety - Part 2 Particular Requirements - Section 21 Storage Water Heaters	Internal wiring	Cl. 23 of IS 302 : Part 2 : Sec 21 : 2024 (IEC 60335-2-21 : 2022)/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
127.	Household and Similar Electrical Appliances-Safety - Part 2 Particular Requirements - Section 21 Storage Water Heaters	Components	Cl. 24 of IS 302 : Part 2 : Sec 21 : 2024 (IEC 60335-2-21 : 2022)/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
128.	Household and Similar Electrical Appliances-Safety - Part 2 Particular Requirements - Section 21 Storage Water Heaters	Supply connection & external flexible cords	Cl. 25 of IS 302 : Part 2 : Sec 21 : 2024 (IEC 60335-2-21 : 2022)/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
129.	Household and Similar Electrical Appliances-Safety - Part 2 Particular Requirements - Section 21 Storage Water Heaters	Terminals for external conductors	Cl. 26 of IS 302 : Part 2 : Sec 21 : 2024 (IEC 60335-2-21 : 2022)/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
130.	Household and Similar Electrical Appliances-Safety - Part 2 Particular Requirements - Section 21 Storage Water Heaters	Provision for Earthing	Cl. 27 of IS 302 : Part 2 : Sec 21 : 2024 (IEC 60335-2-21 : 2022)/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
131.	Household and Similar Electrical Appliances-Safety - Part 2 Particular Requirements - Section 21 Storage Water Heaters	Screws and connections	Cl. 28 of IS 302 : Part 2 : Sec 21 : 2024 (IEC 60335-2-21 : 2022)/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
132.	Household and Similar Electrical Appliances-Safety - Part 2 Particular Requirements - Section 21 Storage Water Heaters	Clearances, Creepage distances and solid insulation	Cl.29 of IS 302 : Part 2 : Sec 21 : 2024 (IEC 60335-2-21 : 2022)/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
133.	Household and Similar Electrical Appliances-Safety - Part 2 Particular Requirements - Section 21 Storage Water Heaters	Resistance to heat and fire	Cl. 30 of IS 302 : Part 2 : Sec 21 : 2024 (IEC 60335-2-21 : 2022)/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
134.	Household and Similar Electrical Appliances-Safety - Part 2 Particular Requirements - Section 21 Storage Water Heaters	Resistance to rusting	Cl. 31 of IS 302 : Part 2 : Sec 21 : 2024 (IEC 60335-2-21 : 2022)/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
135.	Household and Similar Electrical Appliances - Safety - Part 2 Particular Requirements - Section 8 Shavers, Hair Clippers and Similar Appliances	General condition for the tests	Cl. 5 of IS 302 : Part 2 : Sec 8 : 2024 (IEC 60335-2-8 : 2022)/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
136.	Household and Similar Electrical Appliances - Safety - Part 2 Particular Requirements - Section 8 Shavers, Hair Clippers and Similar Appliances	Classification	Cl. 6 of IS 302 : Part 2 : Sec 8 : 2024 (IEC 60335-2-8 : 2022)/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
137.	Household and Similar Electrical Appliances - Safety - Part 2 Particular Requirements - Section 8 Shavers, Hair Clippers and Similar Appliances	Marking & Instructions	Cl. 7 of IS 302 : Part 2 : Sec 8 : 2024 (IEC 60335-2-8 : 2022)/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
138.	Household and Similar Electrical Appliances - Safety - Part 2 Particular Requirements - Section 8 Shavers, Hair Clippers and Similar Appliances	Protection against access to live parts	Cl. 8 of IS 302 : Part 2 : Sec 8 : 2024 (IEC 60335-2-8 : 2022)/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
139.	Household and Similar Electrical Appliances - Safety - Part 2 Particular Requirements - Section	Power Input and Current	Cl. 10 of IS 302 : Part 2 : Sec 8 : 2024 (IEC 60335-2-8 : 2022)/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
	8 Shavers, Hair Clippers and Similar Appliances		
140.	Household and Similar Electrical Appliances - Safety - Part 2 Particular Requirements - Section 8 Shavers, Hair Clippers and Similar Appliances	Heating	Cl. 11 of IS 302 : Part 2 : Sec 8 : 2024 (IEC 60335-2-8 : 2022)/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
141.	Household and Similar Electrical Appliances - Safety - Part 2 Particular Requirements - Section 8 Shavers, Hair Clippers and Similar Appliances	Charging of metal-ion batteries	Cl. 12 of IS 302 : Part 2 : Sec 8 : 2024 (IEC 60335-2-8 : 2022)/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
142.	Household and Similar Electrical Appliances - Safety - Part 2 Particular Requirements - Section 8 Shavers, Hair Clippers and Similar Appliances	Leakage current and electric strength at operating temperature	Cl. 13 of IS 302 : Part 2 : Sec 8 : 2024 (IEC 60335-2-8 : 2022)/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
143.	Household and Similar Electrical Appliances - Safety - Part 2 Particular Requirements - Section 8 Shavers, Hair Clippers and Similar Appliances	Transient over voltage test	Cl. 14 of IS 302 : Part 2 : Sec 8 : 2024 (IEC 60335-2-8 : 2022)/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
144.	Household and Similar Electrical Appliances - Safety - Part 2	Moisture resistance	Cl. 15 of IS 302 : Part 2 : Sec 8 : 2024 (IEC 60335-2-8 : 2022)/ IS

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
	Particular Requirements - Section 8 Shavers, Hair Clippers and Similar Appliances		302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
145.	Household and Similar Electrical Appliances - Safety - Part 2 Particular Requirements - Section 8 Shavers, Hair Clippers and Similar Appliances	Leakage current and electric strength	Cl. 16 of IS 302 : Part 2 : Sec 8 : 2024 (IEC 60335-2-8 : 2022)/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
146.	Household and Similar Electrical Appliances - Safety - Part 2 Particular Requirements - Section 8 Shavers, Hair Clippers and Similar Appliances	Overload protection of Transformers and associated circuits	Cl. 17 of IS 302 : Part 2 : Sec 8 : 2024 (IEC 60335-2-8 : 2022)/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
147.	Household and Similar Electrical Appliances - Safety - Part 2 Particular Requirements - Section 8 Shavers, Hair Clippers and Similar Appliances	Abnormal operation	Cl. 19 of IS 302 : Part 2 : Sec 8 : 2024 (IEC 60335-2-8 : 2022)/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
148.	Household and Similar Electrical Appliances - Safety - Part 2 Particular Requirements - Section 8 Shavers, Hair Clippers and Similar Appliances	Stability and mechanical hazards	Cl. 20 of IS 302 : Part 2 : Sec 8 : 2024 (IEC 60335-2-8 : 2022)/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
149.	Household and Similar Electrical Appliances - Safety - Part 2 Particular Requirements - Section 8 Shavers, Hair Clippers and Similar Appliances	Mechanical strength	Cl. 21 of IS 302 : Part 2 : Sec 8 : 2024 (IEC 60335-2-8 : 2022)/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
150.	Household and Similar Electrical Appliances - Safety - Part 2 Particular Requirements - Section 8 Shavers, Hair Clippers and Similar Appliances	Construction	Cl. 22 of IS 302 : Part 2 : Sec 8 : 2024 (IEC 60335-2-8 : 2022)/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
151.	Household and Similar Electrical Appliances - Safety - Part 2 Particular Requirements - Section 8 Shavers, Hair Clippers and Similar Appliances	Internal wiring	Cl.23 of IS 302 : Part 2 : Sec 8 : 2024 (IEC 60335-2-8 : 2022)/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
152.	Household and Similar Electrical Appliances - Safety - Part 2 Particular Requirements - Section 8 Shavers, Hair Clippers and Similar Appliances	Components	Cl. 24 of IS 302 : Part 2 : Sec 8 : 2024 (IEC 60335-2-8 : 2022)/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
153.	Household and Similar Electrical Appliances - Safety - Part 2 Particular Requirements - Section	Supply connection & external flexible cords	Cl. 25 of IS 302 : Part 2 : Sec 8 : 2024 (IEC 60335-2-8 : 2022)/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
	8 Shavers, Hair Clippers and Similar Appliances		
154.	Household and Similar Electrical Appliances - Safety - Part 2 Particular Requirements - Section 8 Shavers, Hair Clippers and Similar Appliances	Terminals for external conductors	Cl. 26 of IS 302 : Part 2 : Sec 8 : 2024 (IEC 60335-2-8 : 2022)/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
155.	Household and Similar Electrical Appliances - Safety - Part 2 Particular Requirements - Section 8 Shavers, Hair Clippers and Similar Appliances	Provision for Earthing	Cl. 27 of IS 302 : Part 2 : Sec 8 : 2024 (IEC 60335-2-8 : 2022)/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
156.	Household and Similar Electrical Appliances - Safety - Part 2 Particular Requirements - Section 8 Shavers, Hair Clippers and Similar Appliances	Screws and connections	Cl. 28 of IS 302 : Part 2 : Sec 8 : 2024 (IEC 60335-2-8 : 2022)/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
157.	Household and Similar Electrical Appliances - Safety - Part 2 Particular Requirements - Section 8 Shavers, Hair Clippers and Similar Appliances	Clearances, Creepage distances and solid insulation	Cl 29 of IS 302 : Part 2 : Sec 8 : 2024 (IEC 60335-2-8 : 2022)/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
158.	Household and Similar Electrical Appliances - Safety - Part 2	Resistance to heat and fire	Cl 30 of IS 302 : Part 2 : Sec 8 : 2024 (IEC 60335-2-8 : 2022)/ IS 302-1:

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
	Particular Requirements - Section 8 Shavers, Hair Clippers and Similar Appliances		2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
159.	Household and Similar Electrical Appliances - Safety - Part 2 Particular Requirements - Section 8 Shavers, Hair Clippers and Similar Appliances	Resistance to rusting	Cl 31 of IS 302 : Part 2 : Sec 8 : 2024 (IEC 60335-2-8 : 2022)/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
160.	Household and Similar Electrical Appliances - Safety - Part 2 Particular Requirements - Section 13 Deep Fat Fryers, Frying Pans and Similar Appliances	General condition for the tests	Cl. 5 of IS 302 : Part 2 : Sec 8 : 2024 (IEC 60335-2-8 : 2022)/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
161.	Household and Similar Electrical Appliances - Safety - Part 2 Particular Requirements - Section 13 Deep Fat Fryers, Frying Pans and Similar Appliances	Classification	Cl. 6, of IS 302 : Part 2 : Sec 13 : 2024 (IEC 60335-2-13 : 2021)/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
162.	Household and Similar Electrical Appliances - Safety - Part 2 Particular Requirements - Section 13 Deep Fat Fryers, Frying Pans and Similar Appliances	Marking & Instructions	Cl. 7 of IS 302 : Part 2 : Sec 13 : 2024 (IEC 60335-2-13 : 2021)/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
163.	Household and Similar Electrical Appliances - Safety - Part 2 Particular Requirements - Section 13 Deep Fat Fryers, Frying Pans and Similar Appliances	Protection against access to live parts	Cl. 8 of IS 302 : Part 2 : Sec 13 : 2024 (IEC 60335-2-13 : 2021)/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
164.	Household and Similar Electrical Appliances - Safety - Part 2 Particular Requirements - Section 13 Deep Fat Fryers, Frying Pans and Similar Appliances	Power Input and Current	Cl. 10 of IS 302 : Part 2 : Sec 13 : 2024 (IEC 60335-2-13 : 2021)/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
165.	Household and Similar Electrical Appliances - Safety - Part 2 Particular Requirements - Section 13 Deep Fat Fryers, Frying Pans and Similar Appliances	Heating	Cl. 11 of IS 302 : Part 2 : Sec 13 : 2024 (IEC 60335-2-13 : 2021)/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
166.	Household and Similar Electrical Appliances - Safety - Part 2 Particular Requirements - Section 13 Deep Fat Fryers, Frying Pans and Similar Appliances	Leakage current and electric strength at operating temperature	Cl. 13 of IS 302 : Part 2 : Sec 13 : 2024 (IEC 60335-2-13 : 2021)/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
167.	Household and Similar Electrical Appliances - Safety - Part 2 Particular Requirements - Section	Transient over voltage test	Cl. 14 of IS 302 : Part 2 : Sec 13 : 2024 (IEC 60335-2-13 : 2021)/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
	13 Deep Fat Fryers, Frying Pans and Similar Appliances		
168.	Household and Similar Electrical Appliances - Safety - Part 2 Particular Requirements - Section 13 Deep Fat Fryers, Frying Pans and Similar Appliances	Moisture resistance	Cl. 15 of IS 302 : Part 2 : Sec 13 : 2024 (IEC 60335-2-13 : 2021)/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
169.	Household and Similar Electrical Appliances - Safety - Part 2 Particular Requirements - Section 13 Deep Fat Fryers, Frying Pans and Similar Appliances	Leakage current and electric strength	Cl. 16 of IS 302 : Part 2 : Sec 13 : 2024 (IEC 60335-2-13 : 2021)/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
170.	Household and Similar Electrical Appliances - Safety - Part 2 Particular Requirements - Section 13 Deep Fat Fryers, Frying Pans and Similar Appliances	Overload protection of Transformers and associated circuits	Cl. 17 of IS 302 : Part 2 : Sec 13 : 2024 (IEC 60335-2-13 : 2021)/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
171.	Household and Similar Electrical Appliances - Safety - Part 2 Particular Requirements - Section 13 Deep Fat Fryers, Frying Pans and Similar Appliances	Abnormal operation	Cl. 19 of IS 302 : Part 2 : Sec 13 : 2024 (IEC 60335-2-13 : 2021)/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
172.	Household and Similar Electrical Appliances - Safety - Part 2	Stability and mechanical hazards	Cl. 20 of IS 302 : Part 2 : Sec 13 : 2024 (IEC 60335-2-13 : 2021)/ IS

