

# Quality And Accreditation Institute Centre for International Accreditation

(formerly Centre for Laboratory Accreditation)



## Certificate of Accreditation

### Classic Testing & Research Centre

B-17, Sector-65,  
Noida-201301, 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/2024/0047**

Valid from: 08 March 2024

Valid until: 07 March 2026

**Dr. Bhupendra Kumar Rana**  
Chief Executive Officer

**Prof. Vikram Kumar**  
Chair, CIA

User is advised to verify the current scope of accreditation by visiting our website: [www.qai.org.in](http://www.qai.org.in)



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Accreditation Standard: ISO/IEC 17025:2017

Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
<b>Domestic Electrical Appliances</b>			
1.	Deep freezers	Construction	Cl.4 of IS 7872: 2020+A1
2.		Door seal test	Cl11.4 of IS 7872: 2020+A1
3.		Energy consumption test	Cl.11.2 of IS 7872: 2020+A1
4.		Marking & instructions	Cl.13 of IS 7872: 2020+A1
5.		Measurement of freezer storage capacity	Cl.8 of IS 7872: 2020+A1
6.		Mechanical strength of the shelves & similar components	Cl.11.5 of IS 7872: 2020+A1
7.		No-load pull-down test	Cl.11.1 of IS 7872: 2020+A1
8.		Pressure test	Cl.11.7 of IS 7872: 2020+A1
9.		Safety requirements	Cl. 6 of IS 7872: 2020+A1
10.		Sound Pressure Level	Cl. 7 of IS 7872: 2020+A1
11.		Temperature rise test	Cl.11.3 of IS 7872: 2020+A1
12.		Thermal Insulation test (external condensation test)	Cl.11.6 of IS 7872: 2020+A1
13.	Domestic electric clothes washing machines	Endurance	Cl. 18 of IS 302-2-7:2010 RAF: 2019
14.	Domestic electric clothes washing machines for household use	Energy consumption	IEC 60456 Cl.8.6, Cl.9.5.4 BEE Schedule 12-WM: 2010+A1
15.		Power consumption in off mode and left on mode	IEC 60456 Cl.9.5.4, Annex L: 2010+A1

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	<b>Domestic Electrical Appliances</b>		
16.		Shrinkage during the wool wash programme	IEC 60456 Cl.10: 2010+A1
17.		Water consumption	IEC 60456 Cl.8.6, Cl.9.5.2 BEE Schedule12-WM: 2010+A1
18.		Determination of rinsing performance	IEC 60456 Cl.8.5, Cl.9.4 BEE Schedule 12-WM: 2010+A1
19.		Determination of water and energy consumption (Water consumption)	BEE Schedule 12, and Cl. 9.5 of IEC 60456: 2010+A1
20.		Programme time	IEC 60456 Cl.8.6, Cl.9.5.3: 2010+A1
21.		Ashing performance	IEC 60456 Cl.8.3, Cl.9.2 BEE Schedule 12-WM: 2010+A1
22.		Water extraction performance	IEC 60456 Cl.8.4, Cl.9.3 BEE Schedule 12-WM: 2010+A1
23.		Electric Iron	Measurement of sole plate temperature
24.	Finish		Cl. 17, IS 366: 1991+A1 to A6
25.	Measurement of cyclic fluctuation of temperature		Cl. 14, IS 366: 1991+A1 to A6
26.	Measurement of heating-up time		Cl. 10, IS 366: 1991+A1 to A6

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	<b>Domestic Electrical Appliances</b>		
27.		Measurement of initial over swing temperature and heating-up excess temperature	Cl. 13, IS 366: 1991+A1 to A6
28.		Measurement of temperature distribution	Cl. 12, IS 366: 1991+A1 to A6
29.		Measurement of thermostatic stability	Cl. 16, IS 366: 1991+A1 to A6
30.	Electric ceiling type fans and regulators	Power Input	Cl. 18.2, IS 374:2019 AMD 1: 2022
31.		Air Delivery	Cl. 15, IS 374:2019 AMD 1: 2022
32.		Endurance	Cl. 16, IS 374:2019 AMD 1: 2022
33.		Endurance	Cl. 16, IS 374:2019 AMD 1: 2022
34.		Endurance	Cl. 16, IS 374:2019 AMD 1: 2022
35.		General Requirements	Cl. 4, IS 374:2019 AMD 1: 2022
36.		Interchangeability	Cl. 12, IS 374:2019 AMD 1: 2022
37.		Marking	Cl. 8, IS 374:2019 AMD 1: 2022
38.		Silent Operation	Cl. 13, IS 374:2019 AMD 1: 2022
39.		Speed and Power Factor (Power Factor)	Cl. 14.5, IS 374:2019 AMD 1: 2022
40.		Speed and Power Factor (Speed)	Cl. 14.4, IS 374:2019 AMD 1:2022
41.		Speed Regulators	Cl. 10, IS 374:2019 AMD 1: 2019
42.		Starting	Cl. 11, IS 374:2019 AMD 1: 2022

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	<b>Domestic Electrical Appliances</b>		
43.		Test for Harmonic Distortion	Cl. 17, IS 374:2019 AMD 1: 2022
44.	Electric iron & steam iron, electric immersion water heater, electric radiator/ room heaters, stationary storage type electric water heater, electric stoves, mineral filed sheathed heating elements, electric instantaneous water heater, frying pans, deep fat fryers and similar appliances, electric kitchen machines, domestic electric food mixers, electric toasters, grills, roasters and similar appliances, cooking ranges hobs, ovens and similar appliances, domestic electric clothes washing machine, mains operated electric hair dryers, electric coffee Machines, Electrical Shavers, Hair Clipper and Similar Appliances, Other appliances, Frying pans, Deep Fat Fryers and similar appliances	Provision for earthing	Cl 27 of IS 302-1:2008+ A1+ A2+ A3+A4, IS 302-2 and IEC:60335-2, IEC 60335-1: 2020
45.		Protection against electric shock	Cl 8 of IS 302-1:2008+A1+A2 +A3+A4, IS 302- 2 and IEC:60335-2 & IEC 60335-1: 2020
46.		Abnormal operation	Cl 19 of IS 302-1:2008+A1+ A2+A3+A4, IS 302-2 and IEC:60335-1: 2020 & IEC 60335-2, Cl.9 of IEC 62115: 2017
47.		Classification	Cl 6 of IS 302-1:2008+A1+A2 +A3+A4, 302-2
48.		Creepage, clearances distance and solid insulation / Clearances and Creepage distances	Cl 29 of IS 302-1:2008+A1+ A2+A3+A4, IS 302-2 and IEC:60335-1:2020 & IEC 60335-2, Cl.17 of IEC 62115: 2017
49.		Finish	Cl 33 of IS 302-1:2008+A1 +A2+A3+A4, IS 302-2 and IEC:60335-1&2: 2020
50.		Internal wiring	Cl 23 of IS 302-1:2008+A1+A2+A3 +A4, IS 302-2 and IEC:60335-2, IEC 60335-1: 2020

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	<b>Domestic Electrical Appliances</b>		
51.		Leakage current and electric strength	Cl 16 of IS 302-1:2008+A1+A2+A3+A4, IS 302-2 and IEC 60335-2 and IEC:60335-1
52.		Marking & Instructions	Cl 7 of IS 302-1:2008+A1+A2+A3+A4, 302-2 and IEC:60335-2, IEC 60335-2:2020, Cl.7 of IEC 62115:2017, Cl. 17&19 IS 369:2019
53.		Power Input and current/ power input / Inrush current	Cl 10 of IS 302-1:2008+A1+A2+A3+A4, 302-2 and IEC:60335-1:2020 & IEC 60335-2, BEE Schedule 8, Cl.8 of IEC 62115:2017, Cl. 14 & 16 IEC 60335-1:2020
54.		Resistance to rusting	Cl 31 of IS 302-1:2008+A1+A2+A3+A4, IS 302-2 and IEC 60335-2 & IEC 60335-1
55.		Screws and connections	Cl 28 of IS 302-1:2008+A1+A2+A3+A4, IS 302-2 and IEC:60335-2, IEC 60335-1:2020, Cl.16 of IEC 62115: 2017
56.		Supply connection & external flexible cables & cords / Supply connection & external flexible cords	Cl 25 of IS 302-1:2008+A1+A2+A3+A4, IS 302-2 and IEC:60335-2, IEC 60335-1: 2020
57.		Terminals for external conductors	Cl 26 of IS 302-1:2008+A1+A2+A3+A4, IS 302-2 and IEC:60335-2, IEC 60335-1: 2020

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	<b>Domestic Electrical Appliances</b>		
58.	Electric iron, electric immersion water heaters, room heaters, stationary storage type electric water heaters, electric stoves, electric instantaneous water heaters, frying pans, deep fat fryers and similar appliances, electric kitchen machine, toasters, grills, roasters and similar appliances, cooking ranges, hobs, ovens and similar appliances, electric coffee makers, electrical shavers, hair clipper and similar appliances, domestic electric clothes washing machines, appliances for skin or hair care, specification for domestic electric food-mixers (liquidizers and grinders)	Verification of components	Cl. 24 of IS 302-1:2008+A1+A2+A3+A4/302-2, 302-2- 3:1994, 302-2-201:2008, 302-2- 30:2007, 302-2- 21:2018, 302-2-202:1992, 302-2- 35:2017, 302-2- 13:1994, 302-2- 14:2009, 302-2- 9:2009, 302- 2- 6:2009, 302-2- 206:1994, 302-2- 8:1994, 302-2-7:2010, 302-2- 23:2009, 4250:1980, IEC 60335-2, IEC 60335-1: 2020
59.		Design and general construction	Cl.6 of IS 1169:1967+A4+A5+A6; IEC 60879:2019
60.	Electric pedestal type fans and regulators	Tolerances on rating	Cl. 18 of IS 169:1967+A4+A5+A6; IEC 60879:2019
61.		AC leakage test	Cl.16.8 of IS 1169:1967+A4+A5+A6; IEC 60879: 2019

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	<b>Domestic Electrical Appliances</b>		
62.		Air delivery test	Cl.16.2 of IS 1169:1967+A4+A5+A6; IEC 60879:2019
63.		Cord grip test	Cl.16.5 of IS 1169:1967+A4+A5+A6; IEC 60879: 2019
64.		Earthing continuity test	Cl.16.10 of IS 1169:1967+A4+A5+A6; IEC 60879: 2019
65.		Electrical input test	Cl.16.11 of IS 1169:1967+A4+A5+A6; IEC 60879: 2019
66.		Fan speed	Cl.16.12 of IS 1169:1967+A4+A5+A6; IEC 60879: 2019
67.		Finish	Cl. 7 of IS 1169:1967+A4+A5+A6; IEC 60879: 2019
68.		Flash test	Cl.16.13 of IS 1169:1967+A4+A5+A6; IEC 60879: 2019
69.		Height of fan	Cl.8 of IS 1169 :1967+A4+A5+A6; IEC 60879:2019
70.		High voltage test	Cl.16.9 of IS 1169:1967+A4+A5+A6; IEC 60879:2019
71.		Insulating materials	Cl.9 of IS 1169 :1967+A4+A5+A6; IEC 60879: 2019
72.		Insulation resistance test	Cl.16.14 of IS 1169:1967+A4+A5+A6; IEC 60879: 2019
73.		Interchangeability	Cl.12 of IS 1169:1967+A4+A5+A6; IEC 60879:2019

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	<b>Domestic Electrical Appliances</b>		
74.		Marking	Cl.15 of IS 1169:1967+A4+A5+A6; IEC 60879:2019
75.		Mechanical endurance test for regulators	Cl.16.6 of IS 1169:1967+A4+A5+A6; IEC 60879: 2019
76.		Moisture proofness test for regulator	Cl.16.4 of IS 1169:1967+A4+A5+A6; IEC 60879: 2019
77.		Oscillating mechanism	Cl.14 of IS 1169:1967+A4+A5+A6; IEC 60879:2019
78.		Power factor test	Cl.16.7 of IS 1169:1967+A4+A5+A6; IEC 60879: 2019
79.		Rated frequency	Cl. 5 of IS 1169:1967+A4+A5+A6; IEC 60879:2019
80.		Rated voltage	Cl. 4 of IS 1169:1967+A4+A5+A6; IEC 60879:2019
81.		Silent operation	Cl.13 of IS 1169:1967+A4+A5+A6; IEC 60879:2019
82.		Sizes, speed & types	Cl.3 of IS 1169 :1967+A4+A5+A6; IEC 60879:2019
83.		Speed regulators	Cl.10 of IS 1169:1967+A4+A5+A6; IEC 60879: 2019
84.		Starting	Cl.11 of IS 1169:1967+A4+A5+A6; IEC 60879: 2019

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	<b>Domestic Electrical Appliances</b>		
85.		Temperature-rise of fan motor and regulator	Cl.16.3 of IS 1169:1967+A4+A5 +A6; IEC 60879: 2019
86.		Air delivery	Cl. 10.3, IS 555:1979+A1+A2 RA: 2020
87.		Cord grip test	Cl. 10.14, IS 555: 1979+A1+A2 RA: 2020
88.		Creepage distances and clearances	Cl. 10.16, Cl. 7.4, IS 555: 1979+A1+A2 RA: 2020
89.		Creepage distances and clearances	Cl. 10.16, Cl. 7.4, IS 555: 1979+A1+A2 RA: 2020
90.		Design and general construction	Cl. 6, IS 555: 1979+A1+A2 RA: 2020
91.		Earthing connection	Cl. 10.10, IS 555: 1979+A1+A2 RA: 2020
92.		Earthing connection	Cl. 10.10, IS 555: 1979+A1+A2 RA: 2020
93.		Fan speed and Input	Cl. 10.9, IS 555:1979 +A1+A2 RA: 2020
94.		Fan Speed and Input	Cl. 10.9, IS 555: 1979+A1+A2 RA: 2020
95.		General and safety requirement	Cl. 7, IS 555: 1979+A1+A2 RA: 2020

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	<b>Domestic Electrical Appliances</b>		
96.		High voltage test	Cl. 10.6, IS 555: 1979+A1+A2 RA: 2020
97.		High voltage test	Cl. 10.6, IS 555: 1979+A1+A2 RA: 2020
98.		Insulation resistance	Cl. 10.7, Cl. 7.2.1.1, IS 555: 1979+A1+ A2 RA: 2020
99.		Insulation resistance	Cl. 10.7, Cl. 7.2.1.1, IS 555: 1979+A1 +A2 RA: 2020
100.		Interchangeability	Cl. 7.9, IS 555: 1979+A1+A2 RA: 2020
101.		Leakage current	Cl. 10.5, Cl. 7.2.1.2, IS 555: 1979+A1 +A2 RA: 2020
102.		Leakage current	Cl. 10.5, Cl. 7.2.1.2, IS 555: 1979+A1+ A2 RA: 2020
103.		Marking	Cl. 9, IS 555: 1979+A1+A2 RA: 2020
104.		Mechanical endurance test (for regulators only)	Cl. 10.13, Cl. 7.4, IS 555:1979+A1+A2 RA: 2020
105.		Moisture resistance	Cl. 10.12, IS 555: 1979+A1+A2 RA: 2020
106.		Oscillating mechanism	Cl. 10.15, Cl. 7.11, IS 555: 1979+A1+A2 RA: 2020

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	<b>Domestic Electrical Appliances</b>		
107.		Performance requirement	Cl. 8, IS 555: 1979+A1+A2 RA: 2020
108.		Protection against electric shock	Cl. 10.11, Cl. 7.1, IS 555: 1979+A1+A2 RA: 2020
109.		Rated frequency	Cl. 5 of IS 555: 1979+A1+A2 RA: 2020
110.		Rated voltage	Cl.4 of IS 555: 1979+A1+A2 RA: 2020
111.		Silent operation	Cl. 7.10, IS 555: 1979+A1+A2 RA: 2020
112.		Sizes, speeds and types	Cl.3 of IS 555: 1979+A1+A2 RA: 2020
113.		Speed Regulators	Cl. 7.8, IS 555: 1979+A1+A2 RA: 2020
114.		Starting	Cl. 10.8, IS 555: 1979+A1+A2 RA: 2020
115.		Temperature rise rest	Cl. 10.4, Cl. 7.3, IS 555: 1979+A1+A2 RA: 2020
116.		Temperature- rise rest	Cl. 10.4, Cl. 7.3, IS 555: 1979+A1+A2 RA: 2020
117.		Freezers	Durability test (doors and fittings)
118.	Strength-pressure test for components		Cl.5.4 of IS 7872: 2020+A1

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	<b>Domestic Electrical Appliances</b>		
119.	Household and similar electrical appliances, electric Iron, electric immersion water heaters, room heaters, stationary storage type electric water heaters, electric stoves, electric instantaneous water heaters, frying pans, deep fat fryers and similar appliances, electric kitchen machine, toasters, grills, roasters and similar	Construction	Cl. 22 of IS 302-1:2008+A1+A2+A3+A4/302-2, 302-2- 3:1994, 302-2-201:2008, 302-2-30:2007, 302-2- 21:2018, 302-2-202:1992, 302-2- 35:2017, 302-2-13:1994, 302-2-14:2009, 302-2-9:2009, 302-2- 6:2009, 302-2- 206:1994, 302-2- 8:1994, 302-27:2010, 302-2- 23:2009, 4250:1980, IEC 60335-2, IEC 60335-1: 2020
120.	appliances, cooking ranges, hobs, ovens and similar appliances, electric coffee makers, electrical shavers, hair clipper and similar appliances, domestic electric clothes washing machines, appliances for skin or hair care, specification for Domestic Electric Food-Mixers (Liquidizers and Grinders)	Moisture resistance	Cl. 15 of IS 302-1:2008+A1+A2+A3 +A4/302-2, 302-2- 3:1994, 302-2-201:2008, 302-2- 30:2007, 302-2- 21:2018, 302-2- 202:1992, 302-2- 35:2017, 302-2- 13:1994, 302-2-14:2009, 302-2- 9:2009, 302-2- 6:2009, 302-2- 206:1994, 302-2- 8:1994, 302-2- 7:2010, 302-2- 23:2009, 4250:1980,



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121.		Transient overvoltage	Cl. 14 of IS 302-1:2008+A1+A2+A3+A4/302-2, 302-2- 3:1994, 302-2-201:2008, 302-2-30:2007, 302-2- 21:2018, 302-2-202:1992, 302-2- 35:2017, 302-2-13:1994, 302-2-14:2009, 302-2-9:2009, 302-2- 6:2009, 302-2-206:1994, 302-2- 8:1994, 302-2-7:2010, 302-2- 23:2009, 4250:1980, IEC 60335-2, IEC 60335-1: 2020
122.	Household refrigerating appliances -Refrigerators	Analysis of a refrigerating appliance without steady state between defrosts.	Annex L of IS 17550- 3: 2021
123.		Automatic ice making capacity test	Cl.9 of IEC 62552-2: 2015+A1
124.		Automatic ice-making capacity test	Cl.9 of IS 17550-2: 2021
125.		Cooling capacity test	Cl.7 of IS 17550-2: 2021
126.		Defrost and recovery energy and temperature change	Annex C of IS 17550- 3: 2021
127.		Defrost interval	Annex D of IS 17550- 3: 2021
128.		Determination of compartment average air Temperatures	Annex D of IEC 62552-1: 2015+A1

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\*Scope Amended w.e.f.: 04 September 2025

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Accreditation Standard: ISO/IEC 17025:2017

Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	<b>Domestic Electrical Appliances</b>		
129.		Determination of energy consumption	Cl.6 of IS 17550-3 & Annex A of IS 17550- 3: 2021
130.		Determination of Linear Dimensions	Cl. 6.2 of IS 17550-1: 2021
131.		Determination of load processing efficiency	Annex G of IS 17550- 3: 2021
132.		Determination of Steady state power & temperature	Annex B of IEC 62552-3: 2015+A1
133.		Determination of Steady state power & temperature	Annex B of IS 17550- 3: 2021
134.		Determination of Volume	Cl.4.8 of IEC 62552-3+A1 & Annex H of IEC 62552-3: 2015+A1
135.		Determination of volume	Cl.4.8 of IS 17550-3 & Annex H of IS 17550-3: 2021
136.		Energy consumption of specified auxiliaries	Annex F of IEC 62552-3:2015+A1
137.		Energy consumption of specified auxiliaries	Annex F of IS 17550- 3: 2021
138.		Freezing capacity test	Cl.8 of IS 17550-2: 2021
139.		Ice-making test (if applicable)	Cl.14 of IS 17550-1 & 17550-3: 2021
140.		Interpolation of results	Annex E of IEC 62552-3: 2015+A1
141.		Interpolation of results	Annex E of IS 17550- 3: 2021

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	<b>Domestic Electrical Appliances</b>		
142.		Marking	Cl.5 of IS 17550-1: 2021
143.		Pul- down test	Annex A of IEC 62552-2:2015
144.		Pul- down test	Annex A of IS 17550- 2: 2021
145.		Safety requirements (*Protection against access to live parts *Power input and current) *Heating *Leakage current and electric strength at operating temperature *Moisture resistance*Leakage current and electric strength (high voltage after humidity))	Cl.16 of IS 17550-1 & IS 302- 1: 2021
146.		Shelves and containers	Cl.8.5 of IS 17550-1: 2021
147.		Storage test	Cl.6 of IEC 62552-2: 2015+A1
148.		Storage test	Cl.6 of IS 17550-2: 2021
149.		Storage test of wine storage appliances and compartments	Annex B of IS 17550- 2: 2021
150.		Temperature rise test	Annex C of IEC 62552-2: 2015+A1
151.		Temperature rise test	Annex C of IS 17550- 2: 2021
152.		Test for absence of odour and taste	Cl.15 of IS 17550-1: 2021

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Accreditation Standard: ISO/IEC 17025:2017

Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	<b>Domestic Electrical Appliances</b>		
153.		Testing the air tightness of door or lid seal(s) (Doorseal test)	Cl.9 of IS 17550-1: 2021
154.		Testing the durability of hinges and handles of door(s) and lid(s) (Mechanical durability test)	Cl.11 of IS 17550-1: 2021
155.		Testing the mechanical strength of shelves and similar components	Cl.12 of IS 17550-1: 2021
156.		Testing the opening force of door(s) or lid(s)	Cl.10 of IS 17550-1: 2021
157.		Water vapour condensation test	Annex D of IEC 62552-2: 2015+A1
158.		Water-vapour condensation test	Cl.13 of IS 17550-1 & Annex D of IS 17550-2: 2021
159.		Wine storage appliances & compartments; storage test	Annex B of IEC 62552-2: 2015+A1
160.		Cooling capacitive test	Cl.7 of IEC 62552-2: 2015+A1
161.		Defrost and recovery energy and temperature change	Annex C of IEC 62552-3: 2015+A1

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Accreditation Standard: ISO/IEC 17025:2017

Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	<b>Domestic Electrical Appliances</b>		
162.		Defrost interval	Annex D of IEC 62552-3: 2015+A1
163.		Determination of energy consumption	Cl.6 of IEC 62552-3+A1 & Annex A of IEC 62552-3: 2015+A1
164.		Determination of load processing efficiency	Annex G of IEC 62552-3: 2015+A1
165.		Freezing capacitive test	Cl. 8 of IEC 62552-2: 2015+A1
166.	Propeller type AC ventilating fans	High voltage test	Cl. 14.8, IS 2312: 1967+A7+A8
167.		Air delivery	Cl. 14.2, IS 2312: 1967+A7+A8
168.		AC leakage	Cl. 14.7, IS 2312: 1967+A7+A8
169.		Earthing continuity test	Cl. 14.10, IS 2312: 1967+A7+A8
170.		Earthing continuity test	Cl. 14.10, IS 2312: 1967+A7+A8
171.		Electrical Input Test	Cl. 14.11, IS 2312: 1967+A7+A8
172.		Electrical Input Test	Cl. 14.11, IS 2312: 1967+A7+A8
173.		Electrical Input Test	Cl. 14.11, IS 2312: 1967+A7+A8
174.		Finish	Cl. 7, IS 2312: 1967+A7+A8
175.		Flash Test	Cl. 14.13, IS 2312: 1967+A7+A8
176.		Insulating Material	Cl. 8, IS 2312: 1967+A7+A8
177.		Insulation Resistance Test	Cl. 14.9, IS 2312: 1967+A7+A8
178.		Interchangeability	Cl. 11, IS 2312: 1967+A7+A8
179.		Marking	Cl. 13, IS 2312: 1967+A7+A8
180.	Measurement of Fan Speed	Cl. 14.12, IS 2312: 1967+A7+A8	

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	<b>Domestic Electrical Appliances</b>		
181.		Mechanical Endurance Test (For Regulators Only)	Cl. 14.5, IS 2312: 1967+A7+A8
182.		Moisture Proofness Test (for Regulators Only)	Cl. 14.4, IS 2312: 1967+A7+A8
183.		Power Factor	Cl. 14.6, IS 2312: 1967+A7+A8
184.		Protection against direct Contact	Cl. 6, IS 2312: 1967+A7+A8
185.		Rated Frequency	Cl.5 of IS 2312: 1967+A7+A8
186.		Rated Voltage	Cl.4 of IS 2312: 1967+A7+A8
187.		Requirements performance	Cl. 15 of IS 2312: 1967+A7+A8
188.		Silent operation	Cl. 12, IS 2312: 1967+A7+A8
189.		Size of fan	Cl. 3, IS 2312: 1967+A7+A8
190.		Speed regulators	Cl. 9, IS 2312: 1967+A7+A8
191.		Starting	Cl. 10, IS 2312: 1967+A7+A8
192.		Temperature rise of fan motor and regulator	Cl. 14.3, IS 2312: 1967+A7+A8
193.		Tolerance on rating	Cl.16 of IS 2312: 1967+A7+A8
194.		Stationary storage type electric water heater	Cyclic temperature variation
195.	Deviation from dial calibration		Cl. 19, IS 2082: 2018+A1
196.	Finish		Cl. 21, IS 2082: 2018+A1
197.	Hot water output		Cl. 16, IS 2082: 2018+A1

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
<b>Domestic Electrical Appliances</b>			
198.		Measurement of energy consumption	Cl. 13, IS 2082: 2018+A1
199.		Mixing factor	Cl. 18, IS 2082: 2018+A1
200.		Reheating time	Cl. 17, IS 2082: 2018
201.		Standing loss per 24 hours	Cl. 15, IS 2082: 2018+A1
202.		Verification of the rated capacity	Cl. 14, IS 2082: 2018+A1
203.		Domestic electric food –mixers (liquidizers and grinders) and centrifugal juicers	Abnormal operation
204.	Domestic electric food –mixers (liquidizers and grinders) and centrifugal juicers	Components	Cl. 24 of IS 4250: 1980 +A1 to A10:2019
205.	Domestic electric food –mixers (liquidizers and grinders) and centrifugal juicers	Creepage distances and clearances	Cl. 29 of IS 4250: 1980 +A1 to A10:2019
206.	Domestic electric food –mixers (liquidizers and grinders) and centrifugal juicers	Electrical insulation and leakage current at operating temperature / leakage current and electric strength at operating temperature	Cl. 13 of IS 4250: 1980 +A1 to A10:2019
207.	Domestic electric food –mixers (liquidizers and grinders) and centrifugal juicers	Endurance	Cl. 18 of IS 4250: 1980 +A1 to A10:2019