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
	Particular Requirements - Section 13 Deep Fat Fryers, Frying Pans and Similar Appliances		302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
173.	Household and Similar Electrical Appliances - Safety - Part 2 Particular Requirements - Section 13 Deep Fat Fryers, Frying Pans and Similar Appliances	Mechanical strength	Cl 21 of IS 302 : Part 2 : Sec 13 : 2024 (IEC 60335-2-13 : 2021)/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
174.	Household and Similar Electrical Appliances - Safety - Part 2 Particular Requirements - Section 13 Deep Fat Fryers, Frying Pans and Similar Appliances	Construction	Cl. 22 of IS 302 : Part 2 : Sec 13 : 2024 (IEC 60335-2-13 : 2021)/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
175.	Household and Similar Electrical Appliances - Safety - Part 2 Particular Requirements - Section 13 Deep Fat Fryers, Frying Pans and Similar Appliances	Internal wiring	Cl. 23 of IS 302 : Part 2 : Sec 13 : 2024 (IEC 60335-2-13 : 2021)/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
176.	Household and Similar Electrical Appliances - Safety - Part 2 Particular Requirements - Section 13 Deep Fat Fryers, Frying Pans and Similar Appliances	Components	Cl. 24 of IS 302 : Part 2 : Sec 13 : 2024 (IEC 60335-2-13 : 2021)/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
177.	Household and Similar Electrical Appliances - Safety - Part 2 Particular Requirements - Section 13 Deep Fat Fryers, Frying Pans and Similar Appliances	Supply connection & external flexible cords	Cl. 25 of IS 302 : Part 2 : Sec 13 : 2024 (IEC 60335-2-13 : 2021)/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
178.	Household and Similar Electrical Appliances - Safety - Part 2 Particular Requirements - Section 13 Deep Fat Fryers, Frying Pans and Similar Appliances	Terminals for external conductors	Cl. 26 of IS 302 : Part 2 : Sec 13 : 2024 (IEC 60335-2-13 : 2021)/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
179.	Household and Similar Electrical Appliances - Safety - Part 2 Particular Requirements - Section 13 Deep Fat Fryers, Frying Pans and Similar Appliances	Provision for Earthing	Cl 27 of IS 302 : Part 2 : Sec 13 : 2024 (IEC 60335-2-13 : 2021)/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
180.	Household and Similar Electrical Appliances - Safety - Part 2 Particular Requirements - Section 13 Deep Fat Fryers, Frying Pans and Similar Appliances	Screws and connections	Cl. 28 of IS 302 : Part 2 : Sec 13 : 2024 (IEC 60335-2-13 : 2021)/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
181.	Household and Similar Electrical Appliances - Safety - Part 2 Particular Requirements - Section	Clearances, Creepage distances and solid insulation	Cl. 29 of IS 302 : Part 2 : Sec 13 : 2024 (IEC 60335-2-13 : 2021)/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
	13 Deep Fat Fryers, Frying Pans and Similar Appliances		
182.	Household and Similar Electrical Appliances - Safety - Part 2 Particular Requirements - Section 13 Deep Fat Fryers, Frying Pans and Similar Appliances	Resistance to heat and fire	Cl. 30 of IS 302 : Part 2 : Sec 13 : 2024 (IEC 60335-2-13 : 2021)/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
183.	Household and Similar Electrical Appliances - Safety - Part 2 Particular Requirements - Section 13 Deep Fat Fryers, Frying Pans and Similar Appliances	Resistance to rusting	Cl. 31 of IS 302 : Part 2 : Sec 13 : 2024 (IEC 60335-2-13 : 2021)/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
184.	Household and Similar Electrical Appliances - Safety - Part 1 General Requirements	General condition for the tests	Cl. 5 of IS 302 (Part 1) :2024, IEC 60335-1 :2020
185.	Household and Similar Electrical Appliances - Safety - Part 1 General Requirements	Classification	Cl. 6 of IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
186.	Household and Similar Electrical Appliances - Safety - Part 1 General Requirements	Marking and Instruction	Cl.7 of IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
187.	Household and Similar Electrical Appliances - Safety - Part 1 General Requirements	Protection against access to live Parts	Cl. 8 of IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
188.	Household and Similar Electrical Appliances - Safety - Part 1 General Requirements	Starting of motor operated appliances	Cl. 9 of IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
189.	Household and Similar Electrical Appliances - Safety - Part 1 General Requirements	Power Input and Current	Cl. 10 of IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
190.	Household and Similar Electrical Appliances - Safety - Part 1 General Requirements	Heating	Cl. 11 of IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
191.	Household and Similar Electrical Appliances - Safety - Part 1 General Requirements	Charging of Metal-ion Batteries	Cl.12 of IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
192.	Household and Similar Electrical Appliances - Safety - Part 1 General Requirements	Leakage Current and Electric Strength at Operating Temperature	Cl. 13 of IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
193.	Household and Similar Electrical Appliances - Safety - Part 1 General Requirements	Transient Over Voltage	Cl. 14 of IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
194.	Household and Similar Electrical Appliances - Safety - Part 1 General Requirements	Moisture Resistance	Cl. 15 of IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
195.	Household and Similar Electrical Appliances - Safety - Part 1 General Requirements	Leakage Current and Electric Strength	Cl. 16 of IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
196.	Household and Similar Electrical Appliances - Safety - Part 1 General Requirements	Overload Protection of Transformers and associated circuits	Cl. 17 of IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
197.	Household and Similar Electrical Appliances - Safety - Part 1 General Requirements	Endurance	Cl. 18 of IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
198.	Household and Similar Electrical Appliances - Safety - Part 1 General Requirements	Abnormal Operation	Cl. 19 of IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
199.	Household and Similar Electrical Appliances - Safety - Part 1 General Requirements	Stability and Mechanical Hazards	Cl. 20 of IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
200.	Household and Similar Electrical Appliances - Safety - Part 1 General Requirements	Mechanical Strength	Cl. 21 of IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
201.	Household and Similar Electrical Appliances - Safety - Part 1 General Requirements	Construction	Cl. 22 of IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
202.	Household and Similar Electrical Appliances - Safety - Part 1 General Requirements	Internal Wiring	Cl. 23 of IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
203.	Household and Similar Electrical Appliances - Safety - Part 1 General Requirements	Components	Cl. 24 of IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
204.	Household and Similar Electrical Appliances - Safety - Part 1 General Requirements	Supply connection and external flexible cords	Cl. 25 of IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
205.	Household and Similar Electrical Appliances - Safety - Part 1 General Requirements	Terminal for external conductors	Cl. 26 of IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
206.	Household and Similar Electrical Appliances - Safety - Part 1 General Requirements	Provision for earthing	Cl. 27 of IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
207.	Household and Similar Electrical Appliances - Safety - Part 1 General Requirements	Screws and Connection	Cl. 28 of IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
208.	Household and Similar Electrical Appliances - Safety - Part 1 General Requirements	Clearances, creepage distance and solid insulation	Cl. 29 of IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
209.	Household and Similar Electrical Appliances - Safety - Part 1 General Requirements	Resistance to Heat and Fire	Cl. 30 of IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
210.	Household and Similar Electrical Appliances - Safety - Part 1 General Requirements	Resistance to rusting	Cl. 31 of IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
211.	Safety of household and similar electrical appliances: Part 2	General condition for the test	Cl. 5 of IS 302 : Part 2 : SEC 31 : 2009/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
	Particular requirements, Section 31 Range Hoods		
212.	Safety of household and similar electrical appliances: Part 2 Particular requirements, Section 31 Range Hoods	Classification	Cl. 6 of IS 302 : Part 2 : SEC 31 : 2009/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
213.	Safety of household and similar electrical appliances: Part 2 Particular requirements, Section 31 Range Hoods	Marking & Instructions	Cl. 7 of IS 302 : Part 2 : SEC 31 : 2009/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
214.	Safety of household and similar electrical appliances: Part 2 Particular requirements, Section 31 Range Hoods	Protection against access to live parts	Cl. 8 of IS 302 : Part 2 : SEC 31 : 2009/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
215.	Safety of household and similar electrical appliances: Part 2 Particular requirements, Section 31 Range Hoods	Power Input and current	Cl. 10 of IS 302 : Part 2 : SEC 31 : 2009/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
216.	Safety of household and similar electrical appliances: Part 2 Particular requirements, Section 31 Range Hoods	Heating	Cl. 11 of IS 302 : Part 2 : SEC 31 : 2009/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
217.	Safety of household and similar electrical appliances: Part 2 Particular requirements, Section 31 Range Hoods	Leakage current and electric strength at operating temp.	Cl. 13 of IS 302 : Part 2 : SEC 31 : 2009/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
218.	Safety of household and similar electrical appliances: Part 2 Particular requirements, Section 31 Range Hoods	Transient over voltage test	Cl. 14 of IS 302 : Part 2 : SEC 31 : 2009/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
219.	Safety of household and similar electrical appliances: Part 2 Particular requirements, Section 31 Range Hoods	Moisture resistance	Cl. 15 of IS 302 : Part 2 : SEC 31 : 2009/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
220.	Safety of household and similar electrical appliances: Part 2 Particular requirements, Section 31 Range Hoods	Leakage current and electric strength	Cl. 16 of IS 302 : Part 2 : SEC 31 : 2009/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
221.	Safety of household and similar electrical appliances: Part 2 Particular requirements, Section 31 Range Hoods	Overload protection of Transformers and associated circuits	Cl. 17 of IS 302 : Part 2 : SEC 31 : 2009/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
222.	Safety of household and similar electrical appliances: Part 2 Particular requirements, Section 31 Range Hoods	Abnormal operation	Cl. 19 of IS 302 : Part 2 : SEC 31 : 2009/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
223.	Safety of household and similar electrical appliances: Part 2 Particular requirements, Section 31 Range Hoods	Stability and mechanical hazards	Cl. 20 of IS 302 : Part 2 : SEC 31 : 2009/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
224.	Safety of household and similar electrical appliances: Part 2 Particular requirements, Section 31 Range Hoods	Mechanical strength	Cl. 21 of IS 302 : Part 2 : SEC 31 : 2009/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
225.	Safety of household and similar electrical appliances: Part 2 Particular requirements, Section 31 Range Hoods	Construction	Cl. 22 of IS 302 : Part 2 : SEC 31 : 2009/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
226.	Safety of household and similar electrical appliances: Part 2 Particular requirements, Section 31 Range Hoods	Internal wiring	Cl. 23 of IS 302 : Part 2 : SEC 31 : 2009/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
227.	Safety of household and similar electrical appliances: Part 2 Particular requirements, Section 31 Range Hoods	Components	Cl. 24.1 of IS 302 : Part 2 : SEC 31 : 2009/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
228.	Safety of household and similar electrical appliances: Part 2 Particular requirements, Section 31 Range Hoods	Supply connection & external flexible cords	Cl. 25 of IS 302 : Part 2 : SEC 31 : 2009/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
229.	Safety of household and similar electrical appliances: Part 2 Particular requirements, Section 31 Range Hoods	Terminals for external conductors	Cl. 26 of IS 302 : Part 2 : SEC 31 : 2009/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
230.	Safety of household and similar electrical appliances: Part 2 Particular requirements, Section 31 Range Hoods	Provision for Earthing	Cl. 27 IS 302 : Part 2 : SEC 31 : 2009/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
231.	Safety of household and similar electrical appliances: Part 2 Particular requirements, Section 31 Range Hoods	Screws and connections	Cl. 28 of IS 302 : Part 2 : SEC 31 : 2009/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
232.	Safety of household and similar electrical appliances: Part 2 Particular requirements, Section 31 Range Hoods	Clearances, Creepage distances and solid insulation	Cl. 29 of IS 302 : Part 2 : SEC 31 : 2009/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
233.	Safety of household and similar electrical appliances: Part 2 Particular requirements, Section 31 Range Hoods	Resistance to heat and fire	Cl. 30 IS 302 : Part 2 : SEC 31 : 2009/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
234.	Safety of household and similar electrical appliances: Part 2 Particular requirements, Section 31 Range Hoods	Resistance to rusting	Cl. 31 of IS 302 : Part 2 : SEC 31 : 2009/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
235.	Safety Of Household And Similar Electrical Appliances Part 1 General Requirements	Classification	Cl. 6 of IS 302 : Part 2 : SEC 31 : 2009/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
236.	Safety Of Household And Similar Electrical Appliances Part 1 General Requirements	Marking & Instructions	Cl. 7 of IS 302: PART 1: 2008 and Cl. 7 of IEC 60335-1:2020
237.	Safety Of Household And Similar Electrical Appliances Part 1 General Requirements	Protection against access to live parts	Cl. 8 of IS 302: PART 1: 2008 and Cl. 8 of IEC 60335-1:2020
238.	Safety Of Household And Similar Electrical Appliances Part 1 General Requirements	Starting of Motor-operated Appliances	Cl. 9 of IS 302: PART 1: 2008 and Cl. 9 of IEC 60335-1:2020
239.	Safety Of Household And Similar Electrical Appliances Part 1 General Requirements	Power Input and current	Cl. 10 of IS 302: PART 1: 2008 and Cl. 10 of IEC 60335-1:2020
240.	Safety Of Household And Similar Electrical Appliances Part 1 General Requirements	Heating	Cl. 11 of IS 302: PART 1: 2008 and Cl. 11 of IEC 60335-1:2020
241.	Safety Of Household And Similar Electrical Appliances Part 1 General Requirements	Leakage current and electric strength at operating temp.	Cl. 13 of IS 302: PART 1: 2008 and Cl. 13 of IEC 60335-1:2020
242.	Safety Of Household And Similar Electrical Appliances Part 1 General Requirements	Moisture resistance	Cl. 15 of IS 302: PART 1: 2008 and Cl. 15 of IEC 60335-1:2020

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
243.	Safety Of Household And Similar Electrical Appliances Part 1 General Requirements	Leakage current and electric strength	Cl. 16 of IS 302: PART 1: 2008 and Cl. 16 of IEC 60335-1:2020
244.	Safety Of Household And Similar Electrical Appliances Part 1 General Requirements	Overload protection of Transformers and associated circuits	Cl. 17 of IS 302: PART 1: 2008 and Cl. 17 of IEC 60335-1:2020
245.	Safety Of Household And Similar Electrical Appliances Part 1 General Requirements	Endurance	Cl. 18 of IS 302: PART 1: 2008 and Cl. 18 of IEC 60335-1:2020
246.	Safety Of Household And Similar Electrical Appliances Part 1 General Requirements	Abnormal operation	Cl. 19 of IS 302: PART 1: 2008 and Cl. 19 of IEC 60335-1:2020
247.	Safety Of Household And Similar Electrical Appliances Part 1 General Requirements	Stability and mechanical hazards	Cl. 20 of IS 302: PART 1: 2008 and Cl. 20 of IEC 60335-1:2020
248.	Safety Of Household And Similar Electrical Appliances Part 1 General Requirements	Mechanical strength	Cl. 21 of IS 302: PART 1: 2008 and Cl. 21 of IEC 60335-1:2020
249.	Safety Of Household And Similar Electrical Appliances Part 1 General Requirements	Construction	Cl. 22 of IS 302: PART 1: 2008 and Cl. 22 of IEC 60335-1:2020
250.	Safety Of Household And Similar Electrical Appliances Part 1 General Requirements	Internal wiring	Cl. 23 of IS 302: PART 1: 2008 and Cl. 23 of IEC 60335-1:2020

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
251.	Safety Of Household And Similar Electrical Appliances Part 1 General Requirements	Components	Cl. 24 of IS 302: PART 1: 2008 and Cl. 24 of IEC 60335-1:2020
252.	Safety Of Household And Similar Electrical Appliances Part 1 General Requirements	Supply connection & external flexible cables & cords	Cl. 25 of IS 302: PART 1: 2008 and Cl. 25 of IEC 60335-1:2020
253.	Safety Of Household And Similar Electrical Appliances Part 1 General Requirements	Terminals for external conductors	Cl. 26 of IS 302: PART 1: 2008 and Cl. 26 of IEC 60335-1:2020
254.	Safety Of Household And Similar Electrical Appliances Part 1 General Requirements	Provision for Earthing	Cl. 27 of IS 302: PART 1: 2008 and Cl. 27 of IEC 60335-1:2020
255.	Safety Of Household And Similar Electrical Appliances Part 1 General Requirements	Screws and connections	Cl. 28 of IS 302: PART 1: 2008 and Cl. 28 of IEC 60335-1:2020
256.	Safety Of Household And Similar Electrical Appliances Part 1 General Requirements	Clearances, Creepage distances and solid insulations	Cl. 29 of IS 302: PART 1: 2008 and Cl. 29 of IEC 60335-1:2020
257.	Safety Of Household And Similar Electrical Appliances Part 1 General Requirements	Resistance to heat and fire	Cl. 30 of IS 302: PART 1: 2008 and Cl. 30 of IEC 60335-1:2020
258.	Safety Of Household And Similar Electrical Appliances Part 1 General Requirements	Resistance to rusting	Cl. 31 of IS 302: PART 1: 2008 and Cl. 31 of IEC 60335-1:2020

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
259.	Safety Of Household And Similar Electrical Appliances Part 2 Particular Requirements Section 3 Electric Iron	Classification & Rating	Cl. 6 of IS 302: PART 2: SEC 3:2007, Cl. 7 of IS 366: 1991 and IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
260.	Safety Of Household And Similar Electrical Appliances Part 2 Particular Requirements Section 3 Electric Iron	Marking & Instructions	Cl. 7 of IS 302: PART 2: SEC 3:2007, Cl. 7 of IS 366: 1991 and IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
261.	Safety Of Household And Similar Electrical Appliances Part 2 Particular Requirements Section 3 Electric Iron	Protection against access to live parts	Cl. 8 of IS 302: PART 2: SEC 3:2007, and IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
262.	Safety Of Household And Similar Electrical Appliances Part 2 Particular Requirements Section 3 Electric Iron	Power Input and current	Cl. 10 of IS 302: PART 2: SEC 3:2007, and IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
263.	Safety Of Household And Similar Electrical Appliances Part 2 Particular Requirements Section 3 Electric Iron	Temperature rise	Cl. 11 of IS 302: PART 2: SEC 3:2007, and IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
264.	Safety Of Household And Similar Electrical Appliances Part 2 Particular Requirements Section 3 Electric Iron	Leakage current and electric strength at operating temp.	Cl. 13 of IS 302: PART 2: SEC 3:2007, and IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
265.	Safety Of Household And Similar Electrical Appliances Part 2 Particular Requirements Section 3 Electric Iron	Transient over voltage test	Cl. 14 IS 302: PART 2: SEC 3:2007, and IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
266.	Safety Of Household And Similar Electrical Appliances Part 2 Particular Requirements Section 3 Electric Iron	Moisture resistance	Cl. 15 of IS 302: PART 2: SEC 3:2007, and IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
267.	Safety Of Household And Similar Electrical Appliances Part 2 Particular Requirements Section 3 Electric Iron	Leakage current and electric strength	Cl. 16 of IS 302: PART 2: SEC 3:2007, and IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
268.	Safety Of Household And Similar Electrical Appliances Part 2 Particular Requirements Section 3 Electric Iron	Abnormal operation	Cl. 19 of IS 302: PART 2: SEC 3:2007, and IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
269.	Safety Of Household And Similar Electrical Appliances Part 2 Particular Requirements Section 3 Electric Iron	Stability and mechanical hazards	Cl. 20 of IS 302: PART 2: SEC 3:2007, and IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
270.	Safety Of Household And Similar Electrical Appliances Part 2 Particular Requirements Section 3 Electric Iron	Mechanical strength	Cl. 21 of IS 302: PART 2: SEC 3:2007, and IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
271.	Safety Of Household And Similar Electrical Appliances Part 2 Particular Requirements Section 3 Electric Iron	Construction	Cl. 22 of IS 302: PART 2: SEC 3:2007, and IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
272.	Safety Of Household And Similar Electrical Appliances Part 2 Particular Requirements Section 3 Electric Iron	Internal wiring	Cl. 23 of IS 302: PART 2: SEC 3:2007, and IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
273.	Safety Of Household And Similar Electrical Appliances Part 2 Particular Requirements Section 3 Electric Iron	Components	Cl. 24 of IS 302: PART 2: SEC 3:2007, and IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
274.	Safety Of Household And Similar Electrical Appliances Part 2 Particular Requirements Section 3 Electric Iron	Supply connection & external flexible cords	Cl. 25 of IS 302: PART 2: SEC 3:2007, and IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
275.	Safety Of Household And Similar Electrical Appliances Part 2 Particular Requirements Section 3 Electric Iron	Terminals for external conductors	Cl. 26 of IS 302: PART 2: SEC 3:2007, and IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
276.	Safety Of Household And Similar Electrical Appliances Part 2 Particular Requirements Section 3 Electric Iron	Provision for Earthing	Cl. 27 of IS 302: PART 2: SEC 3:2007, and IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
277.	Safety Of Household And Similar Electrical Appliances Part 2 Particular Requirements Section 3 Electric Iron	Screws and connections	Cl. 28 of IS 302: PART 2: SEC 3:2007, and IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
278.	Safety Of Household And Similar Electrical Appliances Part 2 Particular Requirements Section 3 Electric Iron	Clearances, Creepage distances and solid insulations	Cl. 29 of IS 302: PART 2: SEC 3:2007, and IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
279.	Safety Of Household And Similar Electrical Appliances Part 2 Particular Requirements Section 3 Electric Iron	Resistance to heat, fire and tracking	Cl. 30 of IS 302: PART 2: SEC 3:2007, and IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
280.	Safety Of Household And Similar Electrical Appliances Part 2 Particular Requirements Section 3 Electric Iron	Resistance to rusting	Cl. 31 of IS 302: PART 2: SEC 3:2007, and IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
281.	Electric Iron	Measurement of Heating-up time	Cl. 10 of IS 366: 1991
282.	Electric Iron	Measurement of Sole plate temperature	Cl. 11 of IS 366: 1991
283.	Electric Iron	Measurement of Temperature distribution	Cl. 12 of IS 366: 1991

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
284.	Electric Iron	Measurement of initial overswing temperature and heating-up excess temperature	Cl. 13 of IS 366: 1991
285.	Electric Iron	Measurement of cyclic fluctuation of temperature	Cl. 14 of IS 366: 1991
286.	Electric Iron	Measurement of temperature drop under load	Cl. 15 of IS 366: 1991
287.	Electric Iron	Measurement of thermostatic stability	Cl. 16 of IS 366: 1991
288.	Electric Iron	Finish	Cl. 17 of IS 366: 1991
289.	Safety of household and similar electrical appliances: Part 2 Particular requirements, Section 6 Cooking Ranges, Hobs, Ovens and Similar Appliances	Classification	Cl. 6 of IS 302 : Part 2 : Sec 6 : 2009/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
290.	Safety of household and similar electrical appliances: Part 2 Particular requirements, Section 6 Cooking Ranges, Hobs, Ovens and Similar Appliances	Marking & Instructions	Cl. 7 of IS 302 : Part 2 : Sec 6 : 2009/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
291.	Safety of household and similar electrical appliances: Part 2 Particular requirements, Section 6 Cooking Ranges, Hobs, Ovens and Similar Appliances	Protection against access to live parts	Cl. 8 of IS 302 : Part 2 : Sec 6 : 2009/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
292.	Safety of household and similar electrical appliances: Part 2 Particular requirements, Section 6 Cooking Ranges, Hobs, Ovens and Similar Appliances	Power Input and current	Cl. 10 of IS 302 : Part 2 : Sec 6 : 2009/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
293.	Safety of household and similar electrical appliances: Part 2 Particular requirements, Section 6 Cooking Ranges, Hobs, Ovens and Similar Appliances	Heating	Cl. 11 of IS 302 : Part 2 : Sec 6 : 2009/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
294.	Safety of household and similar electrical appliances: Part 2 Particular requirements, Section 6 Cooking Ranges, Hobs, Ovens and Similar Appliances	Leakage current and electric strength at operating temperature	Cl. 13 of IS 302 : Part 2 : Sec 6 : 2009/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
295.	Safety of household and similar electrical appliances: Part 2 Particular requirements, Section 6	Transient over voltages	Cl. 14 of IS 302 : Part 2 : Sec 6 : 2009/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
	Cooking Ranges, Hobs, Ovens and Similar Appliances		
296.	Safety of household and similar electrical appliances: Part 2 Particular requirements, Section 6 Cooking Ranges, Hobs, Ovens and Similar Appliances	Moisture resistance	Cl. 15 of IS 302 : Part 2 : Sec 6 : 2009/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
297.	Safety of household and similar electrical appliances: Part 2 Particular requirements, Section 6 Cooking Ranges, Hobs, Ovens and Similar Appliances	Leakage current and electric strength	Cl. 16 of IS 302 : Part 2 : Sec 6 : 2009/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
298.	Safety of household and similar electrical appliances: Part 2 Particular requirements, Section 6 Cooking Ranges, Hobs, Ovens and Similar Appliances	Overload protection of Transformers and associated circuits	Cl. 17 of IS 302 : Part 2 : Sec 6 : 2009/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
299.	Safety of household and similar electrical appliances: Part 2 Particular requirements, Section 6 Cooking Ranges, Hobs, Ovens and Similar Appliances	Abnormal operation	Cl. 19 of IS 302 : Part 2 : Sec 6 : 2009/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
300.	Safety of household and similar electrical appliances: Part 2 Particular requirements, Section 6 Cooking Ranges, Hobs, Ovens and Similar Appliances	Stability and mechanical hazards	Cl. 20 of IS 302 : Part 2 : Sec 6 : 2009/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
301.	Safety of household and similar electrical appliances: Part 2 Particular requirements, Section 6 Cooking Ranges, Hobs, Ovens and Similar Appliances	Mechanical strength	Cl. 21 of IS 302 : Part 2 : Sec 6 : 2009/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
302.	Safety of household and similar electrical appliances: Part 2 Particular requirements, Section 6 Cooking Ranges, Hobs, Ovens and Similar Appliances	Construction	Cl. 22 of IS 302 : Part 2 : Sec 6 : 2009/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
303.	Safety of household and similar electrical appliances: Part 2 Particular requirements, Section 6 Cooking Ranges, Hobs, Ovens and Similar Appliances	Internal wiring	Cl. 23 of IS 302 : Part 2 : Sec 6 : 2009/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
304.	Safety of household and similar electrical appliances: Part 2 Particular requirements, Section 6	Components	Cl. 24 of IS 302 : Part 2 : Sec 6 : 2009/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
	Cooking Ranges, Hobs, Ovens and Similar Appliances		
305.	Safety of household and similar electrical appliances: Part 2 Particular requirements, Section 6 Cooking Ranges, Hobs, Ovens and Similar Appliances	Supply connection & external flexible cords	Cl. 25 of IS 302 : Part 2 : Sec 6 : 2009/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
306.	Safety of household and similar electrical appliances: Part 2 Particular requirements, Section 6 Cooking Ranges, Hobs, Ovens and Similar Appliances	Terminals for external conductors	Cl. 26 of IS 302 : Part 2 : Sec 6 : 2009/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
307.	Safety of household and similar electrical appliances: Part 2 Particular requirements, Section 6 Cooking Ranges, Hobs, Ovens and Similar Appliances	Provision for Earthing	Cl. 27 of IS 302 : Part 2 : Sec 6 : 2009/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
308.	Safety of household and similar electrical appliances: Part 2 Particular requirements, Section 6 Cooking Ranges, Hobs, Ovens and Similar Appliances	Screws and connections	Cl. 28 of IS 302 : Part 2 : Sec 6 : 2009/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
309.	Safety of household and similar electrical appliances: Part 2	Clearances, Creepage distances and solid insulations	

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	Domestic Electrical Appliances		
	Particular requirements, Section 6 Cooking Ranges, Hobs, Ovens and Similar Appliances		Cl. 29 of IS 302 : Part 2 : Sec 6 : 2009/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
310.	Safety of household and similar electrical appliances: Part 2 Particular requirements, Section 6 Cooking Ranges, Hobs, Ovens and Similar Appliances	Resistance to heat and fire	Cl. 30 of IS 302 : Part 2 : Sec 6 : 2009/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
311.	Safety of household and similar electrical appliances: Part 2 Particular requirements, Section 6 Cooking Ranges, Hobs, Ovens and Similar Appliances	Resistance to rusting	Cl. 31 of IS 302 : Part 2 : Sec 6 : 2009/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
312.	Safety of household and similar electrical appliances: Part 2 Particular requirements: Section 9 Toasters, Grills, Roasters and similar appliances	Classification	Cl. 6 of IS 302 : Part 2 : Sec 9 : 2009/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
313.	Safety of household and similar electrical appliances: Part 2 Particular requirements: Section 9 Toasters, Grills, Roasters and similar appliances	Marking & Instructions	Cl. 7 of IS 302 : Part 2 : Sec 9 : 2009/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
314.	Safety of household and similar electrical appliances: Part 2 Particular requirements: Section 9 Toasters, Grills, Roasters and similar appliances	Protection against access to live parts	Cl. 8 of IS 302 : Part 2 : Sec 9 : 2009/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
315.	Safety of household and similar electrical appliances: Part 2 Particular requirements: Section 9 Toasters, Grills, Roasters and similar appliances	Power Input and current	Cl. 10 of IS 302 : Part 2 : Sec 9 : 2009/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
316.	Safety of household and similar electrical appliances: Part 2 Particular requirements: Section 9 Toasters, Grills, Roasters and similar appliances	Heating	Cl. 11 of IS 302 : Part 2 : Sec 9 : 2009/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
317.	Safety of household and similar electrical appliances: Part 2 Particular requirements: Section 9 Toasters, Grills, Roasters and similar appliances	Leakage current and electric strength at operating temp.	Cl. 13 of IS 302 : Part 2 : Sec 9 : 2009/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
318.	Safety of household and similar electrical appliances: Part 2 Particular requirements: Section 9	Transient over voltage test	Cl. 14 of IS 302 : Part 2 : Sec 9 : 2009/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
	Toasters, Grills, Roasters and similar appliances		
319.	Safety of household and similar electrical appliances: Part 2 Particular requirements: Section 9 Toasters, Grills, Roasters and similar appliances	Moisture resistance	Cl. 15 of IS 302 : Part 2 : Sec 9 : 2009/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
320.	Safety of household and similar electrical appliances: Part 2 Particular requirements: Section 9 Toasters, Grills, Roasters and similar appliances	Leakage current and electric strength	Cl. 16 of IS 302 : Part 2 : Sec 9 : 2009/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
321.	Safety of household and similar electrical appliances: Part 2 Particular requirements: Section 9 Toasters, Grills, Roasters and similar appliances	Overload protection of Transformers and associated circuits	Cl. 17 of IS 302 : Part 2 : Sec 9 : 2009/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
322.	Safety of household and similar electrical appliances: Part 2 Particular requirements: Section 9 Toasters, Grills, Roasters and similar appliances	Abnormal operation	Cl. 19 of IS 302 : Part 2 : Sec 9 : 2009/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
323.	Safety of household and similar electrical appliances: Part 2 Particular requirements: Section 9 Toasters, Grills, Roasters and similar appliances	Stability and mechanical hazards	Cl. 20 of IS 302 : Part 2 : Sec 9 : 2009/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
324.	Safety of household and similar electrical appliances: Part 2 Particular requirements: Section 9 Toasters, Grills, Roasters and similar appliances	Mechanical strength	Cl. 21 of IS 302 : Part 2 : Sec 9 : 2009/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
325.	Safety of household and similar electrical appliances: Part 2 Particular requirements: Section 9 Toasters, Grills, Roasters and similar appliances	Construction	Cl. 22 of IS 302 : Part 2 : Sec 9 : 2009/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
326.	Safety of household and similar electrical appliances: Part 2 Particular requirements: Section 9 Toasters, Grills, Roasters and similar appliances	Internal wiring	Cl. 23 of IS 302 : Part 2 : Sec 9 : 2009/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
327.	Safety of household and similar electrical appliances: Part 2 Particular requirements: Section 9	Components	Cl. 24 ,of IS 302 : Part 2 : Sec 9 : 2009/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
	Toasters, Grills, Roasters and similar appliances		
328.	Safety of household and similar electrical appliances: Part 2 Particular requirements: Section 9 Toasters, Grills, Roasters and similar appliances	Supply connection & external flexible cords	Cl. 25 of IS 302 : Part 2 : Sec 9 : 2009/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
329.	Safety of household and similar electrical appliances: Part 2 Particular requirements: Section 9 Toasters, Grills, Roasters and similar appliances	Terminals for external conductors	Cl. 26 of IS 302 : Part 2 : Sec 9 : 2009/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
330.	Safety of household and similar electrical appliances: Part 2 Particular requirements: Section 9 Toasters, Grills, Roasters and similar appliances	Provision for Earthing	Cl. 27 of IS 302 : Part 2 : Sec 9 : 2009/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
331.	Safety of household and similar electrical appliances: Part 2 Particular requirements: Section 9 Toasters, Grills, Roasters and similar appliances	Screws and connections	Cl. 28 of IS 302 : Part 2 : Sec 9 : 2009/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
332.	Safety of household and similar electrical appliances: Part 2 Particular requirements: Section 9 Toasters, Grills, Roasters and similar appliances	Clearances, Creepage distances and solid insulation	Cl. 29 of IS 302 : Part 2 : Sec 9 : 2009/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
333.	Safety of household and similar electrical appliances: Part 2 Particular requirements: Section 9 Toasters, Grills, Roasters and similar appliances	Resistance to heat and fire	Cl. 30 of IS 302 : Part 2 : Sec 9 : 2009/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
334.	Safety of household and similar electrical appliances: Part 2 Particular requirements: Section 9 Toasters, Grills, Roasters and similar appliances	Resistance to rusting	Cl. 31 of IS 302 : Part 2 : Sec 9 : 2009/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
335.	Safety of household and similar electrical appliances: Part 2 Particular requirements. Section 14 Electric kitchen machines	Classification	Cl. 6 of IS 302 : Part 2 : Sec 14 : 2009/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
336.	Safety of household and similar electrical appliances: Part 2 Particular requirements. Section 14 Electric kitchen machines	Marking & Instructions	Cl. 7 of IS 302 : Part 2 : Sec 14 : 2009/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
337.	Safety of household and similar electrical appliances: Part 2 Particular requirements. Section 14 Electric kitchen machines	Protection against access to live parts	Cl. 8 of IS 302 : Part 2 : Sec 14 : 2009/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
338.	Safety of household and similar electrical appliances: Part 2 Particular requirements. Section 14 Electric kitchen machines	Power Input and current	Cl. 10 of IS 302 : Part 2 : Sec 14 : 2009/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
339.	Safety of household and similar electrical appliances: Part 2 Particular requirements. Section 14 Electric kitchen machines	Heating	Cl. 11 of IS 302 : Part 2 : Sec 14 : 2009/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
340.	Safety of household and similar electrical appliances: Part 2 Particular requirements. Section 14 Electric kitchen machines	Leakage current and electric strength at operating temp.	Cl. 13 of IS 302 : Part 2 : Sec 14 : 2009/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
341.	Safety of household and similar electrical appliances: Part 2 Particular requirements. Section 14 Electric kitchen machines	Transient over voltage test	Cl. 14 of IS 302 : Part 2 : Sec 14 : 2009/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
342.	Safety of household and similar electrical appliances: Part 2 Particular requirements. Section 14 Electric kitchen machines	Moisture resistance	Cl. 15 of IS 302 : Part 2 : Sec 14 : 2009/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
343.	Safety of household and similar electrical appliances: Part 2 Particular requirements. Section 14 Electric kitchen machines	Leakage current and electric strength	Cl. 16 of IS 302 : Part 2 : Sec 14 : 2009/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
344.	Safety of household and similar electrical appliances: Part 2 Particular requirements. Section 14 Electric kitchen machines	Overload protection of Transformers and associated circuits	Cl. 17 of IS 302 : Part 2 : Sec 14 : 2009/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
345.	Safety of household and similar electrical appliances: Part 2 Particular requirements. Section 14 Electric kitchen machines	Abnormal operation	Cl. 19 of IS 302 : Part 2 : Sec 14 : 2009/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
346.	Safety of household and similar electrical appliances: Part 2 Particular requirements. Section 14 Electric kitchen machines	Stability and mechanical hazards	Cl.20 of IS 302 : Part 2 : Sec 14 : 2009/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
347.	Safety of household and similar electrical appliances: Part 2 Particular requirements. Section 14 Electric kitchen machines	Mechanical strength	Cl. 21 of IS 302 : Part 2 : Sec 14 : 2009/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
348.	Safety of household and similar electrical appliances: Part 2 Particular requirements. Section 14 Electric kitchen machines	Construction	Cl. 22 of IS 302 : Part 2 : Sec 14 : 2009/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
349.	Safety of household and similar electrical appliances: Part 2 Particular requirements. Section 14 Electric kitchen machines	Internal wiring	Cl. 23 of IS 302 : Part 2 : Sec 14 : 2009/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
350.	Safety of household and similar electrical appliances: Part 2 Particular requirements. Section 14 Electric kitchen machines	Components	Cl. 24 of IS 302 : Part 2 : Sec 14 : 2009/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
351.	Safety of household and similar electrical appliances: Part 2 Particular requirements. Section 14 Electric kitchen machines	Supply connection & external flexible cords	Cl. 25 of IS 302 : Part 2 : Sec 14 : 2009/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
352.	Safety of household and similar electrical appliances: Part 2 Particular requirements. Section 14 Electric kitchen machines	Terminals for external conductors	Cl. 26 of IS 302 : Part 2 : Sec 14 : 2009/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
353.	Safety of household and similar electrical appliances: Part 2 Particular requirements. Section 14 Electric kitchen machines	Provision for Earthing	Cl. 27 of IS 302 : Part 2 : Sec 14 : 2009/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
354.	Safety of household and similar electrical appliances: Part 2 Particular requirements. Section 14 Electric kitchen machines	Screws and connections	Cl. 28 of IS 302 : Part 2 : Sec 14 : 2009/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
355.	Safety of household and similar electrical appliances: Part 2 Particular requirements. Section 14 Electric kitchen machines	Clearances, Creepage distances and solid insulations	Cl. 29 of IS 302 : Part 2 : Sec 14 : 2009/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
356.	Safety of household and similar electrical appliances: Part 2 Particular requirements. Section 14 Electric kitchen machines	Resistance to heat and fire	Cl. 30 of IS 302 : Part 2 : Sec 14 : 2009/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
357.	Safety of household and similar electrical appliances: Part 2 Particular requirements. Section 14 Electric kitchen machines	Resistance to rusting	Cl. 31 of IS 302 : Part 2 : Sec 14 : 2009/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
358.	Safety of household and similar electrical appliances: Part 2 Particular requirements. Section 14 Electric kitchen machines	Classification	Cl. 6 of IS 302 : Part 2 : Sec 15 : 2009/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
359.	Safety of household and similar electrical appliances: Part 2 Particular requirements: Section 15 Appliances for heating liquids	Marking & Instructions	Cl. 7 of IS 302 : Part 2 : Sec 15 : 2009/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
360.	Safety of household and similar electrical appliances: Part 2 Particular requirements: Section 15 Appliances for heating liquids	Protection against access to live parts	Cl. 8 of IS 302 : Part 2 : Sec 15 : 2009/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
361.	Safety of household and similar electrical appliances: Part 2 Particular requirements: Section 15 Appliances for heating liquids	Power Input and current	Cl. 10 of IS 302 : Part 2 : Sec 15 : 2009/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
362.	Safety of household and similar electrical appliances: Part 2 Particular requirements: Section 15 Appliances for heating liquids	Heating	Cl. 11 of IS 302 : Part 2 : Sec 15 : 2009/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
363.	Safety of household and similar electrical appliances: Part 2 Particular requirements: Section 15 Appliances for heating liquids	Leakage current and electric strength at operating temperature	Cl. 13 of IS 302 : Part 2 : Sec 15 : 2009/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
364.	Safety of household and similar electrical appliances: Part 2 Particular requirements: Section 15 Appliances for heating liquids	Transient over voltage test	Cl. 14 of IS 302 : Part 2 : Sec 15 : 2009/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
365.	Safety of household and similar electrical appliances: Part 2 Particular requirements: Section 15 Appliances for heating liquids	Moisture resistance	Cl. 15 of IS 302 : Part 2 : Sec 15 : 2009/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
366.	Safety of household and similar electrical appliances: Part 2 Particular requirements: Section 15 Appliances for heating liquids	Leakage current and electric strength	Cl. 16 of IS 302 : Part 2 : Sec 15 : 2009/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)