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	<b>Domestic Electrical Appliances</b>		
208.	Domestic electric food –mixers (liquidizers and grinders) and centrifugal juicers	Input and current/ power input and current	Cl. 10 of IS 4250: 1980 +A1 to A10:2019
209.	Domestic electric food –mixers (liquidizers and grinders) and centrifugal juicers	Internal wiring	Cl. 23 of IS 4250: 1980 +A1 to A10:2019
210.	Domestic electric food –mixers (liquidizers and grinders) and centrifugal juicers	Leakage current and electric strength	Cl. 16 of IS 4250: 1980 +A1 to A10:2019
211.	Domestic electric food –mixers (liquidizers and grinders) and centrifugal juicers	Marking/ marking and instructions	Cl. 7 of IS 4250: 1980 +A1 to A10:2019
212.	Domestic electric food –mixers (liquidizers and grinders) and centrifugal juicers	Mechanical strength	Cl. 21 of IS 4250: 1980 +A1 to A10:2019
213.	Domestic electric food –mixers (liquidizers and grinders) and centrifugal juicers	Moisture resistance	Cl. 15 of IS 4250: 1980 +A1 to A10:2019
214.	Domestic electric food –mixers (liquidizers and grinders) and centrifugal juicers	Operational tests	Cl.34, IS 4250: 1980 +A1 to A10:2019
215.	Domestic electric food –mixers (liquidizers and grinders) and centrifugal juicers	Protection against electric shock/ protection against access to live parts	Cl. 8 of IS 4250: 1980 +A1 to A10:2019

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	<b>Domestic Electrical Appliances</b>		
216.	Domestic electric food –mixers (liquidizers and grinders) and centrifugal juicers	Provision for earthing	Cl. 27 of IS 4250: 1980 +A1 to A10:2019
217.	Domestic electric food –mixers (liquidizers and grinders) and centrifugal juicers	Resistance to heat and fire	Cl. 30 of IS 4250: 1980 +A1 to A10:2019
218.	Domestic electric food –mixers (liquidizers and grinders) and centrifugal juicers	Resistance to rusting	Cl. 31 of IS 4250: 1980 +A1 to A10:2019
219.	Domestic electric food –mixers (liquidizers and grinders) and centrifugal juicers	Screws and connections	Cl. 28 of IS 4250: 1980 +A1 to A10:2019
220.	Domestic electric food –mixers (liquidizers and grinders) and centrifugal juicers	Stability and mechanical hazards	Cl. 20 of IS 4250: 1980 +A1 to A10:2019
221.	Domestic electric food –mixers (liquidizers and grinders) and centrifugal juicers	Starting of motor operated appliances	Cl. 9 of IS 4250: 1980 +A1 to A10:2019
222.	Domestic electric food –mixers (liquidizers and grinders) and centrifugal juicers	Supply connection and external flexible cables and cords	Cl. 25 of IS 4250: 1980 +A1 to A10:2019
223.	Domestic electric food –mixers (liquidizers and grinders) and centrifugal juicers	Temperature rise /heating	Cl. 11 of IS 4250: 1980 +A1 to A10:2019
224.	Domestic electric food –mixers (liquidizers and grinders) and centrifugal juicers	Terminal for external conductor	Cl. 26 of IS 4250: 1980 +A1 to A10:2019

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	<b>Domestic Electrical Appliances</b>		
225.	Domestic electric food –mixers (liquidizers and grinders) and centrifugal juicers	Transient over voltage test	Cl. 14 of IS 4250: 1980 +A1 to A10:2019
226.	Domestic electric food –mixers (liquidizers and grinders) and centrifugal juicers	Verification of construction	Cl. 22 of IS 4250: 1980 +A1 to A10:2019
227.	Domestic electric food mixers (liquidizers and grinders)	Finish	Cl. 33, IS 4250: 1980 +A1 to A10:2019
228.	Domestic electric food mixers (liquidizers and grinders)	Strength of assembly	Cl. 37, IS 4250: 1980 +A1 to A10:2019
229.	Domestic electric food mixers (liquidizers and grinders)	Test for controls	Cl. 36, IS 4250: 1980 +A1 to A10:2019
230.	Domestic electric food mixers (liquidizers and grinders)	Temperature withstand test for bowl	Cl. 35, IS 4250: 1980 +A1 to A10:2019
231.	Mains operated electric hair dryers	Classification	Cl.7 of IS 7154:1994 +A1:2005
232.	Mains operated electric hair dryers	Endurance	Cl.11 of IS 7154:1994 +A1:2005
233.	Mains operated electric hair dryers	Finish	Cl.12 of IS 7154:1994 +A1:2005
234.	Mains operated electric hair dryers	Marking	Cl.8 of IS 7154:1994 +A1:2005
235.	Mains operated electric hair dryers	Marking & instruction	Cl.7 of IS 7154:1994 +A1:2005
236.	Mains operated electric hair dryers	Performance	Cl.10 of IS 7154:1994 +A1:2005

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	<b>Domestic Electrical Appliances</b>		
237.	Mains operated electric hair dryers	Rating	Cl.6 of IS 7154:1994 +A1:2005
238.	Mains operated electric hair dryers	Safety requirements (8 to 32 of 302-2- 23:2009)	Cl.9 of IS 7154:1994 +A1:2005
239.	Microwave ovens	Energy consumption	Cl.14 of IEC 60705: 2010/A1+A2, As per BEE Schedule 22
240.	Microwave ovens	Microwave function efficiency	Cl.9 of IEC 60705: 2010 / A1+A2, Cl.14 of IS 11676: 1995, As per BEE Schedule 22
241.	Microwave ovens	Standby power consumption	Cl.15 of IEC 60705:2010 + A1+A2 & Cl.5 of IEC 62301:2011 As per BEE Schedule 22
242.	Microwave ovens	Microwave power output	Cl.8 of IEC 60705: 2010/A1+A2, Cl.9 of IS 11676: 1995, As per BEE Schedule 22
243.	Bottled water dispensers-specification	Bottled water dispensers-specification	Cl.10.5 of IS 17681: 2022+A1
244.	Bottled water dispensers-specification	Cooling capacity test	Cl.10.1 of IS 17681: 2022+A1
245.	Bottled water dispensers-specification	Cooling capacity test- floor standing with refrigeration	Cl.10.1.2 of IS 17681: 2022+A1
246.	Bottled water dispensers-specification	Maximum operating condition test (environmental)	Cl.10.2 of IS 17681: 2022+A1
247.	Bottled water dispensers-specification	Heating capacity test	Cl.10.3 of IS 17681: 2022+A1

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	<b>Domestic Electrical Appliances</b>		
248.	Bottled water dispensers-specification	Annual energy consumption test	Cl.10.4 of IS 17681: 2022+A1
249.	Bottled water dispensers-specification	Door opening and closing test	Cl.10.7 of IS 17681: 2022+A1
250.	Bottled water dispensers-specification	Door seal test	Cl.10.8 of IS 17681: 2022+A1
251.	Bottled water dispensers-specification	Freeze up test	Cl.10.6 of IS 17681: 2022+A1
252.	Bottled water dispensers-specification	Marking	Cl.11 of IS 17681: 2022+A1
253.	Bottled water dispensers-specification	Pull down test	Cl.10.9 of IS 17681: 2022+A1
254.	Bottled water dispensers-specification	Salt mist test	Cl.6.3 of IS 17681: 2022+A1
255.	Bottled water dispensers-specification	Sound pressure level	Cl.7 of IS 17681: 2022+A1
256.	Cooking fume extractors- methods for measuring performance	Effectiveness of the lighting system	Cl.12 of IEC 61591: 2023
257.	Cooking fume extractors- methods for measuring performance	Grease absorption	Cl.14 of IEC 61591: 2023
258.	Cooking fume extractors- methods for measuring performance	Odour reduction	Cl.13 of IEC 61591: 2023
259.	Cooking fume extractors- methods for measuring performance	Volumetric airflow	Cl.10 of IEC 61591: 2023

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	<b>Domestic Electrical Appliances</b>		
260.	Electric direct-acting room heaters	Frost protection temperature (for heaters with frost protection means)	Cl. 13, IEC 60675-2: 2020
261.	Electric direct-acting room heaters	Dimensions, mass and means of connection to the supply (dimension)	Cl. 7, IS 369: 2019
262.	Electric direct-acting room heaters	Dimensions, mass and means of connection to the supply (dimension)	Cl. 7, IEC 60675-2: 2020
263.	Electric direct-acting room heaters	Dimensions, mass and means of connection to the supply (mass)	Cl. 7, IEC 60675: 1994
264.	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, IEC 60675-2: 2020
265.	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, IS 369: 2019
266.	Electric direct-acting room heaters	Frost protection temperature (for heaters with frost protection means)	Cl. 13, IS 369: 2019

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	<b>Domestic Electrical Appliances</b>		
267.	Electric direct-acting room heaters	Inrush current (for all heaters)	Cl. 14, IEC 60675-2: 2020
268.	Electric direct-acting room heaters	Inrush current (for all heaters)	Cl. 14, IS 369: 2019
269.	Electric direct-acting room heaters	Measurement of the usable power	Cl. 16, IEC 60675-2: 2020
270.	Electric direct-acting room heaters	Measurement of the usable power	Cl. 16, IS 369: 2019
271.	Electric direct-acting room heaters	Set-back (for heaters with a set-back device)	Cl. 12, IEC 60675-2: 2020
272.	Electric direct-acting room heaters	Set-back (for heaters with a set-back device)	Cl. 12, IS 369: 2019
273.	Electric direct-acting room heaters	Stability of room temperature (for heaters with an ambient temperature thermostat)	Cl. 11, IEC 60675-2: 2020
274.	Electric direct-acting room heaters	Stability of room temperature (for heaters with an ambient temperature thermostat)	Cl. 11, IS 369: 2019
275.	Electric direct-acting room heaters	Temperature rises of air-outlet grilles and external surfaces	Cl. 8, IEC 60675-2: 2020

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	<b>Domestic Electrical Appliances</b>		
276.	Electric direct-acting room heaters	Temperature rises of air-outlet grilles and external surfaces	Cl. 8, IS 369: 2019
277.	Electric direct-acting room heaters	Temperature rises of surfaces surrounding the heater	Cl. 9, IS 369: 2019
278.	Electric direct-acting room heaters	Temperature rises of surfaces surrounding the heater	Cl. 9, IEC 60675-2: 2020
279.	Electric direct-acting room heaters	Warming-up time of the heater	Cl. 10, IEC 60675-2: 2020
280.	Electric direct-acting room heaters	Warming-up time of the heater	Cl. 10, IS 369: 2019
281.	Electric dishwashers for household use-methods for measuring the performance	Additional rinse performance evaluation	Annex Q of IEC 60436: 2015+A1, EN 60436
282.	Electric dishwashers for household use-methods for measuring the performance	Airborne acoustical noise	Cl.9 of IEC 60436:2015+A1, IEC 60704-2-3: 2017, EN 60436
283.	Electric dishwashers for household use-methods for measuring the performance	Combined cleaning and drying performance assessment	Cl.7 of IEC 60436: 2015+A1, EN 60436
284.	Electric dishwashers for household use-methods for measuring the performance	Combined cleaning and drying performance tests	Cl.6 of IEC 60436: 2015+A1, EN 60436

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	<b>Domestic Electrical Appliances</b>		
285.	Electric dishwashers for household use-methods for measuring the performance	Determination of low power modes	IEC 62301, Annex K of IEC 60436: 2015+A1, EN 60436
286.	Electric dishwashers for household use-methods for measuring the performance	Dishwasher filtration evaluation	Annex R of IEC 60436: 2015+A1, EN 60436
287.	Electric dishwashers for household use-methods for measuring the performance	Energy consumption, water consumption, cycle time and programmed time	Cl.8 of IEC 60436: 2015+A1, EN 60436
288.	Electric dishwashers for household use-methods for measuring the performance	Inlet water temperature influence on energy consumption	Annex U of IEC 60436: 2015+A1, EN 60436
289.	Evaporative air cooler (desert coolers) --- specification	Accuracy of instrument	Cl. 11 of IS 3315: 2019
290.	Evaporative air cooler (desert coolers) -specification	Additional requirements for eco-mark	Cl. 9 of IS 3315: 2019
291.	Evaporative air cooler (desert coolers)-specification	Noise level	Cl. 9.3 of IS 3315: 2019
292.	Evaporative air cooler (desert coolers)- specification	Energy consumption	Cl. 9.5 of IS 3315: 2019
293.	Evaporative air cooler (desert coolers) - specification	Air flow and temperature measuring apparatus	Cl. 12 of IS 3315: 2019
294.	Evaporative air cooler (desert coolers) - specification	Calculation of air flow& annex A	Cl. 13 of IS 3315: 2019

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	<b>Domestic Electrical Appliances</b>		
295.	Evaporative air cooler (desert coolers) - specification	Cooling efficiency and air delivery test	Cl. 8.4.2 & 10.4 of IS 3315: 2019
296.	Evaporative air cooler (desert coolers) - specification	Earthing connection	Cl. 8.2.6 of IS 3315: 2019
297.	Evaporative air cooler (desert coolers) -Specification	Electrical equipment	Cl. 7 of IS 3315: 2019
298.	Evaporative air cooler (desert coolers) -Specification	Finish	Cl. 8.2.7 of IS 3315: 2019
299.	Evaporative air cooler (desert coolers) -Specification	General running test	Cl. 8.2.1 of IS 3315: 2019
300.	Evaporative air cooler (desert coolers) -Specification	Guarantee	Cl. 14 of IS 3315: 2019
301.	Evaporative air cooler (desert coolers) -Specification	High voltage test	Cl. 8.2.3 of IS 3315: 2019
302.	Evaporative air cooler (desert coolers) -Specification	Insulation resistance test	Cl. 8.2.4 of IS 3315: 2019
303.	Evaporative air cooler (desert coolers) -Specification	Leakage current	Cl. 8.2.5 of IS 3315: 2019
304.	Evaporative air cooler (desert coolers) -Specification	Rating voltage	Cl. 8.3.1 of IS 3315: 2019
305.	Evaporative air cooler (desert coolers) -Specification	Rated frequency	Cl. 8.3.2 of IS 3315: 2019
306.	Evaporative air cooler (desert coolers) -Specification	Manufacture and construction	Cl. 5 of IS 3315: 2019
307.	Evaporative air cooler (desert coolers) -Specification	Marking and information	Cl. 15 of IS 3315: 2019