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	Domestic Electrical Appliances		
367.	Safety of household and similar electrical appliances: Part 2 Particular requirements: Section 15 Appliances for heating liquids	Overload protection of Transformers and associated circuits	Cl. 17 of IS 302 : Part 2 : Sec 15 : 2009/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
368.	Safety of household and similar electrical appliances: Part 2 Particular requirements: Section 15 Appliances for heating liquids	Abnormal operation	Cl. 19 of IS 302 : Part 2 : Sec 15 : 2009/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
369.	Safety of household and similar electrical appliances: Part 2 Particular requirements: Section 15 Appliances for heating liquids	Stability and mechanical hazards	Cl. 20 of IS 302 : Part 2 : Sec 15 : 2009/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
370.	Safety of household and similar electrical appliances: Part 2 Particular requirements: Section 15 Appliances for heating liquids	Mechanical strength	Cl. 21 of IS 302 : Part 2 : Sec 15 : 2009/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
371.	Safety of household and similar electrical appliances: Part 2 Particular requirements: Section 15 Appliances for heating liquids	Construction	Cl. 22 of IS 302 : Part 2 : Sec 15 : 2009/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
372.	Safety of household and similar electrical appliances: Part 2 Particular requirements: Section 15 Appliances for heating liquids	Internal wiring	Cl. 23 of IS 302 : Part 2 : Sec 15 : 2009/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
373.	Safety of household and similar electrical appliances: Part 2 Particular requirements: Section 15 Appliances for heating liquids	Components	Cl. 24 of IS 302 : Part 2 : Sec 15 : 2009/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
374.	Safety of household and similar electrical appliances: Part 2 Particular requirements: Section 15 Appliances for heating liquids	Supply connection & external flexible cords	Cl. 25 of IS 302 : Part 2 : Sec 15 : 2009/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
375.	Safety of household and similar electrical appliances: Part 2 Particular requirements: Section 15 Appliances for heating liquids	Terminals for external conductors	Cl. 26 IS 302 : Part 2 : Sec 15 : 2009/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
376.	Safety of household and similar electrical appliances: Part 2 Particular requirements: Section 15 Appliances for heating liquids	Provision for Earthing	Cl. 27 of IS 302 : Part 2 : Sec 15 : 2009/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
377.	Safety of household and similar electrical appliances: Part 2 Particular requirements: Section 15 Appliances for heating liquids	Screws and connections	Cl. 28 of IS 302 : Part 2 : Sec 15 : 2009/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
378.	Safety of household and similar electrical appliances: Part 2 Particular requirements: Section 15 Appliances for heating liquids	Clearances, Creepage distances and solid insulations	Cl. 29 of IS 302 : Part 2 : Sec 15 : 2009/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
379.	Safety of household and similar electrical appliances: Part 2 Particular requirements: Section 15 Appliances for heating liquids	Resistance to heat and fire	Cl. 30 of IS 302 : Part 2 : Sec 15 : 2009/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
380.	Safety of household and similar electrical appliances: Part 2 Particular requirements: Section 15 Appliances for heating liquids	Resistance to rusting	Cl. 31 of IS 302 : Part 2 : Sec 15 : 2009/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
381.	Safety of Household and Similar Electrical Appliances Part 2 Particular Requirements Section 21 Stationary Storage Type Electric Water Heaters	Classification	Cl. 6 of IS 302 : Part 2 : Sec 21 : 2018/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
382.	Safety of Household and Similar Electrical Appliances Part 2 Particular Requirements Section 21 Stationary Storage Type Electric Water Heaters	Marking & Instructions	Cl. 7 of IS 302 : Part 2 : Sec 21 : 2018/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
383.	Safety of Household and Similar Electrical Appliances Part 2 Particular Requirements Section 21 Stationary Storage Type Electric Water Heaters	Protection against access to live parts	Cl. 8 of IS 302 : Part 2 : Sec 21 : 2018/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
384.	Safety of Household and Similar Electrical Appliances Part 2 Particular Requirements Section 21 Stationary Storage Type Electric Water Heaters	Power Input and current	Cl. 10 of IS 302 : Part 2 : Sec 21 : 2018/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
385.	Safety of Household and Similar Electrical Appliances Part 2 Particular Requirements Section 21 Stationary Storage Type Electric Water Heaters	Heating	Cl. 11 of IS 302 : Part 2 : Sec 21 : 2018/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
386.	Safety of Household and Similar Electrical Appliances Part 2 Particular Requirements Section 21 Stationary Storage Type Electric Water Heaters	Leakage current and electric strength at operating temp.	Cl. 13 of IS 302 : Part 2 : Sec 21 : 2018/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
387.	Safety of Household and Similar Electrical Appliances Part 2 Particular Requirements Section 21 Stationary Storage Type Electric Water Heaters	Transient over voltage test	Cl. 14 of IS 302 : Part 2 : Sec 21 : 2018/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
388.	Safety of Household and Similar Electrical Appliances Part 2 Particular Requirements Section	Moisture resistance	Cl. 15 of IS 302 : Part 2 : Sec 21 : 2018/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
	21 Stationary Storage Type Electric Water Heaters		
389.	Safety of Household and Similar Electrical Appliances Part 2 Particular Requirements Section 21 Stationary Storage Type Electric Water Heaters	Leakage current and electric strength	Cl. 16 of IS 302 : Part 2 : Sec 21 : 2018/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
390.	Safety of Household and Similar Electrical Appliances Part 2 Particular Requirements Section 21 Stationary Storage Type Electric Water Heaters	Overload protection of Transformers and associated circuits	Cl. 17 of IS 302 : Part 2 : Sec 21 : 2018/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
391.	Safety of Household and Similar Electrical Appliances Part 2 Particular Requirements Section 21 Stationary Storage Type Electric Water Heaters	Abnormal operation	Cl. of IS 302 : Part 2 : Sec 21 : 2018/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
392.	Safety of Household and Similar Electrical Appliances Part 2 Particular Requirements Section 21 Stationary Storage Type Electric Water Heaters	Stability and mechanical hazards	Cl. 20 of IS 302 : Part 2 : Sec 21 : 2018/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
393.	Safety of Household and Similar Electrical Appliances Part 2 Particular Requirements Section 21 Stationary Storage Type Electric Water Heaters	Mechanical strength	Cl. 21 of IS 302 : Part 2 : Sec 21 : 2018/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
394.	Safety of Household and Similar Electrical Appliances Part 2 Particular Requirements Section 21 Stationary Storage Type Electric Water Heaters	Construction	Cl. 22 of IS 302 : Part 2 : Sec 21 : 2018/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
395.	Safety of Household and Similar Electrical Appliances Part 2 Particular Requirements Section 21 Stationary Storage Type Electric Water Heaters	Internal wiring	Cl. 23 of IS 302 : Part 2 : Sec 21 : 2018/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
396.	Safety of Household and Similar Electrical Appliances Part 2 Particular Requirements Section 21 Stationary Storage Type Electric Water Heaters	Components	Cl. 24 of IS 302 : Part 2 : Sec 21 : 2018/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
397.	Safety of Household and Similar Electrical Appliances Part 2 Particular Requirements Section	Supply connection & external flexible cords	Cl. 25 of IS 302 : Part 2 : Sec 21 : 2018/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
	21 Stationary Storage Type Electric Water Heaters		
398.	Safety of Household and Similar Electrical Appliances Part 2 Particular Requirements Section 21 Stationary Storage Type Electric Water Heaters	Terminals for external conductors	Cl. 26 of IS 302 : Part 2 : Sec 21 : 2018/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
399.	Safety of Household and Similar Electrical Appliances Part 2 Particular Requirements Section 21 Stationary Storage Type Electric Water Heaters	Provision for Earthing	Cl. 27 of IS 302 : Part 2 : Sec 21 : 2018/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
400.	Safety of Household and Similar Electrical Appliances Part 2 Particular Requirements Section 21 Stationary Storage Type Electric Water Heaters	Screws and connections	Cl. 28 of IS 302 : Part 2 : Sec 21 : 2018/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
401.	Safety of Household and Similar Electrical Appliances Part 2 Particular Requirements Section 21 Stationary Storage Type Electric Water Heaters	Clearances, Creepage distances and solid insulation	Cl. 29 of IS 302 : Part 2 : Sec 21 : 2018/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
402.	Safety of Household and Similar Electrical Appliances Part 2 Particular Requirements Section 21 Stationary Storage Type Electric Water Heaters	Resistance to heat and fire	Cl. 30 of IS 302 : Part 2 : Sec 21 : 2018/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
403.	Safety of Household and Similar Electrical Appliances Part 2 Particular Requirements Section 21 Stationary Storage Type Electric Water Heaters	Resistance to rusting	Cl. 31 of IS 302 : Part 2 : Sec 21 : 2018/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
404.	Stationary Storage Type Electric Water Heaters- Specification	Verification of Rated Capacity	Cl. 14 of IS 2082: 2018
405.	Stationary Storage Type Electric Water Heaters- Specification	Standing Loss per 24 Hrs.	Cl. 15 of IS 2082: 2018
406.	Stationary Storage Type Electric Water Heaters- Specification	Hot Water Output	Cl. 16 of IS 2082: 2018
407.	Stationary Storage Type Electric Water Heaters- Specification	Reheating Time	Cl. 17 of IS 2082: 2018
408.	Stationary Storage Type Electric Water Heaters- Specification	Mixing Factor	Cl. 18 of IS 2082: 2018
409.	Stationary Storage Type Electric Water Heaters- Specification	Deviation from Dial Calibration	Cl. 19 of IS 2082: 2018

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
410.	Stationary Storage Type Electric Water Heaters- Specification	Cyclic Temperature Variation	Cl. 20 of IS 2082: 2018
411.	Stationary Storage Type Electric Water Heaters- Specification	Finish	Cl. 21 of IS 2082: 2018
412.	Household And Similar Electrical Appliances - Room Heaters	Classification	Cl. 6 of IS 302 : Part 2 : Sec 30 : 2007/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
413.	Household And Similar Electrical Appliances - Room Heaters	Marking & Instructions	Cl. 7 of IS 302 : Part 2 : Sec 30 : 2007/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
414.	Household And Similar Electrical Appliances - Room Heaters	Protection against access to live parts	Cl. 8 of IS 302 : Part 2 : Sec 30 : 2007/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
415.	Household And Similar Electrical Appliances - Room Heaters	Power Input and current	Cl. 10 of IS 302 : Part 2 : Sec 30 : 2007/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
416.	Household And Similar Electrical Appliances - Room Heaters	Heating	Cl. 11 of IS 302 : Part 2 : Sec 30 : 2007/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
417.	Household And Similar Electrical Appliances - Room Heaters	Leakage current and electric strength at operating temperature	Cl. 13 of IS 302 : Part 2 : Sec 30 : 2007/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
418.	Household And Similar Electrical Appliances- Room Heaters	Transient over voltage test	Cl. 14 of IS 302 : Part 2 : Sec 30 : 2007/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
419.	Household And Similar Electrical Appliances - Room Heaters	Moisture resistance	Cl. 15 of IS 302 : Part 2 : Sec 30 : 2007/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
420.	Household And Similar Electrical Appliances - Room Heaters	Leakage current and electric strength	Cl. 16 of IS 302 : Part 2 : Sec 30 : 2007/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
421.	Household And Similar Electrical Appliances - Room Heaters	Overload protection of Transformers and associated circuits	Cl. 17 of IS 302 : Part 2 : Sec 30 : 2007/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
422.	HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES - ROOM HEATERS	Abnormal operation	Cl. 19 of IS 302 : Part 2 : Sec 30 : 2007/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
423.	Household And Similar Electrical Appliances - Room Heaters	Stability and mechanical hazards	Cl. 20 of IS 302 : Part 2 : Sec 30 : 2007/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
424.	Household And Similar Electrical Appliances - Room Heaters	Mechanical strength	Cl. 21 of IS 302 : Part 2 : Sec 30 : 2007/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
425.	Household And Similar Electrical Appliances - Room Heaters	Construction	Cl. 22 of IS 302 : Part 2 : Sec 30 : 2007/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
426.	Household And Similar Electrical Appliances - Room Heaters	Internal wiring	Cl. 23 of IS 302 : Part 2 : Sec 30 : 2007/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
427.	Household And Similar Electrical Appliances - Room Heaters	Components	Cl. 24 of IS 302 : Part 2 : Sec 30 : 2007/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
428.	Household And Similar Electrical Appliances - Room Heaters	Supply connection & external flexible cords	Cl. 25 of IS 302 : Part 2 : Sec 30 : 2007/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
429.	Household And Similar Electrical Appliances - Room Heaters	Terminals for external conductors	Cl. 26 of IS 302 : Part 2 : Sec 30 : 2007/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
430.	Household And Similar Electrical Appliances- Room Heaters	Provision for Earthing	Cl. 27 of IS 302 : Part 2 : Sec 30 : 2007/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
431.	Household And Similar Electrical Appliances - Room Heaters	Screws and connections	Cl. 28 of IS 302 : Part 2 : Sec 30 : 2007/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
432.	Household And Similar Electrical Appliances - Room Heaters	Clearances, Creepage distances and solid insulation	Cl. 29 of IS 302 : Part 2 : Sec 30 : 2007/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
433.	Household And Similar Electrical Appliances - Room Heaters	Resistance to heat and fire	Cl. 30 of IS 302 : Part 2 : Sec 30 : 2007/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
434.	Household And Similar Electrical Appliances - Room Heaters	Resistance to rusting	Cl. 31 of IS 302 : Part 2 : Sec 30 : 2007/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
435.	Household Electric Direct-Acting Room Heaters	Dimensions, mass and means of connection to the supply	Cl. 7 of IS 369: 2019