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	<b>Domestic Electrical Appliances</b>		
308.	Evaporative air cooler (desert coolers) -Specification	BIS certification marking	Cl. 15.3 of IS 3315: 2019
309.	Evaporative air cooler (desert coolers) -Specification	Minimum air capacity	Cl. 4 of IS 3315: 2019
310.	Evaporative air cooler (desert coolers) -Specification	Performance requirement	Cl. 6 of IS 3315: 2019
311.	Evaporative air cooler (desert coolers) -Specification	Power consumption test	Cl. 8.2.8 & 8.4.3 of IS 3315: 2019
312.	Evaporative air cooler (desert coolers) -Specification	Protection against electric shock	Cl. 8.2.2 of IS 3315: 2019
313.	Evaporative air cooler (desert coolers) -Specification	Rating	Cl. 8.3. of IS 3315: 2019
314.	Evaporative air cooler (desert coolers) -Specification	Verification of marking as specified in 7 of is 302 (part 1)	Cl. 8.4.1.a) of IS 3315: 2019
315.	Evaporative air cooler (desert coolers) -Specification	General test conditions	Cl. 10 of IS 3315: 2019
316.	Evaporative air cooler (desert coolers) -Specification	Standard ratings	Cl. 10.2 of IS 3315: 2019
317.	Evaporative air cooler (desert coolers) -Specification	Stable operating conditions	Cl. 10.5 of IS 3315: 2019
318.	Electric immersion water heater	Abnormal operation	Cl. 19 of IS 368: 2014
319.	Electric immersion water heater	Components	Cl. 24 of IS 368: 2014
320.	Electric immersion water heater	Creepage distances and clearances	Cl. 29 of IS 368: 2014

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	<b>Domestic Electrical Appliances</b>		
321.	Electric immersion water heater	Leakage current and electric strength at operating temperature	Cl. 13 of IS 368: 2014
322.	Electric immersion water heater	Endurance	Cl. 18 of IS 368: 2014
323.	Electric immersion water heater	Input and current/ power input and current	Cl. 10 of IS 368: 2014
324.	Electric immersion water heater	Internal wiring	Cl. 23 of IS 368: 2014
325.	Electric immersion water heater	Leakage current and electric strength	Cl. 16 of IS 368: 2014
326.	Electric immersion water heater	Marking/ marking and instructions	Cl. 7 of IS 368: 2014
327.	Electric immersion water heater	Mechanical strength	Cl. 21 of IS 368: 2014
328.	Electric immersion water heater	Moisture resistance	Cl. 15 of IS 368: 2014
329.	Electric immersion water heater	Operation under overload conditions of appliances with heating elements	Cl. 12 IS 368: 2014
330.	Electric immersion water heater	Overload protection of transformer and associated circuits / overload protection	Cl. 17 of IS 368: 2014
331.	Electric immersion water heater	Protection against electric shock/ protection against access to live parts	Cl. 8 of IS 368: 2014
332.	Electric immersion water heater	Provision for earthing	Cl. 27 of IS 368: 2014
333.	Electric immersion water heater	Radiation, toxicity and similar hazards	Cl. 32 of IS 368: 2014

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	<b>Domestic Electrical Appliances</b>		
334.	Electric immersion water heater	Resistance to heat and fire	Cl. 30 of IS 368: 2014
335.	Electric immersion water heater	Resistance to rusting	Cl. 31 of IS 368: 2014
336.	Electric immersion water heater	Screws and connections	Cl. 28 of IS 368: 2014
337.	Electric immersion water heater	Stability and mechanical hazards	Cl. 20 of IS 368: 2014
338.	Electric immersion water heater	Starting of motor operated appliances	Cl. 9 of IS 368: 2014
339.	Electric immersion water heater	Supply connection and external flexible cables and cords	Cl. 25 of IS 368: 2014
340.	Electric immersion water heater	Supply connection and external flexible cables and cords	Cl. 25 of IS 368: 2014
341.	Electric immersion water heater	Temperature rise /heating	Cl. 11 of IS 368: 2014
342.	Electric immersion water heater	Terminal for external conductor	Cl. 26 of IS 368: 2014
343.	Electric immersion water heater	Transient over voltage test	Cl. 14 of IS 368: 2014
344.	Electric immersion water heater	Verification of construction	Cl. 22 of IS 368: 2014
345.	Electric instantaneous water heater	Endurance test	Cl. 12, IS 8978: 1992+A1+A2
346.	Electric instantaneous water heater	Finish test	Cl. 10, IS 8978: 1992+A1+A2
347.	Electric instantaneous water heater	Operation of flow switch	Cl. 11, IS 8978: 1992+A1+A2
348.	Mineral filled sheathed heating elements	Abnormal operation	Cl. 19 of IS 4159: 2021, IS 302-1:2008+A1+A2+A3+A4, IEC 60335-1: 2020
349.	Mineral filled sheathed heating elements	Clearances, creepage distances and solid insulation	Cl. 29 of IS 4159: 2021, IS 302-1:2008 A1+A2+A3+A4, IEC 60335-1: 2020

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	<b>Domestic Electrical Appliances</b>		
350.	Mineral filled sheathed heating elements	Electrical insulation and leakage current at operating temperature	Cl. 13 of IS 4159: 2021, IS 302-1:2008 A1+A2+A3+A4, IEC 60335-1: 2020
351.	Mineral filled sheathed heating elements	Endurance	Cl. 18 of IS 4159: 2021, IS 302-1:2008, IEC 60335-1: 2020
352.	Mineral filled sheathed heating elements	Power input & current	Cl. 10 of IS 4159: 2021, IS 302-1:2008 A1+A2+A3+A4, IEC 60335-1: 2020
353.	Mineral filled sheathed heating elements	Insulation resistance and electric strength (after humidity treatment)	Cl. 16 of IS 4159: 2021, IS 302-1:2008 A1+A2+A3+A4, IEC 60335-1: 2020
354.	Mineral filled sheathed heating elements	Internal wiring	Cl. 23 of IS 4159: 2021, IS 302-1:2008 A1+A2+A3+A4, IEC 60335-1: 2020
355.	Mineral filled sheathed heating elements	Leakage and hydrostatic strength test (for oil heating elements)	Cl. 102 of IS 4159: 2021
356.	Mineral filled sheathed heating elements	Mechanical strength	Cl.21 of IS 4159: 2021, IS 302-1:2008 A1+A2+A3+A4, IEC 60335-
357.	Mineral filled sheathed heating elements	Moisture resistance	Cl.15 of IS 4159: 2021, IS 302-1:2008 A1+A2+A3+A4, IEC 60335-
358.	Mineral filled sheathed heating elements	Protection against access to live parts	Cl. 8 of IS 4159: 2021, IS 302-1:2008+ A1+ A2+A3+A4, IEC 60335-1: 2020

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	<b>Domestic Electrical Appliances</b>		
359.	Mineral filled sheathed heating elements	Provision for earthing	Cl.27 of IS 4159: 2021, IS 302-1:2008 A1+A2+A3+A4, IEC 60335-1: 2020
360.	Mineral filled sheathed heating elements	Resistance to heat and fire	Cl. 30 of IS 4159: 2021, IS 302-1:2008 A1+A2+A3+A4, IEC 60335-1: 2020
361.	Mineral filled sheathed heating elements	Resistance to rusting	Cl. 31 of IS 4159: 2021, IS 302-1:2008 A1+A2+A3+A4, IEC 60335-1: 2020
362.	Mineral filled sheathed heating elements	Screws and connection	Cl. 28 of IS 4159: 2021, IS 302-1:2008, IEC 60335-1: 2020
363.	Mineral filled sheathed heating elements	Stability and mechanical hazards	Cl. 20 of IS 4159: 2021, IS 302-1:2008 A1+A2+A3+A4, IEC 60335-1: 2020
364.	Mineral filled sheathed heating elements	Supply connection and external flexible cords	Cl. 25 of IS 4159: 2021, IS 302-1:2008 A1+A2+A3+A4, IEC 60335-1: 2020
365.	Mineral filled sheathed heating elements	Heating	Cl. 11 of IS 4159: 2021, IS 302-1:2008 A1+A2+A3+A4, IEC 60335-1: 2020
366.	Mineral filled sheathed heating elements	Terminals for external conductors	Cl. 26 of IS 4159: 2021, IS 302-1:2008 A1+A2+A3+A4, IEC 60335-1: 2020
367.	Mineral filled sheathed heating elements	Components	Cl. 24 of IS 4159: 2021, IS 302-1:2008 A1+A2+A3+A4, IEC 60335-1: 2020

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	<b>Domestic Electrical Appliances</b>		
368.	Mineral filled sheathed heating elements	Construction	Cl. 22 of IS 4159: 2021, IS 302-1:2008 A1+A2+A3+A4, IEC 60335-1: 2020
369.	Mineral filled sheathed heating elements	Marking	Cl. 7 of IS 4159: 2021, IS 302-1:2008 +A1 +A2+A3+A4, IEC
370.	Household refrigerating appliances	Classification	Cl.4 of IS 17550-1:2021
371.	Household refrigerating appliances	Instructions	Cl.7 of IS 17550-1:2021
372.	Household refrigerating appliances	Materials and finishes	Cl.8.2 of IS 17550-1:2021
373.	Household refrigerating appliances	Thermal insulation and air tightness	Cl.8.3 of IS 17550-1:2021
374.	Household refrigerating appliances	Doors, lids and fittings	Cl.8.4 of IS 17550-1:2021
375.	Household refrigerating appliances	Disposal of defrost water	Cl.8.6 of IS 17550-1:2021
376.	Household refrigerating appliances	Refrigerating system	Cl.8.7 of IS 17550-1:2021
377.	Household refrigerating appliances	Supply cord	Cl.8.8 of IS 17550-1:2021
378.	Household refrigerating appliances	Compressor	Cl.8.9 of IS 17550-1:2021
379.	Household refrigerating appliances	Temperature sensing controls (thermostat)	Cl.8.10 of IS 17550-1:2021

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	<b>Domestic Electrical Appliances</b>		
380.	Household refrigerating appliances	Temperature sensing controls (thermostat) setting	Cl.8.11 of IS 17550-1:2021
381.	Household refrigerating appliances	Protection against access to live parts	Cl.16 (a) of IS 17550-1:2021 and IS 302-1:2008+A1+A2+A3+A4
382.	Household refrigerating appliances	Power input and current	Cl.16 (b) of IS 17550-1:2021 and IS 302-1:2008+ A1+A2+A3+A4
383.	Household refrigerating appliances	Heating	Cl.16 (c) of IS 17550-1:2021 and IS 302-1:2008+ A1+A2+A3+A4
384.	Household refrigerating appliances	Leakage current and electric strength at operating temperature	Cl.16 (d) of IS 17550-1:2021 and IS 302-1:2008 +A1+A2+A3+A4
385.	Household refrigerating appliances	Moisture resistance	Cl.16 (e) of IS 17550-1:2021 and IS 302-1:2008+ A1+A2+A3+A4
386.	Household refrigerating appliances	Leakage current and electric strength (high voltage after humidity)	Cl.16 (f) of IS 17550-1:2021 and IS 302-1:2008+A1+A2+A3+A4
387.	Household refrigerating appliances	Leakage current test	Cl.20.3 (a) of IS 17550-1:2021 and IS 302-1:2008+A1+A2+A3+A4
388.	Household refrigerating appliances	Earth continuity test	Cl.20.3 (b) of IS 17550-1:2021 and IS 302-1:2008+A1+A2+A3+A4
389.	Household refrigerating appliances	Electric strength	Cl.20.3 (c) of IS 17550-1:2021 and IS 302-1:2008+A1+A2+A3+A4
390.	Household refrigerating appliances	Safety requirements	Cl. 16 of IS 17550-1:2021
391.	Household refrigerating appliances	Packing	Cl. 17 of IS 17550-1:2021

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	<b>Domestic Electrical Appliances</b>		
392.	Household refrigerating appliances	Designation	Cl. 18 of IS 17550-1:2021
393.	Household refrigerating appliances	Instructions for use and maintenance	Cl. 19 of IS 17550-1:2021
394.	Household refrigerating appliances	Storage test	Cl.4.2 of IS 17550-2:2021
395.	Household refrigerating appliances	Cooling capacity test	Cl.4.3 of IS 17550-2:2021
396.	Household refrigerating appliances	Freezing capacity test	Cl.4.4 of IS 17550-2:2021
397.	Household refrigerating appliances	Automatic ice-making capacity test	Cl.4.5 of IS 17550-2:2021
398.	Household refrigerating appliances	Other tests	Cl.4.6 of IS 17550-2:2021
399.	Household refrigerating appliances	Pull-down test	Cl.4.6(a) of IS 17550-2:2021 & Annex A of IS 17550-2:2021
400.	Household refrigerating appliances	Wine storage test	Cl.4.6(b) of IS 17550-2:2021 & Annex B of IS 17550-2:2021
401.	Household refrigerating appliances	Temperature rise test	Cl.4.6(c) of IS 17550-2:2021, & Annex C of IS 17550-2:2021
402.	Household refrigerating appliances	Water vapour condensation test	Cl.4.6(d) of IS 17550-2:2021, & Annex D of IS 17550-2:2021
403.	Household refrigerating appliances	General test conditions	Cl.5 of IS 17550-2:2021 and Annex A & Annex B of IS 17550-1:2021
404.	Household refrigerating appliances	Automatic ice-making capacity test	Cl.9 of IS 17550-2:2021

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405.	Household refrigerating appliances	Steady state power consumption	Cl.4.2 of IS17550-3:2021 & Annex B of IS17550-3:2021
406.	Household refrigerating appliances	Defrost and recovery energy and temperature change	Cl.4.3 of IS17550-3:2021 & Annex C of IS17550-3:2021
407.	Household refrigerating appliances	Defrost frequency	Cl.4.4 of IS17550-3:2021 & Annex D of IS17550-3:2021
408.	Household refrigerating appliances	Number of test points and interpolation	Cl.4.5 of IS17550-3:2021 &
409.	Household refrigerating appliances	Load processing efficiency	Cl.4.6 of IS17550-3:2021 & Annex G of IS 17550-3:2021
410.	Household refrigerating appliances	Specified auxiliaries	Cl.4.7 of IS17550-3:2021 & Annex F of IS17550-3:2021
411.	Household refrigerating appliances	Target temperatures for energy determination	Cl.5 of IS17550-3:2021
412.	Deep freezers	Refrigeration system	Cl.5.0 of IS 7872-2020 +A1
413.	Deep freezers	Construction	Cl.5.1 of IS 7872-2020 +A1
414.	Deep freezers	Control of operation	Cl.5.2 of IS 7872-2020 +A1
415.	Deep freezers	Location of components	Cl.5.3 of IS 7872-2020 +A1
416.	Deep freezers	Strength-pressure test for components	Cl.5.4 of IS 7872-2020 +A1
417.	Deep freezers	General	Cl.5.4.1 of IS 7872-2020 +A1
418.	Deep freezers	Individual strength-pressure test	Cl.5.4.2 of IS 7872-2020 +A1
419.	Deep freezers	Type-approved strength-pressure test	Cl.5.4.3 of IS 7872-2020 +A1

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Accreditation Standard: ISO/IEC 17025:2017

Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	<b>Domestic Electrical Appliances</b>		
420.	Deep freezers	Fatigue test	Cl.5.4.4 of IS 7872-2020 +A1
421.	Deep freezers	Measurement	Cl.10 of IS 7872-2020 +A1
422.	Deep freezers	Measuring instruments	Cl.10.1 of IS 7872-2020 +A1
423.	Deep freezers	Temperature measurement conditions	Cl.10.2 of IS 7872-2020 +A1
424.	Deep freezers	General test conditions	Cl.9 of IS 7872-2020 +A1
425.	Deep freezers	Freezer installation	Cl.9.1 of IS 7872-2020 +A1
426.	Deep freezers	Temperature measurement conditions	Cl.10.2.1 of IS 7872-2020 +A1
427.	Commercial refrigerator	Component test	Cl.7.5.2 of IS 1474: 1959
428.	Commercial refrigerators	Computation of shelf area	Cl.3.6 of IS 1474: 1959
429.	Commercial refrigerators	Condensation test	Cl.7.5.5 of IS 1474: 1959
430.	Commercial refrigerators	Door seal test	Cl.7.5.8 of IS 1474: 1959
431.	Commercial refrigerators	Gross volume	Cl.3.3.1 of IS 1474: 1959
432.	Commercial refrigerators	Insulation resistance test (assembly test)	Cl.7.5.3 of IS 1474: 1959
433.	Commercial refrigerators	Net volume	Cl.3.7 of IS 1474: 1959
434.	Commercial refrigerators	Pressure test	Cl.7.5.1 of IS 1474: 1959
435.	Commercial refrigerators	Rating test	Cl.7.5.6 of IS 1474: 1959
436.	Commercial refrigerators	Test for adequate rating of compressor motor	Cl.7.5.7 of IS 1474: 1959
437.	Commercial refrigerators	Thermal insulation test	Cl.7.5.4 of IS 1474: 1959
438.	Commercial refrigerators	Volume of evaporator space	Cl.3.4 of IS 1474: 1959

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	<b>Domestic Electrical Appliances</b>		
439.	Commercial refrigerators	Volume of fixed shelves and partitions	Cl.3.5 of IS 1474: 1959
440.	Refrigerated display cabinets	Electrical energy consumption test	Cl.5.3.5 of IS 16672 (Part 2): 2017
441.	Refrigerated display cabinets	Linear dimensions, areas and volumes	Cl.5.2.2 of IS 16672 (Part 2): 2017
442.	Refrigerated display cabinets	Marking	Cl.7 of IS 16672 (Part 2): 2017
443.	Refrigerated display cabinets	Seal test of doors and lids	Cl.5.2.1 of IS 16672 (Part 2): 2017
444.	Refrigerated display cabinets	Temperature test	Cl.5.3.3 of IS 16672 (Part 2): 2017
445.	Refrigerated display cabinets	Test for absence of odour and taste	Annex C of IS 16672 (Part 2): 2017
446.	Refrigerated display cabinets	Water vapour condensation test	Cl.5.3.4 of IS 16672 (Part 2): 2017
447.	Household electric cooking appliances- hobs- methods for measuring performance	Energy consumption and heating up time	Cl. 7, IEC 60350-2: 2017
448.	Household electric cooking appliances- hobs- methods for measuring performance	Power measurement of low power modes	Cl. 12, IEC 60350-2: 2017
449.	Household electric cooling appliances-performance requirements of electric hobs	Ability to control the temperature of a load	Cl.11 of IS 19014: 2022 BEE Schedule 34
450.	Household electric cooling appliances-performance requirements of electric hobs	Energy consumption and heating up time	Cl.10 of IS 19014 & BEE Schedule 34 (Induction Hobs): 2022

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	<b>Domestic Electrical Appliances</b>		
451.	Household electric cooling appliances-performance requirements of electric hobs	Heat distribution and heat supply	Cl.12 of IS 19014: 2022; BEE Schedule 34
452.	Household electric cooling appliances-performance requirements of electric hobs	Heat performance of cooking zones	Cl.13 of IS 19014: 2022; BEE Schedule 34
453.	Household electric cooling appliances-performance requirements of electric hobs	Power measurement of low power mode, standby mode, Power Measurement	Cl.15 of IS 19014: 2022, IEC 62301:2011 & BEE Schedule 34 (Induction Hobs): 2022
454.	Household electric cooling appliances-performance requirements of electric hobs	Smallest detected diameter for induction cooking zones	Cl.14 of IS 19014: 2022 BEE Schedule 34
455.	Household electric cooling appliances-performance requirements of electric hobs	Spillage capacity of hobs	Cl.16 of IS 19014: 2022 BEE Schedule 34
456.	Household electric cooling appliances-performance requirements of electric hobs	Thermal efficiency	Cl.10.7 of IS 19014 & BEE Schedule 34 (Induction Hobs): 2022
457.	Mains-operated electric shavers, portable hand-held mains- operated electric massagers	Rating	Cl.3 of IS 5159 :1969+A1+A2, IS 7137: 1973

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	<b>Domestic Electrical Appliances</b>		
458.	Mains-operated electric shavers, portable hand-held mains-operated electric massagers	Construction	Cl.5 of IS 5159 :1969+A1+A2, IS 7137: 1973
459.	Mains-operated electric shavers, portable hand-held mains-operated electric massagers	Material/ component part and material	Cl.4 of IS 5159 :1969+A1+A2, IS 7137: 1973
460.	Mains-operated electric shavers	Abnormal operation	Cl.6.7 of IS 5159: 1969+A1+A2
461.	Mains-operated electric shavers	Abnormal operation test	Cl.10.3.10 of IS 5159:
462.	Mains-operated electric shavers	Cord grip test	Cl.10.3.2 of IS 5159: 1969+A1+A2
463.	Mains-operated electric shavers	Electrical insulation	Cl.6.3 of IS 5159: 1969+A1+A2
464.	Mains-operated electric shavers	Endurance	Cl.8 of IS 5159: 1969+A1+A2
465.	Mains-operated electric shavers	Endurance test	Cl.10.3.11 of IS 5159
466.	Mains-operated electric shavers	High voltage test	Cl.10.3.4 of IS 5159: 1969+A1+A2
467.	Mains-operated electric shavers	Marking	Cl.9 of IS 5159: 1969+A1+A2
468.	Mains-operated electric shavers	Mechanical strength	Cl.6.6 of IS 5159: 1969+A1+A2
469.	Mains-operated electric shavers	Mechanical strength test	Cl.10.3.9 of IS 5159: 1969+A1+A2
470.	Mains-operated electric shavers	Moisture resistance	Cl.6.5 of IS 5159: 1969+A1+A2
471.	Mains-operated electric shavers	Operation under overload	Cl.6.8 of IS 5159: 1969+A1+A2
472.	Mains-operated electric shavers	Performance requirement	Cl.7 of IS 5159: 1969+A1+A2
473.	Mains-operated electric shavers	Protection against electric shock	Cl.6.1 of IS 5159: 1969+A1+A2
474.	Mains-operated electric shavers	Radio, interface suppression	Cl.6.4 of IS 5159: 1969+A1+A2

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	<b>Domestic Electrical Appliances</b>		
475.	Mains-operated electric shavers	Screw and connection	Cl.6.11 of IS 5159: 1969+A1+A2
476.	Mains-operated electric shavers	Supply connection	Cl.6.9 of IS 5159: 1969+A1+A2
477.	Mains-operated electric shavers	Temperature limit	Cl.10.3.8 of IS 5159: 1969+A1+A2
478.	Mains-operated electric shavers	Temperature limit	Cl.6.2 of IS 5159: 1969+A1+A2
479.	Mains-operated electric shavers	Terminals	Cl.6.10 of IS 5159: 1969+A1+A2
480.	Mains-operated electric shavers	Test for leakage current	Cl.10.3.6 of IS 5159: 1969+A1+A2
481.	Mains-operated electric shavers	Test for operation at over and under voltage	Cl.10.3.7 of IS 5159: 1969+A1+A2
482.	Mains-operated electric shavers	Test for protection against electric shock	Cl.10.3.5 of IS 5159: 1969
483.	Mains-operated electric shavers	Test for withdrawal pull	Cl.10.3.3 of IS 5159: 1969+A1+A2
484.	Mains-operated electric shavers	Visual examination and inspection	Cl.10.3.1 of IS 5159: 1969+A1+A2
485.	Specification for bottle coolers	Construction	Cl.4 of IS 2167: 2019
486.	Specification for bottle coolers	Pressure test	Cl.4.8.5 of IS 2167: 2019
487.	Specification for bottle coolers	Measurement of bottle cooler storage capacity	Cl.5 of IS 2167: 2019
488.	Specification for bottle coolers	Thermal insulation test	Cl.6.5.1 of IS 2167:2019
489.	Specification for bottle coolers	Insulation resistance test	Cl.6.5.2 of IS 2167: 2019
490.	Specification for bottle coolers	High voltage test	Cl.6.5.3 of IS 2167: 2019
491.	Specification for bottle coolers	No load performance test	Cl.6.5.4 of IS 2167: 2019
492.	Specification for bottle coolers	Power consumption test and percentage running time test	Cl.6.5.5 of IS 2167: 2019

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	<b>Domestic Electrical Appliances</b>		
493.	Specification for bottle coolers	Capacity rating test	Cl.6.5.6 of IS 2167: 2019
494.	Specification for bottle coolers	Maximum operating conditions test	Cl.6.5.7 of IS 2167: 2019
495.	Specification for bottle coolers	Marking and information	Cl.7 of IS 2167: 2019
496.	Household and Similar Electrical Appliances-Safety General Requirements (7 Revision)	General Requirement	Cl. 4 of IS 302-1:2024/IEC60335-1:2020
497.		General Condition for the Test	Cl. 5 of IS 302-1:2024/IEC60335-1:2020
498.		Classification	Cl. 6 of IS 302-1:2024/IEC60335-1:2020
499.		Marking and Instruction	Cl. 7 of IS 302-1:2024/IEC60335-1:2020
500.		Protection against electric shock	Cl. 8 of IS 302-1:2024/IEC60335-1:2020
501.		Starting for motor operated appliances	Cl. 9 of IS 302-1:2024/IEC60335-1:2020
502.		Power Input and current	Cl. 10 of IS 302-1:2024/IEC60335-1:2020
503.		Heating/ Temperature Rise Test	Cl. 11 of IS 302-1:2024/IEC60335-1:2020
504.		Charging of metal-ion batteries	Cl. 12 of IS 302-1:2024/IEC60335-1:2020
505.		Leakage Current and Electric Strength at Operating Temperature	Cl. 13 of IS 302-1:2024/IEC60335-1:2020

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	<b>Domestic Electrical Appliances</b>		
506.		Transient Over voltage	Cl. 14 of IS 302-1:2024/IEC60335-1:2020
507.		Moisture resistance	Cl. 15 of IS 302-1:2024/IEC60335-1:2020
508.		Leakage current and electric strength	Cl. 16 of IS 302-1:2024/IEC60335-1:2020
509.		Overload Protection/ Overload Protection of Transformer and Associated Circuits	Cl. 17 of IS 302-1:2024/IEC60335-1:2020
510.		Endurance	Cl. 18 of IS 302-1:2024/IEC60335-1:2020
511.		Abnormal Operation	Cl. 19 of IS 302-1:2024/IEC60335-1:2020
512.	Household and Similar Electrical Appliances-Safety General Requirements (7 Revision)	Stability and Mechanical Hazards	Cl. 20 of IS 302-1:2024/IEC60335-1:2020
513.		Mechanical strength	Cl. 21 of IS 302-1:2024/IEC60335-1:2020
514.		Construction	Cl. 22 of IS 302-1:2024/IEC60335-1:2020
515.		Internal Wiring	Cl. 23 of IS 302-1:2024/IEC60335-1:2020
516.		Components	Cl. 24 of IS 302-1:2024/IEC60335-1:2020
517.		Supply Connection and External Flexible Cords	Cl. 25 of IS 302-1:2024/IEC60335-1:2020
518.		Terminals for external conductors	Cl. 26 of IS 302-1:2024/IEC60335-1:2020