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
436.	Household Electric Direct-Acting Room Heaters	Temperature rises of air-outlet grilles and external surfaces	Cl. 8 of IS 369: 2019
437.	Household Electric Direct-Acting Room Heaters	Temperature rises of surfaces surrounding the heater	Cl. 9 of IS 369: 2019
438.	Household Electric Direct-Acting Room Heaters	Warming-up time of the heater (for all heaters)	Cl. 10 of IS 369: 2019
439.	Household Electric Direct-Acting Room Heaters	Stability of room temperature (for heaters with an ambient temperature thermostat)	Cl. 11 of IS 369: 2019
440.	Household Electric Direct-Acting Room Heaters	Set-back	Cl. 12 of IS 369: 2019
441.	Household Electric Direct-Acting Room Heaters	Frost protection temperature	Cl. 13 of IS 369: 2019
442.	Household Electric Direct-Acting Room Heaters	Inrush current (for all heaters)	Cl. 14 of IS 369: 2019
443.	Household Electric Direct-Acting Room Heaters	Effect of radiant heat (for all heaters except fan heaters and heaters for mounting at a height above 1.8 m)	Cl. 15 of IS 369: 2019
444.	Household Electric Direct-Acting Room Heaters	Measurement of the usable power (for all heaters)	Cl. 16 of IS 369: 2019
445.	Household Electric Direct-Acting Room Heaters	Marking	Cl. 17 of IS 369: 2019

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
446.	Household And Similar Electrical Appliances- Electric Instantaneous Water Heaters	Classification	Cl. 6 of IS 302 : Part 2 : Sec 35 : 2017/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020), Cl. 7 of IS 8978: 1992
447.	Household And Similar Electrical Appliances- Electric Instantaneous Water Heaters	Marking & Instructions	Cl. 7, of IS 302: PART 2: SEC 35: 2017, Cl. 8 of IS 8978:1992 and Cl. 7 of IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020), Cl. 7 of IS 8978: 1992
448.	Household And Similar Electrical Appliances- Electric Instantaneous Water Heaters	Protection against access to live parts	Cl. 8 of IS 302 : Part 2 : Sec 35 : 2017/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
449.	Household And Similar Electrical Appliances- Electric Instantaneous Water Heaters	Power Input and current	Cl. 10 of IS 302 : Part 2 : Sec 35 : 2017/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
450.	Household And Similar Electrical Appliances- Electric Instantaneous Water Heaters	Heating	Cl. 11 of IS 302 : Part 2 : Sec 35 : 2017/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
451.	Household And Similar Electrical Appliances - Electric Instantaneous Water Heaters	Leakage current and electric strength at operating temperature	Cl. 13 of IS 302 : Part 2 : Sec 35 : 2017/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
452.	Household And Similar Electrical Appliances- Electric Instantaneous Water Heaters	Transient over voltage test	Cl. 14 IS 302 : Part 2 : Sec 35 : 2017/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
453.	Household And Similar Electrical Appliances- Electric Instantaneous Water Heaters	Moisture resistance	Cl. 15 of IS 302 : Part 2 : Sec 35 : 2017/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
454.	Household And Similar Electrical Appliances- Electric Instantaneous Water Heaters	Leakage current and electric strength	Cl. 16 of IS 302 : Part 2 : Sec 35 : 2017/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
455.	Household And Similar Electrical Appliances- Electric Instantaneous Water Heaters	Overload protection of Transformers and associated circuits	Cl. 17 of IS 302 : Part 2 : Sec 35 : 2017/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
456.	Household And Similar Electrical Appliances- Electric Instantaneous Water Heaters	Abnormal operation	Cl. 19 of IS 302 : Part 2 : Sec 35 : 2017/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
457.	Household And Similar Electrical Appliances- Electric Instantaneous Water Heaters	Stability and mechanical hazards	Cl. 20 of IS 302 : Part 2 : Sec 35 : 2017/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
458.	Household And Similar Electrical Appliances - Electric Instantaneous Water Heaters	Mechanical strength	Cl. 21 of IS 302 : Part 2 : Sec 35 : 2017/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
459.	Household And Similar Electrical Appliances - Electric Instantaneous Water Heaters	Construction	Cl. 22 of IS 302 : Part 2 : Sec 35 : 2017/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
460.	Household And Similar Electrical Appliances- Electric Instantaneous Water Heaters	Internal wiring	Cl. 23 of IS 302 : Part 2 : Sec 35 : 2017/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
461.	Household And Similar Electrical Appliances- Electric Instantaneous Water Heaters	Components	Cl. 24 of IS 302 : Part 2 : Sec 35 : 2017/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
462.	Household And Similar Electrical Appliances- Electric Instantaneous Water Heaters	Supply connection & external flexible cord	Cl. 25 of IS 302 : Part 2 : Sec 35 : 2017/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
463.	Household And Similar Electrical Appliances- Electric Instantaneous Water Heaters	Terminals for external conductors	Cl. 26 of IS 302 : Part 2 : Sec 35 : 2017/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
464.	Household And Similar Electrical Appliances - Electric Instantaneous Water Heaters	Provision for Earthing	Cl. 27 of IS 302 : Part 2 : Sec 35 : 2017/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
465.	Household And Similar Electrical Appliances - Electric Instantaneous Water Heaters	Screws and connections	Cl. 28 of IS 302 : Part 2 : Sec 35 : 2017/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
466.	Household And Similar Electrical Appliances- Electric Instantaneous Water Heaters	learances, Creepage distances and solid insulation	Cl. 29 of IS 302 : Part 2 : Sec 35 : 2017/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
467.	Household And Similar Electrical Appliances- Electric Instantaneous Water Heaters	Resistance to heat and fire	Cl. 30 of IS 302 : Part 2 : Sec 35 : 2017/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
468.	Household And Similar Electrical Appliances - Electric Instantaneous Water Heaters	Resistance to rusting	Cl. 31 of IS 302 : Part 2 : Sec 35 : 2017/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
469.	Electric Instantaneous Water Heaters	Finish	Cl. 10 of IS 8978: 1992
470.	Electric Instantaneous Water Heaters	Operation of flow switch	Cl. 11 of IS 8978: 1992
471.	Electric Instantaneous Water Heaters	Endurance	Cl. 12 of IS 8978: 1992
472.	Household And Similar Electrical Appliances- Electric Immersion Water Heaters	Classification	Cl. 6 of IS 302 : Part 2 : Sec 201 : 2008/ IS 368 : 2014/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
473.	Household And Similar Electrical Appliances- Electric Immersion Water Heaters	Marking & Instructions	Cl. 7 of IS 302 : Part 2 : Sec 201 : 2008/ IS 368 : 2014/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
474.	Household And Similar Electrical Appliances- Electric Immersion Water Heaters	Protection against access to live parts	Cl. 8 of IS 302 : Part 2 : Sec 201 : 2008/ IS 368 : 2014/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
475.	Household And Similar Electrical Appliances- Electric Immersion Water Heaters	Power Input and current	Cl. 10 of IS 302 : Part 2 : Sec 201 : 2008/ IS 368 : 2014/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
476.	Household And Similar Electrical Appliances- Electric Immersion Water Heaters	Heating	Cl. 11 of IS 302 : Part 2 : Sec 201 : 2008/ IS 368 : 2014/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
477.	Household And Similar Electrical Appliances- Electric Immersion Water Heaters	Leakage current and electric strength at operating temperature	Cl. 13 of IS 302 : Part 2 : Sec 201 : 2008/ IS 368 : 2014/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
478.	Household And Similar Electrical Appliances- Electric Immersion Water Heaters	Transient over voltage test	Cl. 14 of IS 302 : Part 2 : Sec 201 : 2008/ IS 368 : 2014/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
479.	Household And Similar Electrical Appliances- Electric Immersion Water Heaters	Moisture resistance	Cl. 15 of IS 302 : Part 2 : Sec 201 : 2008/ IS 368 : 2014/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
480.	Household And Similar Electrical Appliances- Electric Immersion Water Heaters	Leakage current and electric strength	Cl. 16 of IS 302 : Part 2 : Sec 201 : 2008/ IS 368 : 2014/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
481.	Household And Similar Electrical Appliances- Electric Immersion Water Heaters	Overload protection of Transformers and associated circuits	Cl. 17 of IS 302 : Part 2 : Sec 201 : 2008/ IS 368 : 2014/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
482.	Household And Similar Electrical Appliances- Electric Immersion Water Heaters	Abnormal operation	Cl. 19 of IS 302 : Part 2 : Sec 201 : 2008/ IS 368 : 2014/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
483.	Household And Similar Electrical Appliances- Electric Immersion Water Heaters	Stability and mechanical hazards	Cl. 20 of IS 302 : Part 2 : Sec 201 : 2008/ IS 368 : 2014/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
484.	Household And Similar Electrical Appliances- Electric Immersion Water Heaters	Mechanical strength	Cl. 21 of IS 302 : Part 2 : Sec 201 : 2008/ IS 368 : 2014/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
485.	Household And Similar Electrical Appliances- Electric Immersion Water Heaters	Construction	Cl. 22 of IS 302 : Part 2 : Sec 201 : 2008/ IS 368 : 2014/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
486.	Household And Similar Electrical Appliances- Electric Immersion Water Heaters	Internal wiring	Cl. 23 of IS 302 : Part 2 : Sec 201 : 2008/ IS 368 : 2014/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
487.	Household And Similar Electrical Appliances- Electric Immersion Water Heaters	Components	Cl. 24 of IS 302 : Part 2 : Sec 201 : 2008/ IS 368 : 2014/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
488.	Household And Similar Electrical Appliances- Electric Immersion Water Heaters	Supply connection & external flexible cords	Cl. 25 of IS 302 : Part 2 : Sec 201 : 2008/ IS 368 : 2014/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
489.	Household And Similar Electrical Appliances- Electric Immersion Water Heaters	Terminals for external conductors	Cl. 26 of IS 302 : Part 2 : Sec 201 : 2008/ IS 368 : 2014/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
490.	Household And Similar Electrical Appliances- Electric Immersion Water Heaters	Provision for Earthing	Cl. 27 of IS 302 : Part 2 : Sec 201 : 2008/ IS 368 : 2014/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
491.	Household And Similar Electrical Appliances- Electric Immersion Water Heaters	Screws and connections	Cl. 28 of IS 302 : Part 2 : Sec 201 : 2008/ IS 368 : 2014/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
492.	Household And Similar Electrical Appliances- Electric Immersion Water Heaters	Clearances, Creepage distances and solid insulations	Cl. 29 of IS 302 : Part 2 : Sec 201 : 2008/ IS 368 : 2014/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
493.	Household And Similar Electrical Appliances- Electric Immersion Water Heaters	Resistance to heat, fire and tracking	Cl. 30 of IS 302 : Part 2 : Sec 201 : 2008/ IS 368 : 2014/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
494.	Household And Similar Electrical Appliances- Electric Immersion Water Heaters	Resistance to rusting	Cl. 31 of IS 302 : Part 2 : Sec 201 : 2008/ IS 368 : 2014/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
495.	Electric Immersion Water Heaters	Operation under overload conditions of appliances with heating elements	Cl. 12 of IS 368: 2014
496.	Electric Immersion Water Heaters	Endurance	Cl. 18 of IS 368: 2014
497.	Mineral Filled Sheathed Heating Elements	Classification	Cl. 6 of IS 4159 : 2021/ IS 368 : 2014/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
498.	Mineral Filled Sheathed Heating Elements	Marking & Instructions	Cl. 7 of IS 4159 : 2021/ IS 368 : 2014/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
499.	Mineral Filled Sheathed Heating Elements	Protection against access to live parts	Cl. 8 of IS 4159 : 2021/ IS 368 : 2014/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
500.	Mineral Filled Sheathed Heating Elements	Power Input and current	Cl. 10 of IS 4159 : 2021/ IS 368 : 2014/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
501.	Mineral Filled Sheathed Heating Elements	Heating	Cl. 11 of IS 4159 : 2021/ IS 368 : 2014/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
502.	Mineral Filled Sheathed Heating Elements	Leakage current and electric strength at operating temperature	Cl. 13 of IS 4159 : 2021/ IS 368 : 2014/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
503.	Mineral Filled Sheathed Heating Elements	Transient over voltage test	Cl. 14 of IS 4159 : 2021/ IS 368 : 2014/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
504.	Mineral Filled Sheathed Heating Elements	Moisture resistance	Cl. 15 of IS 4159 : 2021/ IS 368 : 2014/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
505.	Mineral Filled Sheathed Heating Elements	Leakage current and electric strength	Cl. 16 of IS 4159 : 2021/ IS 368 : 2014/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
506.	Mineral Filled Sheathed Heating Elements	Endurance	Cl. 18 of IS 4159 : 2021/ IS 368 : 2014/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
507.	Mineral Filled Sheathed Heating Elements	Abnormal operation	Cl. 19 of IS 4159 : 2021/ IS 368 : 2014/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
508.	Mineral Filled Sheathed Heating Elements	Stability and mechanical hazards	Cl. 20 of IS 4159 : 2021/ IS 368 : 2014/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
509.	Mineral Filled Sheathed Heating Elements	Mechanical strength	Cl. 21 of IS 4159 : 2021/ IS 368 : 2014/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
510.	Mineral Filled Sheathed Heating Elements	Construction	Cl. 22 of IS 4159 : 2021/ IS 368 : 2014/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
511.	Mineral Filled Sheathed Heating Elements	Internal wiring	Cl. 23 of IS 4159 : 2021/ IS 368 : 2014/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
512.	Mineral Filled Sheathed Heating Elements	Components	Cl. 24 of IS 4159 : 2021/ IS 368 : 2014/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
513.	Mineral Filled Sheathed Heating Elements	Supply connection & external flexible cables & cords	Cl. 25 of IS 4159 : 2021/ IS 368 : 2014/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
514.	Mineral Filled Sheathed Heating Elements	Terminals for external conductors	Cl. 26 of IS 4159 : 2021/ IS 368 : 2014/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
515.	Mineral Filled Sheathed Heating Elements	Provision for Earthing	Cl. 27 of IS 4159 : 2021/ IS 368 : 2014/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
516.	Mineral Filled Sheathed Heating Elements	Screws and connections	Cl. 28 of IS 4159 : 2021/ IS 368 : 2014/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
517.	Mineral Filled Sheathed Heating Elements	Clearances, Creepage distances and solid insulation	Cl. 29 of IS 4159 : 2021/ IS 368 : 2014/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
518.	Mineral Filled Sheathed Heating Elements	Resistance to heat and fire	Cl. 30 of IS 4159 : 2021/ IS 368 : 2014/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
519.	Mineral Filled Sheathed Heating Elements	Resistance to rusting	Cl. 31 of IS 4159 : 2021/ IS 368 : 2014/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
520.	Domestic Electric Food-Mixers (Liquidizers And Grinders)	Classification	Cl. 6 of IS 4159 : 2021/ IS 368 : 2014/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
521.	Domestic Electric Food-Mixers (Liquidizers And Grinders)	Marking & Instructions	Cl. 7 of IS 4250: 1980/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
522.	Domestic Electric Food-Mixers (Liquidizers And Grinders)	Protection against electric shock	Cl. 8 of IS 4250: 1980/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
523.	Domestic Electric Food-Mixers (Liquidizers And Grinders)	Starting of Motor-operated Appliances	Cl. 9 of IS 4250: 1980/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
524.	Domestic Electric Food-Mixers (Liquidizers And Grinders)	Input	Cl. 10 of IS 4250: 1980/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
525.	Domestic Electric Food-Mixers (Liquidizers And Grinders)	Temperature rise	Cl. 11 of IS 4250: 1980/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
526.	Domestic Electric Food-Mixers (Liquidizers And Grinders)	Electrical insulation and leakage current at operating temperature	Cl. 13 of IS 4250: 1980/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
527.	Domestic Electric Food-Mixers (Liquidizers And Grinders)	Radio and television interference suppression	Cl. 14 of IS 4250: 1980/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
528.	Domestic Electric Food-Mixers (Liquidizers And Grinders)	Moisture resistance	Cl. 15 of IS 4250: 1980/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
529.	Domestic Electric Food-Mixers (Liquidizers And Grinders)	Insulation resistance and electric strength	Cl. 16 of IS 4250: 1980/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
530.	Domestic Electric Food-Mixers (Liquidizers And Grinders)	Endurance	Cl. 18 of IS 4250: 1980/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
531.	Domestic Electric Food-Mixers (Liquidizers And Grinders)	Abnormal operation	Cl. 19 of IS 4250: 1980/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
532.	Domestic Electric Food-Mixers (Liquidizers And Grinders)	Stability and mechanical hazards	Cl. 20 of IS 4250: 1980/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
533.	Domestic Electric Food-Mixers (Liquidizers And Grinders)	Mechanical strength	Cl. 21 of IS 4250: 1980/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
534.	Domestic Electric Food-Mixers (Liquidizers And Grinders)	Construction	Cl. 22 of IS 4250: 1980/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
535.	Domestic Electric Food-Mixers (Liquidizers And Grinders)	Internal wiring	Cl. 23 of IS 4250: 1980/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
536.	Domestic Electric Food-Mixers (Liquidizers And Grinders)	Components	Cl. 24 of IS 4250: 1980/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
537.	Domestic Electric Food-Mixers (Liquidizers And Grinders)	Supply connection & external flexible cables & cords	Cl. 25 of IS 4250: 1980/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
538.	Domestic Electric Food-Mixers (Liquidizers And Grinders)	Terminals for external conductors	Cl. 26 of IS 4250: 1980/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
539.	Domestic Electric Food-Mixers (Liquidizers And Grinders)	Provision for Earthing	Cl. 27 of IS 4250: 1980/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
540.	Domestic Electric Food-Mixers (Liquidizers And Grinders)	Screws and connections	Cl. 28 of IS 4250: 1980/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
541.	Domestic Electric Food-Mixers (Liquidizers And Grinders)	Clearances, Creepage distances and solid insulations	Cl. 29 of IS 4250: 1980/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
542.	Domestic Electric Food-Mixers (Liquidizers And Grinders)	Resistance to heat, fire and tracking	Cl. 30 of IS 4250: 1980/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
543.	Domestic Electric Food-Mixers (Liquidizers And Grinders)	Resistance to rusting	Cl. 31 of IS 4250: 1980/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
544.	Domestic Electric Food-Mixers (Liquidizers And Grinders)	Finish	Cl. 33 of IS 4250: 1980
545.	Domestic Electric Food-Mixers (Liquidizers And Grinders)	Operational Tests	Cl. 34 of IS 4250 :1980
546.	Domestic Electric Food-Mixers (Liquidizers And Grinders)	Temperature Withstand test for Bowl	Cl. 35 of IS 4250 :1980
547.	Domestic Electric Food-Mixers (Liquidizers And Grinders)	Test for Controls	Cl. 36 of IS 4250 :1980
548.	Domestic Electric Food-Mixers (Liquidizers And Grinders)	Strength of Assembly	Cl. 37 of IS 4250 :1980
549.	Household And Similar Electrical Appliances- Frying Pans, Deep Fat Fryers And Similar Appliances	Classification	Cl. 6 of IS 302: PART 2: SEC 13: 1994/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
550.	Household And Similar Electrical Appliances- Frying Pans, Deep Fat Fryers And Similar Appliances	Marking & Instructions	Cl. 7 of IS 302: PART 2: SEC 13: 1994/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
551.	Household And Similar Electrical Appliances	Protection against access to live parts	Cl. 8 of IS 302: PART 2: SEC 13: 1994/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)