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	<b>Domestic Electrical Appliances</b>		
519.		Provision for earthing	Cl. 27 of IS 302-1:2024/IEC60335-1:2020
520.		Screws and Connections	Cl. 28 of IS 302-1:2024/IEC60335-1:2020
521.		Creepage distance & clearances / Clearances, Creepage distances and solid insulations	Cl. 29 of IS 302-1:2024/IEC60335-1:2020
522.		Resistance to Heat and Fire	Cl. 30 of IS 302-1:2024/IEC60335-1:2020
523.		Resistance to Rusting	Cl. 31 of IS 302-1:2024/IEC60335-1:2020
524.		Radiation, Toxicity and Similar Hazards	Cl. 32 of IS 302-1:2024/IEC60335-1:2020
525.	Household and Similar Electrical Appliances-Safety General Requirements (7 Revision)	Routine tests	Annex A of IS 302-1:2024/IEC60335-1:2020
526.		Battery-operated appliances, separable batteries and detachable batteries for battery-operated appliances	Annex B of IS 302-1:2024/IEC60335-1:2020
527.		Ageing test on motors	Annex C of IS 302-1:2024/IEC60335-1:2020
528.		Thermal motor protectors	Annex D of IS 302-1:2024/IEC60335-1:2020
529.		Needle-flame test	Annex E of IS 302-1:2024/IEC60335-1:2020

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	<b>Domestic Electrical Appliances</b>		
530.		Capacitors	Annex F of IS 302-1:2024/IEC60335-1:2020
531.		Safety isolating transformers	Annex G of IS 302-1:2024/IEC60335-1:2020
532.		Switches	Annex H of IS 302-1:2024/IEC60335-1:2020
533.		Motors having basic insulation that is inadequate for the rated voltage of the appliance	Annex I of IS 302-1:2024/IEC60335-1:2020
534.		Coated printed circuit boards	Annex J of IS 302-1:2024/IEC60335-1:2020
535.		Overvoltage categories	Annex K of IS 302-1:2024/IEC60335-1:2020
536.	Household and Similar Electrical Appliances-Safety General Requirements (7 Revision)	Guidance for the measurement of clearances and creepage distances	Annex L of IS 302-1:2024/IEC60335-1:2020
537.		Pollution degree	Annex M of IS 302-1:2024/IEC60335-1:2020
538.		Proof tracking test	Annex N of IS 302-1:2024/IEC60335-1:2020
539.		Selection and sequence of the tests of Clause 30	Annex O of IS 302-1:2024/IEC60335-1:2020
540.		Guidance for the application of this standard to appliances used in tropical climates	Annex P of IS 302-1:2024/IEC60335-1:2020

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Electrical Testing				
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method	
	<b>Domestic Electrical Appliances</b>			
541.	Household and Similar Electrical Appliances-Safety General Requirements (7 Revision)	Sequence of tests for the evaluation of electronic circuits	Annex Q of IS 302-1:2024/IEC60335-1:2020	
542.		Software evaluation	Annex R of IS 302-1:2024/IEC60335-1:2020	
543.		Guidance for the application of this standard on measurement of power input and current based on the requirements of 10.1 and 10.2 concerning the representative period	Annex S of IS 302-1:2024/IEC60335-1:2020	
544.		UV-C radiation effect on non-metallic materials	Annex T of IS 302-1:2024/IEC60335-1:2020	
545.		Appliances intended for remote communication through public networks	Annex U of IS 302-1:2024/IEC60335-1:2020	
546.		Household and Similar Electrical Appliances — Safety Part 2 Particular Requirements Section 21 Storage Water Heaters	General Requirement	Cl. 4 of IS 302 (Part 2/Sec 21): 2024; IEC 60335-2-21: 2022
547.			General Condition for the Test	Cl. 5 of IS 302 (Part 2/Sec 21) : 2024; IEC 60335-2-21 : 2022
548.			Classification	Cl. 6 of IS 302 (Part 2/Sec 21) : 2024; IEC 60335-2-21 : 2022
549.		Household and Similar Electrical	Marking and Instruction	Cl. 7 of IS 302 (Part 2/Sec 21) : 2024; IEC 60335-2-21 : 2022

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	<b>Domestic Electrical Appliances</b>		
550.	Appliances — Safety Part 2 Particular Requirements Section 21	Protection against electric shock	Cl. 8 of IS 302 (Part 2/Sec 21) : 2024; IEC 60335-2-21 : 2022
551.	Storage Water Heaters	Starting for motor operated appliances	Cl. 9 of IS 302 (Part 2/Sec 21) : 2024; IEC 60335-2-21 : 2022
552.		Power Input and current	Cl. 10 of IS 302 (Part 2/Sec 21) : 2024; IEC 60335-2-21 : 2022
553.		Heating/ Temperature Rise Test	Cl. 11 of IS 302 (Part 2/Sec 21) : 2024; IEC 60335-2-21 : 2022
554.		Charging of metal-ion batteries	Cl. 12 of IS 302 (Part 2/Sec 21) : 2024; IEC 60335-2-21 : 2022
555.		Leakage Current and Electric Strength at Operating Temperature	Cl. 13 of IS 302 (Part 2/Sec 21) : 2024; IEC 60335-2-21 : 2022
556.		Transient Over voltage	Cl. 14 of IS 302 (Part 2/Sec 21) : 2024; IEC 60335-2-21 : 2022
557.		Moisture resistance	Cl. 15 of IS 302 (Part 2/Sec 21) : 2024; IEC 60335-2-21 : 2022
558.		Leakage current and electric strength	Cl. 16 of IS 302 (Part 2/Sec 21) : 2024; IEC 60335-2-21 : 2022
559.		Overload Protection/ Overload Protection of Transformer and Associated Circuits	Cl. 17 of IS 302 (Part 2/Sec 21) : 2024; IEC 60335-2-21 : 2022
560.	Household and Similar Electrical	Endurance	Cl. 18 of IS 302 (Part 2/Sec 21) : 2024; IEC 60335-2-21 : 2022

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	<b>Domestic Electrical Appliances</b>		
561.	Appliances — Safety Part 2 Particular Requirements Section 21	Abnormal Operation	Cl. 19 of IS 302 (Part 2/Sec 21) : 2024; IEC 60335-2-21 : 2022
562.	Storage Water Heaters	Stability and Mechanical Hazards	Cl. 20 of IS 302 (Part 2/Sec 21) : 2024; IEC 60335-2-21 : 2022
563.		Mechanical strength	Cl. 21 of IS 302 (Part 2/Sec 21) : 2024; IEC 60335-2-21 : 2022
564.		Construction	Cl. 22 of IS 302 (Part 2/Sec 21) : 2024; IEC 60335-2-21 : 2022
565.		Internal Wiring	Cl. 23 of IS 302 (Part 2/Sec 21) : 2024; IEC 60335-2-21 : 2022
566.		Components	Cl. 24 of IS 302 (Part 2/Sec 21) : 2024; IEC 60335-2-21 : 2022
567.		Supply Connection and External Flexible Cords	Cl. 25 of IS 302 (Part 2/Sec 21) : 2024; IEC 60335-2-21 : 2022
568.		Terminals for external conductors	Cl. 26 of IS 302 (Part 2/Sec 21) : 2024; IEC 60335-2-21 : 2022
569.		Provision for earthing	Cl. 27 of IS 302 (Part 2/Sec 21) : 2024; IEC 60335-2-21 : 2022
570.		Screws and Connections	Cl. 28 of IS 302 (Part 2/Sec 21) : 2024; IEC 60335-2-21 : 2022
571.		Creepage distance & clearances / Clearances, Creepage distances and solid insulations	Cl. 29 of IS 302 (Part 2/Sec 21) : 2024; IEC 60335-2-21 : 2022
572.	Household and Similar Electrical	Resistance to Heat and Fire	Cl. 30 of IS 302 (Part 2/Sec 21) : 2024; IEC 60335-2-21 : 2022

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Electrical Testing				
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method	
<b>Domestic Electrical Appliances</b>				
573.	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	
574.		Radiation, Toxicity and Similar Hazards	Cl. 32 of IS 302 (Part 2/Sec 21) : 2024; IEC 60335-2-21 : 2022	
575.		Routine tests	Annex A IS 302 (Part 2/Sec 21) : 2024; IEC 60335-2-21 : 2022	
576.		Software evaluation	Annex R IS 302 (Part 2/Sec 21) : 2024; IEC 60335-2-21 : 2022	
577.		Additional requirement for immersion heater units intended for the installation in heat exchange closed water heaters	Annex AA IS 302 (Part 2/Sec 21) : 2024; IEC 60335-2-21 : 2022	
578.		Evaporative Air Cooler (Desert Coolers) Specification	Classification	Cl. 4 of 3315:2024
579.			Constructions	Cl. 5 of 3315:2024
580.			Rated requirements	Cl. 6 of 3315:2024
581.	Test conditions		Cl. 7 of 3315:2024	
582.	Performance requirements		Cl. 8 of 3315:2024	
583.	Accuracy of instruments		Cl. 9 of 3315:2024	
584.	Test chamber		Cl. 10 of 3315:2024	
585.	Calculation of air flow		Cl. 11 of 3315:2024	
586.	Test		Cl. 12 of 3315:2024	

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	<b>Domestic Electrical Appliances</b>		
587.		Additional requirements for ECO-MARK	Cl. 13 of 3315:2024
588.		Storage	Cl. 14 of 3315:2024
589.		Marking and information	Cl. 15 of 3315:2024
590.		General Requirement	Cl. 4 of IEC60335-2- 5:2012+ A1: 2018, IEC 60335-2-10:2021, IEC 60335-2-16:2022, IEC 60335-2-17:2022, IEC 60335-2-6:2024, IEC 60335-2-11:2024
591.	Household and similar electrical appliances –Safety: Particular requirements for dishwashers, Floor treatment machines and wet scrubbing machines, food waste disposers, for blankets, pads, clothing and similar flexible heating appliances, for stationary cooking ranges, hobs, ovens and similar appliances	General Condition for the Test	Cl. 5 of IEC60335-2- 5:2012+A1: 2018, IEC 60335-2-10:2021, IEC 60335-2-16:2022, IEC 60335-2-17:2022, IEC 60335-2-6:2024, IEC 60335-2-11:2024
592.		Classification	Cl. 6 IEC60335-2- 5:2012+A1: 2018, IEC 60335-2-10:2021, IEC 60335-2-16:2022, IEC 60335-2-17:2022, IEC 60335-2-6:2024, IEC 60335-2-11:2024
593.		Marking and Instruction	Cl. 7 of IEC60335-2- 5:2012+A1:2018, IEC 60335-2-10:2021, IEC 60335-2-16:2022, IEC 60335-2-17:2022, IEC 60335-2-6:2024, IEC 60335-2-11:2024

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Electrical Testing			
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	<b>Domestic Electrical Appliances</b>		
594.		Protection against electric shock	Cl. 8 of IEC60335-2-5:2012+A1:2018, IEC 60335-2-10:2021, IEC 60335-2-16:2022, IEC 60335-2-17:2022, IEC 60335-2-6:2024, IEC 60335-2-11:2024
595.		Power Input and current	Cl. 10 of IEC60335-2-5:2012+A1:2018, IEC 60335-2-10:2021, IEC 60335-2-16:2022, IEC 60335-2-17:2022, IEC 60335-2-6:2024, IEC 60335-2-11:2024
596.		Heating/ Temperature Rise Test	Cl. 11 of IEC60335-2-5:2012+A1:2018, IEC 60335-2-10:2021, IEC 60335-2-16:2022, IEC 60335-2-17:2022, IEC 60335-2-6:2024, IEC 60335-2-11:2024
597.		Charging of metal- ion batteries	Cl. 12 of IEC 60335-2- 10:2021, IEC 60335-2-16:2022, IEC 60335-2-17:2022, IEC 60335-2- 6:2024, IEC 60335-2-11:2024
598.		Leakage Current and Electric Strength at Operating Temperature	Cl. 13 of IEC60335-2-5:2012+A1:2018, IEC 60335-2-10:2021, IEC 60335-2-16:2022,

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	<b>Domestic Electrical Appliances</b>		
599.		Transient Over voltage	IEC 60335-2-17:2022, IEC 60335-2-6:2024, IEC 60335-2-11:2024 Cl. 14 of IEC60335-2-5:2012+A1:2018, IEC 60335-2-10:2021, IEC 60335-2-16:2022, IEC 60335-2-17:2022, IEC 60335-2-6:2024, IEC 60335-2-11:2024
600.		Moisture resistance	Cl. 15 of IEC60335-2-5:2012+A1:2018, IEC 60335-2-10:2021, IEC 60335-2-16:2022, IEC 60335-2-17:2022, IEC 60335-2-6:2024, IEC 60335-2-11:2024
601.		Leakage current and electric strength	Cl. 16 of IEC60335-2-5:2012+A1:2018, IEC 60335-2-10:2021, IEC 60335-2-16:2022, IEC 60335-2-17:2022, IEC 60335-2-6:2024, IEC 60335-2-11:2024
602.		Overload Protection of Transformer and Associated Circuits	Cl. 17 of IEC60335-2-5:2012+A1:2018, IEC 60335-2-10:2021, IEC 60335-2-16:2022, IEC 60335-2-17:2022, IEC 60335-2-6:2024, IEC 60335-2-11:2024
603.		Abnormal Operation	Cl. 19 of IEC60335-2-5:2012+A1:2018, IEC 60335-2-

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	<b>Domestic Electrical Appliances</b>		
			10:2021, IEC 60335-2-16:2022, IEC 60335-2-17:2022, IEC 60335-2-6:2024, IEC 60335-2-11:2024
604.		Stability and Mechanical Hazards	Cl. 20 of IEC60335-2-5:2012+A1:2018, IEC 60335-2-10:2021, IEC 60335-2-16:2022, IEC 60335-2-17:2022, IEC 60335-2-6:2024, IEC 60335-2-11:2024
605.		Mechanical strength	Cl. 21 of IEC60335-2-5:2012+A1:2018, IEC 60335-2-10:2021, IEC 60335-2-16:2022, IEC 60335-2-17:2022, IEC 60335-2-6:2024, IEC 60335-2-11:2024
606.		Construction	Cl. 22 of IEC60335-2-5:2012+A1:2018, IEC 60335-2-10:2021, IEC 60335-2-16:2022, IEC 60335-2-17:2022, IEC 60335-2-6:2024, IEC 60335-2-11:2024
607.		Internal Wiring	Cl. 23 of IEC60335-2-5:2012+A1:2018, IEC 60335-2-10:2021, IEC 60335-2-16:2022, IEC 60335-2-17:2022, IEC 60335-2-6:2024, IEC 60335-2-11:2024