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Electrical Testing			
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	Domestic Electrical Appliances		
	- Frying Pans, Deep Fat Fryers And Similar Appliances		
552.	Household And Similar Electrical Appliances- Frying Pans, Deep Fat Fryers And Similar Appliances	Input and current	Cl. 10 of IS 302: PART 2: SEC 13: 1994/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
553.	Household And Similar Electrical Appliances- Frying Pans, Deep Fat Fryers And Similar Appliances	Temperature rise	Cl. 11 of IS 302: PART 2: SEC 13: 1994/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
554.	Household And Similar Electrical Appliances - Frying Pans, Deep Fat Fryers And Similar Appliances	Operation under overload conditions of appliances with heating elements	Cl. 12 of IS 302: PART 2: SEC 13: 1994/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
555.	Household And Similar Electrical Appliances- Frying Pans, Deep Fat Fryers And Similar Appliances	Electrical insulation and leakage current at operating temperature	Cl. 13 of IS 302: PART 2: SEC 13: 1994/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
556.	Household And Similar Electrical Appliances- Frying Pans, Deep Fat Fryers And Similar Appliances	Radio and television interference suppression	Cl. 14 of IS 302: PART 2: SEC 13: 1994/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
557.	Household And Similar Electrical Appliances- Frying Pans, Deep Fat Fryers And Similar Appliances	Moisture resistance	Cl. 15 of IS 302: PART 2: SEC 13: 1994/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
558.	Household And Similar Electrical Appliances - Frying Pans, Deep Fat Fryers And Similar Appliances	Insulation resistance and electrical strength (after flexibility treatment)	Cl. 16 of IS 302: PART 2: SEC 13: 1994/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
559.	Household And Similar Electrical Appliances- Frying Pans, Deep Fat Fryers And Similar Appliances	Overload protection	Cl. 17 of IS 302: PART 2: SEC 13: 1994/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
560.	Household And Similar Electrical Appliances- Frying Pans, Deep Fat Fryers And Similar Appliances	Abnormal operation	Cl. 19 of IS 302: PART 2: SEC 13: 1994/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
561.	Household And Similar Electrical Appliances- Frying Pans, Deep Fat Fryers And Similar Appliances	Stability and mechanical hazards	Cl. 20 of IS 302: PART 2: SEC 13: 1994/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
562.	Household And Similar Electrical Appliances- Frying Pans, Deep Fat Fryers And Similar Appliances	Mechanical strength	Cl. 21 of IS 302: PART 2: SEC 13: 1994/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
563.	Household And Similar Electrical Appliances- Frying Pans, Deep Fat Fryers And Similar Appliances	Construction	Cl. 22 of IS 302: PART 2: SEC 13: 1994/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
564.	Household And Similar Electrical Appliances- Frying Pans, Deep Fat Fryers And Similar Appliances	Internal wiring	Cl. 23 of IS 302: PART 2: SEC 13: 1994/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
565.	Household And Similar Electrical Appliances- Frying Pans, Deep Fat Fryers And Similar Appliances	Components	Cl. 24 of IS 302: PART 2: SEC 13: 1994/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
566.	Household And Similar Electrical Appliances- Frying Pans, Deep Fat Fryers And Similar Appliances	Supply connection & external flexible cables & cords	Cl. 25 of IS 302: PART 2: SEC 13: 1994/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
567.	Household And Similar Electrical Appliances- Frying Pans, Deep Fat Fryers And Similar Appliances	Terminals for external conductors	Cl. 26 of IS 302: PART 2: SEC 13: 1994/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
568.	Household And Similar Electrical Appliances- Frying Pans, Deep Fat Fryers And Similar Appliances	Provision for Earthing	Cl. 27 of IS 302: PART 2: SEC 13: 1994/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
569.	Household And Similar Electrical Appliances- Frying Pans, Deep Fat Fryers And Similar Appliances	Screws and connections	Cl. 28 of IS 302: PART 2: SEC 13: 1994/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
570.	Household And Similar Electrical Appliances- Frying Pans, Deep Fat Fryers And Similar Appliances	Clearances, Creepage distances and solid insulations	Cl. 29 of IS 302: PART 2: SEC 13: 1994/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
571.	Household And Similar Electrical Appliances- Frying Pans, Deep Fat Fryers And Similar Appliances	Resistance to heat and tracking	Cl. 30 of IS 302: PART 2: SEC 13: 1994/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
572.	Household And Similar Electrical Appliances- Frying Pans, Deep Fat Fryers And Similar Appliances	Resistance to rusting	Cl. 31 of IS 302: PART 2: SEC 13: 1994/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
573.	Household And Similar Electrical Appliances- Appliances For Skin Or Hair Care	Classification	Cl. 6 of IS 302 : Part 2 : Sec 23 : 2009/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
574.	Household And Similar Electrical Appliances - Appliances For Skin Or Hair Care	Marking & Instructions	Cl. 7 of IS 302 : Part 2 : Sec 23 : 2009/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
575.	Household And Similar Electrical Appliances- Appliances For Skin Or Hair Care	Protection against access to live parts	Cl. 8 of IS 302 : Part 2 : Sec 23 : 2009/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
576.	Household And Similar Electrical Appliances- Appliances For Skin Or Hair Care	Power Input and current	Cl. 10 of IS 302 : Part 2 : Sec 23 : 2009/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
577.	Household And Similar Electrical Appliances- Appliances For Skin Or Hair Care	Heating	Cl. 11 of IS 302 : Part 2 : Sec 23 : 2009/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
578.	Household And Similar Electrical Appliances- Appliances For Skin Or Hair Care	Leakage current and electric strength at operating temperature	Cl. 13 of IS 302 : Part 2 : Sec 23 : 2009/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
579.	Household And Similar Electrical Appliances- Appliances For Skin Or Hair Care	Transient over voltage test	Cl. 14 of IS 302 : Part 2 : Sec 23 : 2009/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
580.	Household And Similar Electrical Appliances- Appliances For Skin Or Hair Care	Moisture resistance	Cl. 15 of IS 302 : Part 2 : Sec 23 : 2009/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
581.	Household And Similar Electrical Appliances- Appliances For Skin Or Hair Care	Leakage current and electric strength	Cl. 16 of IS 302 : Part 2 : Sec 23 : 2009/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
582.	Household And Similar Electrical Appliances- Appliances For Skin Or Hair Care	Overload protection of Transformers and associated circuits	Cl. 17 of IS 302 : Part 2 : Sec 23 : 2009/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
583.	Household And Similar Electrical Appliances- Appliances For Skin Or Hair Care	Abnormal operation	Cl. 19 of IS 302 : Part 2 : Sec 23 : 2009/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
584.	Household And Similar Electrical Appliances- Appliances For Skin Or Hair Care	Stability and mechanical hazards	Cl. 20 of IS 302 : Part 2 : Sec 23 : 2009/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
585.	Household And Similar Electrical Appliances- Appliances For Skin Or Hair Care	Mechanical strength	Cl. 21 of IS 302 : Part 2 : Sec 23 : 2009/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
586.	Household And Similar Electrical Appliances- Appliances For Skin Or Hair Care	Construction	Cl. 22 of IS 302 : Part 2 : Sec 23 : 2009/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
587.	Household And Similar Electrical Appliances- Appliances For Skin Or Hair Care	Internal wiring	Cl. 23 of IS 302 : Part 2 : Sec 23 : 2009/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
588.	Household And Similar Electrical Appliances- Appliances For Skin Or Hair Care	Components	Cl. 24 of IS 302 : Part 2 : Sec 23 : 2009/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
589.	Household And Similar Electrical Appliances- Appliances For Skin Or Hair Care	Supply connection & external flexible cords	Cl. 25 of IS 302 : Part 2 : Sec 23 : 2009/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
590.	Household And Similar Electrical Appliances- Appliances For Skin Or Hair Care	Terminals for external conductors	Cl. 26 of IS 302 : Part 2 : Sec 23 : 2009/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
591.	Household And Similar Electrical Appliances- Appliances For Skin Or Hair Care	Provision for Earthing	Cl. 27 of IS 302 : Part 2 : Sec 23 : 2009/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
592.	Household And Similar Electrical Appliances- Appliances For Skin Or Hair Care	Screws and connections	Cl. 28 of IS 302 : Part 2 : Sec 23 : 2009/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
593.	Household And Similar Electrical Appliances- Appliances For Skin Or Hair Care	Clearances, Creepage distances and solid insulation	Cl. 29 of IS 302 : Part 2 : Sec 23 : 2009/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
594.	Household And Similar Electrical Appliances- Appliances For Skin Or Hair Care	Resistance to heat and fire	Cl. 30 of IS 302 : Part 2 : Sec 23 : 2009/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)
595.	Household And Similar Electrical Appliances - Appliances For Skin Or Hair Care	Resistance to rusting	Cl. 31 of IS 302 : Part 2 : Sec 23 : 2009/ IS 302-1: 2008/ IS 302 : Part 1 : 2024 (IEC 60335-1 : 2020)

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Wiring Accessories		
1.	Plugs and Socket-Outlets	Rating	Cl. 6, 6.1,6.2 of IS 1293:2019
2.	Plugs and Socket-Outlets	Classifications	Cl. 7, 7.1, 7.1.1, 7.1.2, 7.1.3, 7.1.4, 7.1.5, 7.2, 7.2.1, 7.2.2, 7.2.3, 7.2.4, 7.3 of IS 1293: 2019
3.	Plugs and Socket-Outlets	Marking	Cl.8, 8.1, 8.2, 8.3, 8.4, 8.5, 8.6, 8.7, 8.8, 8.9, 8.9.1 of IS 1293:2019
4.	Plugs and Socket-Outlets	Checking of Dimensions	Cl. 9, 9.1, 9.2 of IS 1293:2019
5.	Plugs and Socket-Outlets	Protection against electric shock	Cl. 10, 10.1, 10.2, 10.2.1, 10.2.2, 10.3, 10.4, 10.5, 10.6, 10.7 of IS 1293:2019
6.	Plugs and Socket-Outlets	Provisions for Earthing	Cl. 11, 11.1, 11.2, 11.3, 11.4, 11.5, 11.6, of IS 1293:2019
7.	Plugs and Socket-Outlets	Terminals	Cl. 12, 12.1, 12.1.1, 12.1.2, 12.1.3, 12.2, 12.2.1, 12.2.2, 12.2.3, 12.2.4, 12.2.5, 12.2.6, 12.2.7, 12.2.8, 12.2.9, 12.2.10, 12.2.11, 12.3, 12.3.1, 12.3.2, 12.3.3, 12.3.4, 12.3.5, 12.3.6, 12.3.7, 12.3.8, 12.3.9, 12.3.10, 12.3.11, 12.3.12 of IS 1293:2019

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Wiring Accessories		
8.	Plugs and Socket-Outlets	Constructions of fixed socket outlets	Cl. 13, 13.1, 13.2, 13.3, 13.4, 13.5, 13.6, 13.7, 13.7.1, 13.7.2, 13.7.3, 13.8, 13.9, 13.10, 13.11, 13.12, 13.13, 13.14, 13.15, 13.16, 13.17, 13.18, 13.19, 13.20, 13.21, 13.22, 13.23 of IS 1293:2019
9.	Plugs and Socket-Outlets	Construction of plugs and portable socket-outlet	Cl. 14, 14.1, 14.2, 14.3, 14.4, 14.5, 14.6, 14.7, 14.8, 14.9, 14.10, 14.10.1, 14.10.2, 14.10.3, 14.11, 14.12, 14.13, 14.14, 14.15, 14.16, 14.17, 14.18, 14.19, 14.20, 14.21, 14.22, 14.23, 14.23.1, 14.23.2, 14.24, 14.25, 14.26 of IS 1293:2019
10.	Plugs and Socket-Outlets	Interlocked socket outlet	Cl. 15 of IS 1293:2019
11.	Plugs and Socket-Outlets	Resistance to ageing, to harmful ingress of water and to humidity	Cl. 16, 16.1, 16.2.2, 16.3 of IS 1293:2019
12.	Plugs and Socket-Outlets	Insulation resistance and electric strength	Cl. 17, 17.1, 17.1.1, 17.1.2, 17.2, 17.3 of IS 1293:2019
13.	Plugs and Socket-Outlets	Operation of Earthing Contacts	Cl. 18 of IS 1293:2019

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Wiring Accessories		
14.	Plugs and Socket-Outlets	Temperature Rise	Cl. 19, 19.1,19.2,19.3, of IS 1293:2019
15.	Plugs and Socket-Outlets	Breaking capacity	Cl. 20 of IS 1293:2019
16.	Plugs and Socket-Outlets	Normal Operation	Cl. 21, 21.1 of IS 1293:2019
17.	Plugs and Socket-Outlets	Force Necessary to withdraw the plug	Cl. 22, 22.1, 22.1.1, 22.1.2, 22.2 of IS 1293:2019
18.	Plugs and Socket-Outlets	Flexible cables and their connection	Cl. 23, 23.1, 23.2, 23.3, 23.4, of IS 1293:2019
19.	Plugs and Socket-Outlets	Mechanical Strength	Cl. 24, 24.1, 24.2, 24.3, 24.4, 24.5, 24.6, 24.7, 24.8, 24.9, 24.10, 24.11, 24.12, 24.13, 24.14, 24.14.1, 24.14.2, 24.14.3, 24.15, 24.16, 24.17, 24.18, 24.19, of IS 1293:2019
20.	Plugs and Socket-Outlets	Resistance to Heat	Cl. 25, 25.1, 25.2, 25.3, 25.4 of IS 1293:2019
21.	Plugs and Socket-Outlets	Screw, current carrying parts and connections	Cl. 26, 26.1, 26.2, 26.3, 26.4, 26.5, 26.6, 26.7 of IS 1293:2019

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Wiring Accessories		
22.	Plugs and Socket-Outlets	Creepage distances, clearances and distance through sealing compound	Cl. 27, 27.1, 27.2, 27.3 of IS 1293:2019
23.	Plugs and Socket-Outlets	Resistance of insulation material to abnormal heat, to fire and to tracking	Cl. 28, 28.1, 28.1.1, 28.1.2, 28.2 of IS 1293:2019
24.	Plugs and Socket-Outlets	Resistance to rusting	Cl. 29 of IS 1293:2019
25.	Plugs and Socket-Outlets	Additional Tests on pins provided with insulating sleeves	Cl. 30, 30.1, 30.2, 30.3, 30.4 of IS 1293:2019
26.	Boxes and enclosures for electrical accessories	Rating	Cl. 6, 6.1, 6.2 of IS 14772:2020
27.	Boxes and enclosures for electrical accessories	Classification	Cl. 7, 7.1, 7.2, 7.3, 7.4, 7.5, 7.6, 7.7, 7.8, 7.9, 7.10 of IS 14772:2020
28.	Boxes and enclosures for electrical accessories	Markings	Cl. 8, 8.1, 8.2, 8.3 of IS 14772:2020
29.	Boxes and enclosures for electrical accessories	Checking of dimensions	Cl. 9, 9.1, 9.2 of IS 14772:2020
30.	Boxes and enclosures for electrical accessories	Protection against electric shock	Cl. 10, 10.1, 10.2, 10.3, 10.4, 10.5, 10.6, 10.7, 10.8 of IS 14772:2020

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Wiring Accessories		
31.	Boxes and enclosures for electrical accessories	Provision for earthing	Cl. 11, 11.1, 11.2, 11.3, 11.4 of IS 14772:2020
32.	Boxes and enclosures for electrical accessories	Constructions	Cl. 12, 12.1, 12.2, 12.2.1, 12.2.2, 12.2.3, 12.2.3.1, 12.2.3.2, 12.2.3.3, 12.2.3.4, 12.2.3.5, 12.2.4, 12.3, 12.4, 12.5, 12.6, 12.7, 12.8, 12.9, 12.9.1, 12.9.2, 12.9.3, 12.9.4, 12.10, 12.11, 12.12, 12.13, 12.13.1, 12.13.2, 12.13.3, 12.13.4, 12.13.5, 12.13.6, 12.14, 12.15, 12.15.1, 12.15.2, 12.15.3, 12.15.4, 12.16 of IS 14772: 2020
33.	Boxes and enclosures for electrical accessories	Resistance to ageing, to humidity conditions, to ingress of solid objects and to harmful ingress of water	Cl. 13, 13.1, 13.1.1, 13.1.2, 13.1.3, 13.3 of IS 14772:2020
34.	Boxes and enclosures for electrical accessories	Insulation resistance and electric strength	Cl. 14, 14.1, 14.2, 14.3 of IS 14772:2020
35.	Boxes and enclosures for electrical accessories	Mechanical strength	Cl. 15, 15.1, 15.2, 15.3, 15.4, 15.5 of IS 14772:2020
36.	Boxes and enclosures for electrical accessories	Resistance to heat	Cl. 16, 16.1, 16.2, 16.3, 16.3.1, 16.3.2 of IS 14772:2020

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Wiring Accessories		
37.	Boxes and enclosures for electrical accessories	Creepage distances, clearances and distances through sealing compound	Cl. 17 of IS 14772:2020
38.	Boxes and enclosures for electrical accessories	Resistance of insulating material to abnormal heat and fire	Cl. 18 of IS 14772:2020
39.	Boxes and enclosures for electrical accessories	Resistance to tracking	Cl. 19 of IS 14772:2020
40.	Boxes and enclosures for electrical accessories	Resistance to corrosion	Cl. 20 of IS 14772:2020
41.	Switch Socket-outlets without interlock	Rating	Cl. 6, 6.101 of IS 15787:2025
42.	Switch Socket-outlets without interlock	Classification	Cl. 7, 7.2, 7.2.101, 7.2.101.1, 7.2.101.2 of IS 15787:2025
43.	Switch Socket-outlets without interlock	Marking	Cl. 8, 8.1, 8.2, 8.101 of IS 15787:2025
44.	Switch Socket-outlets without interlock	Checking Of Dimensions	Cl. 9 of IS 15787:2025
45.	Switch Socket-outlets without interlock	Protection Against electric shock	Cl. 10, 10.101, 10.102, 10.103 of IS 15787:2025

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Alaipuria Test House Private Limited

Plot No. H-11, Durga Industrial Park, Sahibabad,
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QAI/CIA/TL/2024/0063

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Accreditation Standard: ISO/IEC 17025:2017

Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Wiring Accessories		
46.	Switch Socket-outlets without interlock	Provision for earthing	Cl. 11 of IS 15787:2025
47.	Switch Socket-outlets without interlock	Terminal and termination	Cl. 12 of IS 15787:2025
48.	Switch Socket-outlets without interlock	Construction of fixed socket-outlet	Cl. 13, 13.101, 13.102, 13.103, 13.104, 13.105, 13.106, 13.107 of IS 15787:2025
49.	Switch Socket-outlets without interlock	Resistance to ageing, protection provided by enclosures and Resistance to humidity	Cl. 16 of IS 15787:2025
50.	Switch Socket-outlets without interlock	Insulation Resistance and electric strength	Cl. 17, 17.1, 17.1.1 of IS 15787:2025
51.	Switch Socket-outlets without interlock	Operation of the earthing contact	Cl. 18 of IS 15787:2025
52.	Switch Socket-outlets without interlock	Temperature rise	Cl. 19 of IS 15787:2025
53.	Switch Socket-outlets without interlock	Breaking capacity	Cl. 20 of IS 15787:2025
54.	Switch Socket-outlets without interlock	Normal Operation	Cl. 21 of IS 15787:2025

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Wiring Accessories		
55.	Switch Socket-outlets without interlock	Force necessary to withdraw the plug	Cl. 22 of IS 15787:2025
56.	Switch Socket-outlets without interlock	Flexible cables and their connection	Cl. 23 of IS 15787:2025
57.	Switch Socket-outlets without interlock	Mechanical strength	Cl. 24 of IS 15787:2025
58.	Switch Socket-outlets without interlock	Resistance to heat	Cl. 25 of IS 15787:2025
59.	Switch Socket-outlets without interlock)	Screws Current-carrying parts and connection	Cl. 26 of IS 15787:2025
60.	Switch Socket-outlets without interlock)	Creepage distance, clearances and distances through sealing compound	Cl. 27, 27.101 of IS 15787:2025
61.	Switch Socket-outlets without interlock)	Resistance of insulating material to abnormal heat to fire and to tracking	Cl. 28 of IS 15787:2025
62.	Switch Socket-outlets without interlock)	Resistance to Rusting	Cl. 29 of IS 15787:2025
63.	Bayonet Lamp holder	Standard Ratings	Cl. 6, 6.1, 6.2 of IS 1258:2024 & IEC 61184:2017

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Wiring Accessories		
64.	Bayonet Lamp holder	Classification	Cl. 7, 7.1, 7.2, 7.3, 7.4, 7.5, 7.6, of IS 1258:2024 & IEC 61184:2017
65.	Bayonet Lamp holder	Marking	Cl. 8, 8.1, 8.2, 8.3, 8.4, 8.5, 8.6, 8.7, of IS 1258:2024 & IEC 61184:2017
66.	Bayonet Lamp holder	Dimensions	Cl. 9, 9.1, 9.2, 9.3 of IS 1258:2024 & IEC 61184:2017
67.	Bayonet Lamp holder	Protection against electric shock	Cl. 10, 10.1, 10.2, 10.3, 10.4 of IS 1258:2024 & IEC 61184:2017
68.	Bayonet Lamp holder	Terminals	Cl. 11, 11.1, 11.2, 11.3, 11.4, 11.5, of IS 1258:2024 & IEC 61184:2017
69.	Bayonet Lamp holder	Provision for earthing	Cl. 12, 12.1, 12.2, 12.3, 12.4 of IS 1258:2024 & IEC 61184:2017
70.	Bayonet Lamp holder	Construction	Cl. 13, 13.1, 13.2, 13.3, 13.4, 13.5, 13.6, 13.7, 13.8, 13.9, 13.10, 13.11, 13.12, 13.13 of IS 1258:2024 & IEC 61184:2017
71.	Bayonet Lamp holder	Switched lamp holder	Cl. 14, 14.1, 14.2, 14.3, 14.4 of IS 1258:2024 & IEC 61184:2017
72.	Bayonet Lamp holder	Moisture Resistance, Insulation resistance and electrical strength	Cl. 15, 15.1, 15.2, 15.3 of IS 1258:2024 & IEC 61184:2017

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Wiring Accessories		
73.	Bayonet Lamp holder	Mechanical strength	Cl. 16, 16.1, 16.2, 16.3, 16.4, 16.5, 16.6, 16.7, 16.8 of IS 1258:2024 & IEC 61184:2017
74.	Bayonet Lamp holder	Screws, current- carrying part and connection	Cl. 17 of IS 1258:2024 & IEC 61184:2017
75.	Bayonet Lamp holder	Creepage distance and clearances	Cl.18 of IS 1258:2024 & IEC 61184:2017
76.	Bayonet Lamp holder	General resistance to heat	Cl. 19, 19.1, 19.2, 19.3, 19.4, 19.5, 19.6, 19.7 of IS 1258:2024 & IEC 61184:2017
77.	Bayonet Lamp holder	Resistance to heat, fire and tracking	Cl. 20, 20.1, 20.2, 20.3, 20.4, 20.5, of IS 1258:2024 & IEC 61184:2017
78.	Bayonet Lamp holder	Resistance to excessive Residual stresses (season cracking) and to rusting	Cl.21, 21.1, 21.2 of IS 1258:2024 & IEC 61184:2017
79.	Conduit for electrical installations	Verification of Classification Marking, Construction	Cl. 5, Cl. 6, Cl. 8 of IS:9537 (Part-1) 1980 RA:1995
80.	Conduit for electrical installations	Checking of Dimensions	Cl. 7 of IS:9537(Part-1) 1980 RA:1995
81.	Conduit for electrical installations	Bending	Cl. 9.2 of IS:9537(Part-1) 1980 RA:1995

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Wiring Accessories		
82.	Conduit for electrical installations	Compression Test	Cl. 9.3 of IS:9537(Part-1) 1980 RA:1995
83.	Conduit for electrical installations	Impact Test	Cl. 9.4 of IS:9537(Part-1) 1980 RA:1995
84.	Conduit for electrical installations	Collapse Test (Restricted for 16mm,20mm & 25mm)	Cl. 9.5 of IS:9537(Part-1) 1980 RA:1995
85.	Conduit for electrical installations	Resistance to heat	Cl. 10 of IS:9537(Part-1) 1980 RA:1995
86.	Conduit for electrical installations	Resistance to burning	Cl. 11 of IS:9537(Part-1) 1980 RA:1995
87.	Conduit for electrical installations	Electrical characteristics (Electrical Strength)	Cl. 12.1.1 of IS:9537(Part-1) 1980 RA:1995
88.	Conduit for electrical installations	Insulation Resistance	Cl.12.1.2 of IS:9537(Part-1) 1980 RA:1995
89.	Rigid Plain conduits of insulating materials	Bending	Cl. 9.2 of IS 9537-(Part-3):1983 RA:2011
90.	Rigid Plain conduits of insulating materials	Checking of Dimensions	Cl.7 of IS 9537 (Part-3):1983 RA:2011

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Wiring Accessories		
91.	Rigid Plain conduits of insulating materials	Collapse Test (Restricted for 16mm,20mm&25mm)	Cl. 9.5 of IS 9537 (Part-3):1983 RA:2011
92.	Rigid Plain conduits of insulating materials	Compression Test	Cl. 9.3 of IS 9537 (Part-3):1983 RA:2011
93.	Rigid Plain conduits of insulating materials	Electrical characteristics (Electrical Strength)	Cl. 12 of IS 9537 (Part-3):1983 RA:2011
94.	Rigid Plain conduits of insulating materials	Impact Test	Cl. 9.4 of IS 9537 (Part-3):1983 RA:2011
95.	Rigid Plain conduits of insulating materials	Insulation Resistance	Cl. 12 of IS 9537 (Part-3):1983 RA:2011
96.	Rigid Plain conduits of insulating materials	Resistance to burning	Cl. 11 of IS 9537 (Part-3):1983 RA:2011
97.	Rigid Plain conduits of insulating materials	Resistance to heat	Cl. 10 of IS 9537 (Part-3):1983 RA:2011
98.	Rigid Plain conduits of insulating materials	Verification of Classification Marking, Construction	Cl. 5, Cl. 6, Cl. 8 of IS:9537 (Part-3) 1983 RA:2011
99.	fittings for rigid non-metallic conduits	Constructions	Cl. 5, 5.1, 5.1.1, 5.1.2, 5.1.3, 5.1.4, 5.1.5, 5.2, 5.2.1, 5.2.2, 5.3, 5.3.1, 5.3.2, 5.3.3, 5.3.4 of IS 3419: 1988

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Wiring Accessories		
100.	fittings for rigid non-metallic conduits	Dimension	Cl. 6, 6.1, 6.2 of IS 3419: 1988
101.	fittings for rigid non-metallic conduits	Marking	Cl. 7, 7.1, 7.1.1 of IS 3419: 1988
102.	fittings for rigid non-metallic conduits	Visual examination	Cl. 8, 8.1 of IS 3419: 1988
103.	fittings for rigid non-metallic conduits	Checking of dimensions	Cl. 9, 9.1 of IS 3419: 1988
104.	fittings for rigid non-metallic conduits	Resistance to heat	Cl. 10, 10.1, 10.2 of IS 3419: 1988
105.	fittings for rigid non-metallic conduits	Resistance to burning	Cl. 11, 11.1, 11.2, 11.3 of IS 3419: 1988
106.	fittings for rigid non-metallic conduits	Moisture absorption test	Cl. 12, 12.1, 12.2, 12.3 of IS 3419: 1988
107.	fittings for rigid non-metallic conduits	Resistance to chemical action	Cl. 13, 13.1, 13.2, 13.3 of IS 3419: 1988
108.	fittings for rigid non-metallic conduits	Copper test	Cl. 14, 14.1 of IS 3419: 1988

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Wiring Accessories		
109.	fittings for rigid non-metallic conduits	Resistance to oil	Cl. 15, 15.1, 15.2, 15.3, 15.4 of IS 3419: 1988
110.	fittings for rigid non-metallic conduits	Resistance to impact	Cl. 16, 16.1, 16.2 of IS 3419: 1988
111.	fittings for rigid non-metallic conduits	Electrical characteristics	Cl. 17, 17.1, 17.2, 17.3 of IS 3419: 1988
112.	Switch for Domestic & Similar Purposes	Ratings	Cl. 6, 6.1, 6.2 of IS 3854: 2023
113.	Switch for Domestic & Similar Purposes	Classifications	Cl. 7, 7.1, 7.1.1, 7.1.2, 7.1.3, 7.1.4, 7.1.5, 7.1.6, 7.1.7 of IS 3854: 2023
114.	Switch for Domestic & Similar Purposes	Marking	Cl. 8, 8.1, 8.2, 8.3, 8.4, 8.5, 8.6, 8.7, 8.8, 8.9, 8.10 of IS 3854: 2023
115.	Switch for Domestic & Similar Purposes	Checking of dimensions	Cl. 9 of IS 3854: 2023
116.	Switch for Domestic & Similar Purposes	Protection against electric shock	Cl. 10, 10.1, 10.2, 10.3, 10.3.1, 10.3.2, 10.3.3, 10.4, 10.5, 10.6, 10.7 of IS 3854: 2023
117.	Switch for Domestic & Similar Purposes	Provision for earthing	Cl. 11, 11.1, 11.2, 11.3, 11.4 of IS 3854: 2023

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Wiring Accessories		
118.	Switch for Domestic & Similar Purposes	Terminals	Cl. 12, 12.1, 12.2, 12.2.1, 12.2.2, 12.2.3, 12.2.4, 12.2.5, 12.2.6, 12.2.7, 12.2.8, 12.2.9, 12.2.10, 12.2.11, 12.2.12, 12.3, 12.3.1, 12.3.2, 12.3.3, 12.3.4, 12.3.5, 12.3.6, 12.3.7, 12.3.8, 12.3.9, 12.3.10, 12.3.11, 12.3.12 of IS 3854: 2023
119.	Switch for Domestic & Similar Purposes	Constructional Requirements	Cl. 13, 13.1, 13.2, 13.3, 13.3.1, 13.3.2, 13.3.3, 13.3.4, 13.4, 13.5, 13.6, 13.7, 13.8, 13.10, 13.11, 13.12, 13.13, 13.14, 13.15, 13.15.1, 13.15.2, 13.16 of IS 3854: 2023
120.	Switch for Domestic & Similar Purposes	Mechanism	Cl.14,14.1,14.2,14.3,14.4,14.5,14.6 of IS 3854: 2023
121.	Switch for Domestic & Similar Purposes	Resistance to ageing, to harmful ingress of water and to humidity	Cl. 15, 15.1, 15.2, 15.2.1, 15.2.2, 15.2.2.1, 15.2.2.2, 15.2.2.3, 15.2.3, 15.3 of IS 3854: 2023
122.	Switch for Domestic & Similar Purposes	Insulation resistance and electric strength	Cl. 16, 16.1, 16.2, 16.3 of IS 3854: 2023
123.	Switch for Domestic & Similar Purposes	Temperature Rise	Cl. 17, 17.1, 17.2 of IS 3854: 2023
124.	Switch for Domestic & Similar Purposes	Making and Breaking Capacity	Cl. 18, 18.1, 18.2, 18.3 of IS 3854: 2023

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Wiring Accessories		
125.	Switch for Domestic & Similar Purposes	Normal Operation	Cl. 19, 19.1, 19.2, 19.3 of IS 3854: 2023
126.	Switch for Domestic & Similar Purposes	Mechanical Strength	Cl. 20, 20.1, 20.2, 20.3, 20.4, 20.5, 20.5.1, 20.5.2, 20.5.3, 20.6, 20.7, 20.8, 20.9, 20.10 of IS 3854: 2023
127.	Switch for Domestic & Similar Purposes	Resistance to heat	Cl. 21, 21.1, 21.2, 21.3, 21.4 of IS 3854: 2023
128.	Switch for Domestic & Similar Purposes	Screw current-carrying part and connection	Cl. 22, 22.1, 22.2, 22.3, 22.4, 22.5, 22.6, 22.7 of IS 3854: 2023
129.	Switch for Domestic & Similar Purposes	Creepage distance and clearances and through sealing compound	Cl. 23, 23.1, 23.2 of IS 3854: 2023
130.	Switch for Domestic & Similar Purposes	Resistance of insulating material to abnormal heat, to Fire and to tracking	Cl. 24, 24.1, 24.2 of IS 3854: 2023
131.	Switch for Domestic & Similar Purposes	Resistance to rusting	Cl. 25 of IS 3854: 2023
132.	Cable Trunking Systems and Cable Ducting Systems for Electrical Installations – General Requirements	Classification	Cl.6,6.1,6.2,6.3,6.4,6.5,6.6,6.7,6.7.2, 6.9 of IS 14927 (Part 1):2023, IEC 61084-1:2017

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Wiring Accessories		
133.	Cable Trunking Systems and Cable Ducting Systems for Electrical Installations – General Requirements	Marking and Documentation	Cl. 7,7.1,7.2,7.3,7.4 of IS 14927 (Part 1):2023, IEC 61084-1:2017
134.	Cable Trunking Systems and Cable Ducting Systems for Electrical Installations – General Requirements	Dimensions	Cl. 8 of IS 14927 (Part 1):2023, IEC 61084-1:2017
135.	Cable Trunking Systems and Cable Ducting Systems for Electrical Installations – General Requirements	Construction	Cl.9 of IS 14927 (Part 1):2023, IEC 61084-1:2017
136.	Cable Trunking Systems and Cable Ducting Systems for Electrical Installations – General Requirements	Sharp edges	Cl. 9.1 of IS 14927 (Part 1):2023, IEC 61084-1:2017
137.	Cable Trunking Systems and Cable Ducting Systems for Electrical Installations – General Requirements	Apparatus Mounting	Cl. 9.2 of IS 14927 (Part 1):2023, IEC 61084-1:2017
138.	Cable Trunking Systems and Cable Ducting Systems for Electrical Installations – General Requirements	Means for protective separation and/ or retention	Cl. 9.3 of IS 14927 (Part 1):2023, IEC 61084-1:2017

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Wiring Accessories		
139.	Cable Trunking Systems and Cable Ducting Systems for Electrical Installations – General Requirements	Mechanical Connections	Cl. 9.4,9.4.1,9.4.2,9.4.3,9.4.4 of IS 14927 (Part 1):2023, IEC 61084-1:2017
140.	Cable Trunking Systems and Cable Ducting Systems for Electrical Installations – General Requirements	Accessible conductive parts	Cl. 9.5,9.5.1,9.5.2,9.5.3 of IS 14927 (Part 1):2023, IEC 61084-1:2017
141.	Cable Trunking Systems and Cable Ducting Systems for Electrical Installations – General Requirements	Equipotential bonding	Cl. 9.6,9.6.1,9.6.2 of IS 14927 (Part 1):2023, IEC 61084-1:2017
142.	Cable Trunking Systems and Cable Ducting Systems for Electrical Installations – General Requirements	Access to live parts	Cl. 9.7,9.7.1,9.7.2,9.7.3,9.7.4, of IS 14927 (Part 1):2023, IEC 61084-1:2017
143.	Cable Trunking Systems and Cable Ducting Systems for Electrical Installations – General Requirements	Inlet openings	Cl. 9.8 of IS 14927 (Part 1):2023, IEC 61084-1:2017
144.	Cable Trunking Systems and Cable Ducting Systems for Electrical Installations – General Requirements	Membranes	Cl. 9.9,9.9.1,9.9.2,9.9.3,9.9.4,9.9.5 of IS 14927 (Part 1):2023, IEC 61084-1:2017

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Wiring Accessories		
145.	Cable Trunking Systems and Cable Ducting Systems for Electrical Installations – General Requirements	Cable restrainer	Cl. 9.10 of IS 14927 (Part 1):2023, IEC 61084-1:2017
146.	Cable Trunking Systems and Cable Ducting Systems for Electrical Installations – General Requirements	Cable anchorage	Cl. 9.11 of IS 14927 (Part 1):2023, IEC 61084-1:2017
147.	Cable Trunking Systems and Cable Ducting Systems for Electrical Installations – General Requirements	Mechanical Strength	Cl. 10 of IS 14927 (Part 1):2023, IEC 61084-1:2017
148.	Cable Trunking Systems and Cable Ducting Systems for Electrical Installations – General Requirements	Cable Support Test	Cl. 10.2 of IS 14927 (Part 1): 2023, IEC 61084-1:2017
149.	Cable Trunking Systems and Cable Ducting Systems for Electrical Installations – General Requirements	Impact Test	Cl. 10.3 of IS 14927 (Part 1): 2023, IEC 61084-1:2017
150.	Cable Trunking Systems and Cable Ducting Systems for Electrical Installations – General Requirements	Linear Deflection Test	Cl. 10.4 of IS 14927 (Part 1): 2023, IEC 61084-1:2017

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QAI/CIA/TL/2024/0063

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Accreditation Standard: ISO/IEC 17025:2017

Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Wiring Accessories		
151.	Cable Trunking Systems and Cable Ducting Systems for Electrical Installations – General Requirements	External Load Test	Cl. 10.5 of IS 14927 (Part 1):2023, IEC 61084-1:2017
152.	Cable Trunking Systems and Cable Ducting Systems for Electrical Installations – General Requirements	Fixing Test for apparatus mounting of socket outlets	Cl. 10.5.1 of IS 14927 (Part 1):2023, IEC 61084-1:2017
153.	Cable Trunking Systems and Cable Ducting Systems for Electrical Installations – General Requirements	Fixing Test for apparatus mounting other than socket outlets	Cl. 10.5.2 of IS 14927 (Part 1):2023, IEC 61084-1:2017
154.	Cable Trunking Systems and Cable Ducting Systems for Electrical Installations – General Requirements	System Access Cover Retention	Cl. 10.6 of IS 14927 (Part 1): 2023, IEC 61084-1:2017
155.	Cable Trunking Systems and Cable Ducting Systems for Electrical Installations – General Requirements	Electrical Properties	Cl. 11, 11.1,11.1.1, 11.1.2, 11.1.3,11.1.3.1,11.1.3.2,11.1.3.3,11.1.3.4,11.1.3.5 of IS 14927 (Part 1):2023, IEC 61084-1: 2017
156.	Cable Trunking Systems and Cable Ducting Systems for Electrical Installations – General Requirements	Electrical Insulation	Cl. 11.2, Cl. 11.2.1,11.2.2,11.2.3 of IS 14927 (Part 1):2023, IEC 61084-1: 2017

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Wiring Accessories		
157.	Cable Trunking Systems and Cable Ducting Systems for Electrical Installations – General Requirements	Dielectric Strength Test	Cl. 11.2, Cl. 11.2.4 of IS 14927 (Part 1):2023, IEC 61084-1: 2017
158.	Cable Trunking Systems and Cable Ducting Systems for Electrical Installations – General Requirements	Thermal Properties (Resistance to Heat)	Cl. 12,12.1,12.1.1,12.1.2,12.1.3 of IS 14927 (Part 1):2023, IEC 61084-1: 2017
159.	Cable Trunking Systems and Cable Ducting Systems for Electrical Installations – General Requirements	Fire Hazard (Reaction to Fire)	Cl. 13,13.1 of IS 14927 (Part 1):2023, IEC 61084-1: 2017
160.	Cable Trunking Systems and Cable Ducting Systems for Electrical Installations – General Requirements	Initiation of fire	Cl. 13,13.1.1 of IS 14927 (Part 1):2023, IEC 61084-1: 2017
161.	Cable Trunking Systems and Cable Ducting Systems for Electrical Installations – General Requirements	Contribution to fire	Cl. 13,13.1.2 of IS 14927 (Part 1):2023, IEC 61084-1: 2017
162.	Cable Trunking Systems and Cable Ducting Systems for Electrical Installations – General Requirements	Spread of fire	Cl. 13,13.1.3 of IS 14927 (Part 1):2023, IEC 61084-1: 2017

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Wiring Accessories		
163.	Cable Trunking Systems and Cable Ducting Systems for Electrical Installations – General Requirements	External influences (Degree of protection provided by enclosure)	Cl. 14,14.1,14.1.1,14.1.4 of IS 14927 (Part 1):2023, IEC 61084-1: 2017
164.	Cable Trunking Systems and Cable Ducting Systems for Electrical Installations – Cable Trunking Systems and Cable Ducting Systems Intended for Mounting on Walls or Ceilings Section 1 Particular Requirements	Classification	Cl. 6,6.101,6.102,6.103,6.104, of IS 14927 (Part 2/Sec 1):2023, IEC 61084-2-1: 2017
165.	Cable Trunking Systems and Cable Ducting Systems for Electrical Installations – Cable Trunking Systems and Cable Ducting Systems Intended for Mounting on Walls or Ceilings Section 1 Particular Requirements	Marking and Documentation	Cl. 7,7.3 of IS 14927 (Part 2/Sec 1):2023, IEC 61084-2-1: 2017
166.	Cable Trunking Systems and Cable Ducting Systems for Electrical Installations – Cable Trunking Systems and Cable Ducting Systems Intended for Mounting on Walls or Ceilings	Dimensions	Cl. 8 of IS 14927 (Part 2/Sec 1):2023, IEC 61084-2-1: 2017

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Wiring Accessories		
	Section 1 Particular Requirements		
167.	Cable Trunking Systems and Cable Ducting Systems for Electrical Installations – Cable Trunking Systems and Cable Ducting Systems Intended for Mounting on Walls or Ceilings Section 1 Particular Requirements	Constructions	Cl. 9,9.101,9.102 of IS 14927 (Part 2/Sec 1):2023, IEC 61084-2-1: 2017
168.	Cable Trunking Systems and Cable Ducting Systems for Electrical Installations – Cable Trunking Systems and Cable Ducting Systems Intended for Mounting on Walls or Ceilings Section 1 Particular Requirements	Mechanical Properties (Cable Support Test)	Cl.10,10.2,10.2.1,10.2.2,10.2.3,10.2.4, 10.2.5 of IS 14927 (Part 2/Sec 1):2023, IEC 61084-2-1: 2017
169.	Cable Trunking Systems and Cable Ducting Systems for Electrical Installations – Cable Trunking Systems and Cable Ducting Systems Intended for Mounting on Walls or Ceilings Section 1 Particular Requirements	Impact Test	Cl. 10.3,10.3.2,10.3.2.101,10.3.2.102, 10.3.2.103,10.3.2.104 of IS 14927 (Part 2/Sec 1):2023, IEC 61084-2-1: 2017

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Wiring Accessories		
170.	Cable Trunking Systems and Cable Ducting Systems for Electrical Installations – Cable Trunking Systems and Cable Ducting Systems Intended for Mounting on Walls or Ceilings Section 1 Particular Requirements	Liner Deflection Test	Cl. 10.4 of IS 14927 (Part 2/Sec 1):2023, IEC 61084-2-1: 2017
171.	Cable Trunking Systems and Cable Ducting Systems for Electrical Installations – Cable Trunking Systems and Cable Ducting Systems Intended for Mounting on Walls or Ceilings Section 1 Particular Requirements	System access cover retention	Cl. 10.6 of IS 14927 (Part 2/Sec 1):2023, IEC 61084-2-1: 2017
172.	Cable Trunking Systems and Cable Ducting Systems for Electrical Installations – Cable Trunking Systems and Cable Ducting Systems Intended for Mounting on Walls or Ceilings Section 1 Particular Requirements	Compression Test for CDS	Cl. 10.101 of IS 14927 (Part 2/Sec 1):2023, IEC 61084-2-1: 2017

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Wiring Accessories		
173.	Cable Trunking Systems and Cable Ducting Systems for Electrical Installations – Cable Trunking Systems and Cable Ducting Systems Intended for Mounting on Walls or Ceilings Section 1 Particular Requirements	Electrical Properties	Cl. 11 of IS 14927 (Part 2/Sec 1):2023, IEC 61084-2-1: 2017
174.	Cable Trunking Systems and Cable Ducting Systems for Electrical Installations – Cable Trunking Systems and Cable Ducting Systems Intended for Mounting on Walls or Ceilings Section 1 Particular Requirements	Thermal Properties	Cl. 12 of IS 14927 (Part 2/Sec 1):2023, IEC 61084-2-1: 2017
175.	Cable Trunking Systems and Cable Ducting Systems for Electrical Installations – Cable Trunking Systems and Cable Ducting Systems Intended for Mounting on Walls or Ceilings Section 1 Particular Requirements	Fire Hazard	Cl. 13 of IS 14927 (Part 2/Sec 1):2023, IEC 61084-2-1: 2017

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Wiring Accessories		
176.	Cable Trunking Systems and Cable Ducting Systems for Electrical Installations – Cable Trunking Systems and Cable Ducting Systems Intended for Mounting on Walls or Ceilings Section 1 Particular Requirements	External Influences	Cl. 14 of IS 14927 (Part 2/Sec 1):2023, IEC 61084-2-1: 2017