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	<b>Domestic Electrical Appliances</b>		
608.		Components (Verification Only)	Cl. 24 of IEC60335-2-5:2012+A1:2018, IEC 60335-2-10:2021, IEC 60335-2-16:2022, IEC 60335-2-17:2022, IEC 60335-2-6:2024, IEC 60335-2-11:2024
609.		Supply Connection and External Flexible Cords	Cl. 25 of IEC60335-2-5:2012+A1:2018, IEC 60335-2-10:2021, IEC 60335-2-16:2022, IEC 60335-2-17:2022, IEC 60335-2-6:2024, IEC 60335-2-11:2024
610.		Terminals for external conductors	Cl. 26 of IEC60335-2-5:2012+A1:2018, IEC 60335-2-10:2021, IEC 60335-2-16:2022, IEC 60335-2-17:2022, IEC 60335-2-6:2024, IEC 60335-2-11:2024
611.		Provision for earthing	Cl. 27 of IEC60335-2-5:2012+A1:2018, IEC 60335-2-10:2021, IEC 60335-2-16:2022, IEC 60335-2-17:2022, IEC 60335-2-6:2024, IEC 60335-2-11:2024

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	<b>Domestic Electrical Appliances</b>		
612.		Screws and Connections	Cl. 28 of IEC60335-2-5:2012+A1:2018, IEC 60335-2-10:2021, IEC 60335-2-16:2022, IEC 60335-2-17:2022, IEC 60335-2-6:2024, IEC 60335-2-11:2024
613.		Creepage distance & clearances / Clearances, Creepage distances and solid insulations	Cl. 29 of IEC60335-2-5:2012+A1:2018, IEC 60335-2-10:2021, IEC 60335-2-16:2022, IEC 60335-2-17:2022, IEC 60335-2-6:2024, IEC 60335-2-11:2024
614.		Resistance to Heat and Fire	Cl. 30 of IEC60335-2-5:2012+A1:2018, IEC 60335-2-10:2021, IEC 60335-2-16:2022, IEC 60335-2-17:2022, IEC 60335-2-6:2024, IEC 60335-2-11:2024
615.		Resistance to Rusting	Cl. 31 of IEC60335-2-5:2012+A1:2018, IEC60335-2-10:2021, IEC 60335-2-16:2022, IEC 60335-2-17:2022, IEC 60335-2-6:2024, IEC 60335-2-11:2024

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	<b>Domestic Electrical Appliances</b>		
616.		Radiation, Toxicity and Similar Hazards	Cl. 32 of IEC60335-2- 5:2012+ A1:2018, IEC 60335-2-10:2021, IEC 60335-2-16:2022, IEC 60335-2-17:2022, IEC 60335-2-6:2024, IEC60335-2-11:2024
617.		General Requirement	Cl. 4 of IEC 60335-2-27:2024, IEC 60335-2- 23:2016+A1, IEC 60335-2-113:2016+A1
618.		General Condition for the Test	Cl. 5 of IEC 60335-2- 27:2024, IEC 60335-2-23:2016+A1, IEC 60335-2-113:2016+A1
619.	Household and similar electrical appliances - Safety: Particular requirements for appliances for skin exposure to optical radiation, for cosmetic and beauty care appliances incorporating lasers and intense light sources	Classification	Cl. 6 of IEC 60335-2- 27:2024, IEC 60335-2-23:2016+A1, IEC 60335-2-113:2016+A1
620.		Marking and Instruction	Cl. 7 of IEC 60335-2-27:2024, IEC 60335-2-23:2016+A1, IEC 60335-2-113:2016+A1
621.		Protection against electric shock	Cl. 8 of IEC 60335-2- 27:2024, IEC 60335-2- 23:2016+A1, IEC 60335-2-113:2016+A1
622.		Power Input and current	Cl. 10 of IEC 60335-2- 27:2024, IEC 60335-2- 23:2016+A1, IEC 60335-2-113:2016+A1

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	<b>Domestic Electrical Appliances</b>		
623.		Heating/ Temperature Rise Test	Cl. 11 of IEC 60335-2- 27:2024, IEC 60335-2- 23:2016+A1, IEC 60335-2-113:2016+A1
624.		Charging of metal- ion batteries	Cl. 12 of IEC 60335-2- 27:2024
625.		Leakage Current and Electric Strength at Operating Temperature	Cl. 13 of IEC 60335-2- 27:2024, IEC 60335-2- 23:2016+A1, IEC 60335-2- 113:2016+A1
626.		Transient Over voltage	Cl. 14 of IEC 60335-2- 27:2024, IEC 60335-2- 23:2016+A1, IEC 60335-2-113:2016+A1
627.	Household and similar electrical appliances - Safety: Particular requirements for appliances for skin exposure to optical radiation, for cosmetic and beauty care appliances incorporating lasers and intense light sources	Moisture resistance	Cl. 15 of IEC 60335-2-27:2024, IEC 60335-2-23:2016+A1, IEC 60335-2-113:2016+A1
628.		Leakage current and electric strength	Cl. 16 of IEC 60335-2-27:2024, IEC 60335-2-23:2016+A1, IEC 60335-2-113:2016+A1
629.		Overload Protection of Transformer and Associated Circuits	Cl. 17 of IEC 60335-2-27:2024, IEC 60335-2-23:2016+A1, IEC 60335-2-113:2016+A1
630.		Abnormal Operation	Cl. 19 of IEC 60335-2-27:2024, IEC 60335-2-23:2016+A1, IEC 60335-2-113:2016+A1
631.		Stability and Mechanical Hazards	Cl. 20 of IEC 60335-2-27:2024, IEC 60335-2-23:2016+A1, IEC

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	<b>Domestic Electrical Appliances</b>		
			60335-2-113:2016+A1
632.		Mechanical strength	Cl. 21 of IEC 60335-2-27:2024, IEC 60335-2-23:2016+A1, IEC 60335-2-113:2016+A1
633.		Construction	Cl. 22 of IEC 60335-2-27:2024, IEC 60335-2-23:2016+A1, IEC 60335-2-113:2016+A1
634.		Internal Wiring	Cl. 23 of IEC 60335-2-27:2024, IEC 60335-2-23:2016+A1, IEC 60335-2-113:2016+A1
635.	Household and similar electrical appliances - Safety: Particular requirements for appliances for skin exposure to optical radiation, for cosmetic and beauty care appliances incorporating lasers and intense light sources	Components (Verification Only)	Cl. 24 of IEC 60335-2-27:2024, IEC 60335-2-23:2016+A1, IEC 60335-2-113:2016+A1
636.		Supply Connection and External Flexible Cords	Cl. 25 of IEC 60335-2-27:2024, IEC 60335-2-23:2016+A1, IEC 60335-2-113:2016+A1
637.		Terminals for external conductors	Cl. 26 of IEC 60335-2-27:2024, IEC 60335-2-23:2016+A1, IEC 60335-2-113:2016+A1
638.		Provision for earthing	Cl. 27 of IEC 60335-2-27:2024, IEC 60335-2-23:2016+A1, IEC 60335-2-113:2016+A1
639.		Screws and Connections	Cl. 28 of IEC 60335-2-27:2024, IEC 60335-2-

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			23:2016+A1, IEC 60335-2-113:2016+A1
640.		Creepage distance & clearances / Clearances, Creepage distances and solid insulations	Cl. 29 of IEC 60335-2-27:2024, IEC 60335-2-23:2016+A1, IEC 60335-2-113:2016+A1
641.	Household and similar electrical appliances - Safety: Particular requirements for appliances for skin exposure to optical radiation, for cosmetic and beauty care appliances incorporating lasers and intense light sources	Resistance to Heat and Fire	Cl. 30 of IEC 60335-2-27:2024, IEC 60335-2-23:2016+A1, IEC 60335-2-113:2016+A1
642.		Resistance to Rusting	Cl. 31 of IEC 60335-2-27:2024, IEC 60335-2-23:2016+A1, IEC 60335-2-113:2016+A1
643.		Radiation, Toxicity and Similar Hazards	Cl. 32 of IEC 60335-2-27:2024, IEC 60335-2-23:2016+A1, IEC 60335-2-113:2016+A1

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Electrical Testing			
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	<b>Domestic Electrical Appliances</b>		
644.	Household and similar electrical appliances –Safety: Particular requirements for amusement machines and personal service machines, for toilet appliances, Shavers, Hair Clippers and Similar Appliances, Portable Immersion Heaters, for deep fat fryers, frying pans and similar Appliances, for commercial electric forced convection ovens, steam cookers and steam- convection ovens, Insect Killers, Appliances for skin exposure to optical radiation, Electric Iron	General Requirement	Cl. 4 of IEC 60335-2- 82:2024, IEC 60335-2-84:2019, IS 302 (Part 2 Sec 8): 2024, IEC 60335-2-8: 2022, IS 302: Part 2: Sec 74:2024 (IEC 60335-2-74:2021, IS 302: Part 2: Sec 13: 2024 (IEC 60335-2-13: 2021), IS 302: Part 2: Sec 42:2024 (IEC 60335-2-42: 2021+A1), IS 302: Part 2: Sec 59: 2024 (IEC 60335-2-59:2021), IS 302: Part 2: Sec 3: 2024 (IEC 60335-2-3: 2022)
645.	Household and similar electrical appliances –Safety: Particular requirements for amusement machines and personal service machines, for toilet appliances, Shavers, Hair Clippers and Similar Appliances, Portable Immersion Heaters, for deep fat fryers, frying pans and similar Appliances, for commercial electric forced	General Condition for the Test	Cl. 5 of IEC 60335-2- 82:2024, IEC 60335-2-84:2019, IS 302 (Part 2 Sec 8): 2024, IEC 60335-2-8: 2022, IS 302: Part 2: Sec 74: 2024 (IEC 60335-2-74: 2021, IS 302: Part 2: Sec 13: 2024 (IEC 60335-2-13: 2021), IS 302: Part 2: Sec 42: 2024 (IEC 60335-2-42: 2021+A1), IS 302: Part 2: Sec 59:

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	<b>Domestic Electrical Appliances</b>		
	convection ovens, steam cookers and steam- convection ovens, Insect Killers, Appliances for skin exposure to optical radiation, Electric Iron		2024 (IEC 60335-2-59: 2021), IS 302: Part 2: Sec 3: 2024 (IEC 60335-2-3: 2022)
646.		Classification	Cl. 6 of IEC 60335-2-82:2024, IEC 60335-2-84:2019, IS 302 (Part 2 Sec 8): 2024, IEC 60335-2-8: 2022, IS 302: Part 2: Sec 74: 2024 (IEC 60335-2-74:2021, IS 302: Part 2:Sec 13: 2024 (IEC 60335-2-13: 2021), IS 302: Part 2: Sec 42:2024 (IEC 60335-2-42:2021+A1), IS 302: Part 2: Sec 59: 2024 (IEC 60335-2-59:2021), IS 302: Part 2: Sec 3:2024 (IEC 60335-2-3:2022)
647.		Marking and Instruction	Cl. 7 of IEC 60335-2-82:2024, IEC 60335-2-84:2019, IS 302 (Part 2 Sec 8): 2024, IEC 60335-2-8: 2022, IS 302: Part 2: Sec 74:2024 (IEC 60335-2-74:2021, IS 302:

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\*Scope Amended w.e.f.: 04 September 2025

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Accreditation Standard: ISO/IEC 17025:2017

Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	<b>Domestic Electrical Appliances</b>		
			Part 2: Sec 13: 2024 (IEC 60335-2-13: 2021), IS 302: Part 2: Sec 42: 2024 (IEC 60335-2-42: 2021+A1), IS 302: Part 2: Sec 59: 2024 (IEC 60335-2-59: 2021), IS 302: Part 2: Sec 3: 2024 (IEC 60335-2-3: 2022)
648.	Household and similar electrical appliances –Safety: Particular requirements for amusement machines and personal service machines, for toilet appliances, Shavers, Hair Clippers and Similar Appliances, Portable Immersion Heaters, for deep fat fryers, frying pans and similar Appliances, for commercial electric forced	Protection against electric shock	Cl. 8 of IEC 60335-2-82:2024, IEC 60335-2-84:2019, IS 302 (Part 2 Sec 8): 2024, IEC 60335-2-8: 2022, IS 302: Part 2: Sec 74:2024 (IEC 60335-2-74:2021, IS 302: Part 2: Sec 13: 2024 (IEC 60335-2-13: 2021), IS 302: Part 2: Sec 42: 2024 (IEC 60335-2-42: 021+A1), IS 302: Part 2: Sec 59:2024 (IEC 60335-2-59: 2021), IS 302: Part 2: Sec 3: 2024 (IEC 60335-2-3: 2022)
649.	convection ovens, steam cookers and steam- convection ovens, Insect Killers, Appliances for skin exposure to optical radiation, Electric Iron	Starting for motor operated appliances	Cl. 9 of IS302: Part 2: Sec 42: 2024 (IEC 60335-2-42: 2021+A1)
650.		Power Input and current	Cl. 10 of IEC 60335-2-82:2024, IEC 60335-2-84:2019, IS 302 (Part 2 Sec 8): 2024, IEC 60335-2-8: 2022, IS 302: Part 2: Sec 74:2024 (IEC 60335-2-74:2021, IS 302: Part 2:Sec 13: 2024 (IEC60335-2-13: 2021), IS 302: Part 2: Sec

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Accreditation Standard: ISO/IEC 17025:2017

Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	<b>Domestic Electrical Appliances</b>		
			42:2024 (IEC 60335-2-42:2021 +A1), IS 302: Part 2: Sec 59: 2024 (IEC 60335-2-59:2021), IS302: Part 2: Sec 3: 2024 (IEC 60335-2-3: 2022)
651.	Household and similar electrical appliances –Safety: Particular requirements for amusement machines and personal service machines, for toilet appliances, Shavers, Hair Clippers and Similar Appliances, Portable Immersion Heaters, for deep fat fryers, frying pans and similar Appliances, for commercial electric forced convection ovens, steam cookers and steam- convection ovens, Insect Killers, Appliances for skin exposure to optical radiation, Electric Iron	Heating/ Temperature Rise Test	Cl. 11 of IEC 60335-2-82:2024, IEC 60335-2-84:2019, IS 302 (Part 2 Sec 8): 2024, IEC 60335-2-8: 2022, IS 302: Part 2: Sec 74:2024 (IEC 60335-2-74:2021, IS 302: Part 2: Sec 13: 2024 (IEC60335-2-13: 2021), IS 302: Part 2: Sec 42:2024 (IEC 60335-2-42:2021 +A1), IS 302: Part 2: Sec 59: 2024 (IEC 60335-2-59:2021), IS 302: Part 2: Sec 3:2024 (IEC 60335-2-3:2022)
652.		Charging of metal- ion batteries	Cl. 12 of IEC 60335-2-82:2024, IS 302 (Part 2 Sec 8): 2024, IEC 60335-2-8: 2022, IS 302: Part 2: Sec 74:2024 (IEC 60335-2-74: 2021, IS 302: Part 2: Sec 13: 2024 (IEC60335-2-13: 2021), IS 302: Part 2: Sec 59: 2024 (IEC 60335-2-59:2021), IS 302: Part 2: Sec 3: 2024 (IEC 60335-2-3: 2022)

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	<b>Domestic Electrical Appliances</b>		
653.	Household and similar electrical appliances –Safety: Particular requirements for amusement machines and personal service machines, for toilet appliances, Shavers, Hair Clippers and Similar Appliances, Portable Immersion Heaters, for deep fat fryers, frying pans and similar Appliances, for commercial electric forced convection ovens, steam cookers and steam- convection ovens, Insect Killers, Appliances for skin exposure to optical radiation, Electric Iron	Leakage Current and Electric Strength at Operating Temperature	Cl. 13 of IEC 60335-2-82:2024, IEC 60335-2-84:2019, IS 302 (Part 2 Sec 8): 2024, IEC 60335-2-8: 2022, IS 302: Part 2: Sec 74:2024 (IEC 60335-2-74: 2021, IS 302: Part 2: Sec 13: 2024 (IEC 60335-2-13: 2021), IS 302 : Part 2: Sec 42:2024 (IEC 60335-2-42:2021+A1), IS 302: Part 2: Sec 59: 2024 (IEC 60335-2-59: 2021), IS 302: Part 2: Sec 3: 2024 (IEC 60335-2-3: 2022)
654.		Transient Over voltage	Cl. 14 of IEC 60335-2- 82:2024, IEC 60335-2-84:2019, IS 302 (Part 2 Sec 8): 2024, IEC 60335-2-8: 2022, IS 302: Part 2: Sec 74:2024 (IEC 60335-2-74:2021, IS 302: Part 2: Sec 13: 2024 (IEC 60335-2-13: 2021), IS 302: Part 2: Sec 42: 2024 (IEC 60335-2-42:2021+A1), IS 302: Part 2: Sec 59:2024 (IEC 60335-2-59:2021), IS 302: Part 2: Sec 3: 2024 (IEC 60335-2-3: 2022)

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	<b>Domestic Electrical Appliances</b>		
655.	Household and similar electrical appliances –Safety: Particular requirements for amusement machines and personal service machines, for toilet appliances, Shavers, Hair Clippers and Similar Appliances, Portable Immersion Heaters, for deep fat fryers, frying pans and similar Appliances, for commercial electric forced convection ovens, steam cookers and steam- convection ovens, Insect Killers, Appliances for skin exposure to optical radiation, Electric Iron	Moisture resistance	Cl. 15 of IEC 60335-2-82:2024, IEC 60335-2-84:2019, IS 302 (Part 2 Sec 8): 2024, IEC 60335-2-8: 2022, IS 302: Part 2: Sec 74:2024 (IEC 60335-2-74:2021, IS 302: Part 2: Sec 13: 2024 (IEC60335-2-13: 2021), IS 302: Part 2: Sec 42:2024 (IEC 60335-2-42: 2021+A1), IS 302: Part 2: Sec 59: 2024 (IEC 60335-2-59:2021), IS 302: Part 2: Sec 3:2024 (IEC 60335-2-3:2022)
656.		Leakage current and electric strength	Cl. 16 of IEC 60335-2-82:2024, IEC 60335-2-84:2019, IS 302 (Part 2Sec 8): 2024, IEC 60335-2-8: 2022, IS 302: Part 2: Sec 74:2024 (IEC 60335-2-74:2021, IS 302: Part 2: Sec 13: 2024 (IEC 60335-2-13: 2021), IS 302: Part 2: Sec 42:2024 (IEC 60335-2-42:2021+A1),IS 302: Part 2: Sec 59:2024 (IEC 60335-2-59:2021), IS 302: Part 2: Sec 3: 2024 (IEC 60335-2-3: 2022)

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	<b>Domestic Electrical Appliances</b>		
657.	Household and similar electrical appliances –Safety: Particular requirements for amusement machines and personal service machines, for toilet appliances, Shavers, Hair Clippers and Similar Appliances, Portable Immersion Heaters, for deep fat fryers, frying pans and similar Appliances, for commercial electric forced convection ovens, steam cookers and steam- convection ovens, Insect Killers, Appliances for skin exposure to optical radiation, Electric Iron	Overload Protection Of Transformer And Associated Circuits	Cl. 17 of IEC 60335-2- 82:2024, IEC 60335-2- 84:2019, IS 302 (Part 2 Sec 8): 2024, IEC 60335-2-8: 2022, IS 302: Part 2: Sec 74:2024 (IEC 60335-2-74:2021, IS 302: Part 2: Sec 13: 2024 (IEC 60335-2-13: 2021), IS 302: Part 2: Sec 42:2024 (IEC 60335-2-42:2021+A1), IS 302: Part 2: Sec 59: 2024 (IEC 60335-2-59: 2021), IS 302: Part 2: Sec 3: 2024 (IEC 60335-2-3: 2022)
658.		Endurance	Cl. 18 of IS 302: Part 2: Sec 42: 2024 (IEC 60335-2-42: 2021+A1)
659.		Abnormal Operation	Cl. 19 of IEC 60335-2-82:2024, IEC 60335-2-84:2019, IS 302 (Part 2 Sec 8): 2024, IEC 60335-2-8: 2022, IS 302: Part 2: Sec 74:2024 (IEC 60335-2-74: 2021, IS 302: Part 2: Sec 13: 2024 (IEC 60335-2-13: 2021), IS 302: Part 2: Sec 42: 2024 (IEC 60335-2-42: 2021+A1), IS 302: Part 2: Sec 59:2024 (IEC 60335-2-59:2021), IS 302: Part 2: Sec 3: 2024, (IEC 60335-2-3:2022)

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	<b>Domestic Electrical Appliances</b>		
660.	Household and similar electrical appliances –Safety: Particular requirements for amusement machines and personal service machines, for toilet appliances, Shavers, Hair Clippers and Similar Appliances, Portable Immersion Heaters, for deep fat fryers, frying pans and similar Appliances, for commercial electric forced convection ovens, steam cookers and steam- convection ovens, Insect Killers, Appliances for skin exposure to optical radiation, Electric Iron	Stability and Mechanical Hazards	Cl. 20 of IEC 60335-2- 82:2024, IEC 60335-2-84:2019, IS 302 (Part 2 Sec 8): 2024, IEC 60335-2-8: 2022, IS 302: Part 2: Sec 74: 2024 (IEC 60335-2-74:2021, IS 302: Part 2: Sec 13: 2024 (IEC 60335-2-13: 2021), IS 302: Part2: Sec 42: 2024 (IEC 60335-2-42: 2021+A1), IS 302: Part 2: Sec 59: 2024 (IEC 60335-2-59: 2021), IS 302: Part 2: Sec 3: 2024 (IEC 60335-2-3: 2022)
661.		Mechanical strength	Cl. 21 of IEC 60335-2- 82:2024, IEC 60335-2- 84:2019, IS 302 (Part 2 Sec 8): 2024, IEC 60335-2-8: 2022, IS 302: Part 2: Sec 74: 2024 (IEC 60335-2-74: 2021, IS 302: Part 2: Sec 13: 2024 (IEC 60335-2- 13: 2021), IS 302: Part 2: Sec 42: 2024 (IEC 60335-2-42: 2021+A1), IS 302: Part 2: Sec 59:2024 (IEC 60335-2-59: 2021), IS 302: Part 2: Sec 3: 2024 (IEC 60335-2-3: 2022)

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	<b>Domestic Electrical Appliances</b>		
662.	Household and similar electrical appliances –Safety: Particular requirements for amusement machines and personal service machines, for toilet appliances, Shavers, Hair Clippers and Similar Appliances, Portable Immersion Heaters, for deep fat fryers, frying pans and similar Appliances, for commercial electric forced convection ovens, steam cookers and steam- convection ovens, Insect Killers, Appliances for skin exposure to optical radiation, Electric Iron	Construction	Cl. 22 of IEC 60335-2- 82:2024, IEC 60335-2- 84:2019, IS 302 (Part 2 Sec 8): 2024, IEC 60335-2-8: 2022, IS 302: Part 2: Sec 74: 2024 (IEC 60335-2-74: 2021, IS 302: Part 2: Sec 13: 2024 (IEC 60335-2- 13: 2021), IS 302: Part 2: Sec 42: 2024 (IEC 603 35-2-42: 2021+A1), IS 302: Part 2: Sec 59:2024 (IEC 60335-2-59: 2021), IS 302: Part 2: Sec 3: 2024 (IEC 60335-2-3: 2022)
663.		Internal Wiring Components (Verification Only)	Cl. 23 of IEC 60335-2- 82:2024, IEC 60335-2- 84:2019, IS 302 (Part 2 Sec 8): 2024, IEC 60335-2-8: 2022, IS 302: Part 2: Sec 74: 2024 (IEC 60335-2-74: 2021, IS 302: Part 2: Sec 13: 2024 (IEC 60335-2-13: 2021), IS 302: Part 2: Sec 42: 2024 (IEC 60335-2-42: 2021+A1), IS 302: Part 2: Sec 59: 2024 (IEC 60335-2-59: 2021), IS 302: Part 2: Sec 3: 2024 (IEC 60335-2-3: 2022)

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	<b>Domestic Electrical Appliances</b>		
664.	Household and similar electrical appliances –Safety: Particular requirements for amusement machines and personal service machines, for toilet appliances, Shavers, Hair Clippers and Similar Appliances, Portable Immersion Heaters, for deep fat fryers, frying pans and similar Appliances, for commercial electric forced convection ovens, steam cookers and steam- convection ovens, Insect Killers, Appliances for skin exposure to optical radiation, Electric Iron	Internal Wiring Components (Verification Only)	Cl. 24 of IEC 60335-2- 82:2024, IEC 60335-2-84:2019, IS 302 (Part 2 Sec 8): 2024, IEC 60335-2-8: 2022, IS 302: Part 2: Sec 74: 2024 (IEC 60335-2-74: 2021, IS 302: Part 2: Sec 13: 2024 (IEC 60335-2-13: 2021), IS 302: Part2: Sec 42: 2024 (IEC 60335-2-42: 2021+A1), IS 302: Part 2: Sec 59: 2024 (IEC 60335-2-59:2021), IS 302: Part 2: Sec 3: 2024(IEC 60335-2-3: 2022)
665.		Supply Connection and External Flexible Cords	Cl. 25 of IEC 60335-2- 82:2024, IEC 60335-2-84:2019, IS 302 (Part 2 Sec 8): 2024, IEC 60335-2-8: 2022, IS 302: Part 2: Sec 74:2024 (IEC 60335-2-74: 2021, IS 302: Part 2: Sec 13: 2024 (IEC 60335-2-13: 2021), IS 302: Part 2: Sec 42: 2024 (IEC 60335-2-42: 2021+A1), IS 302: Part 2: Sec 59:2024 (IEC 60335-2-59: 2021), IS 302: Part 2: Sec 3: 2024 (IEC 60335-2-3:2022)
666.		Terminals for external conductors	Cl. 26 of IEC 60335-2-82:2024, IEC 60335-2-84:2019, IS 302 (Part

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Electrical Testing			
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	<b>Domestic Electrical Appliances</b>		
			2 Sec 8): 2024, IEC 60335-2-8: 2022, IS 302: Part 2: Sec 74:2024 (IEC 60335-2-74:2021, IS 302: Part 2: Sec13: 2024 (IEC 60335-2-13: 2021), IS 302: Part 2: Sec 42: 2024 (IEC 60335-2-42: 2021+A1), IS 302: Part 2: Sec 59:2024 (IEC 60335-2-59:2021), IS 302: Part 2: Sec 3: 2024 (IEC 60335-2-3: 2022)
667.	Household and similar electrical appliances –Safety: Particular requirements for amusement machines and personal service machines, for toilet appliances, Shavers, Hair Clippers and Similar Appliances, Portable Immersion Heaters, for deep fat fryers, frying pans and similar Appliances, for commercial electric forced convection ovens, steam cookers and steam- convection ovens, Insect Killers, Appliances for skin exposure to optical radiation, Electric Iron	Provision for earthing	Cl. 27 of IEC 60335-2- 82:2024, IEC 60335-2-84:2019, IS 302 (Part 2 Sec 8): 2024, IEC 60335-2-8: 2022, IS 302: Part 2: Sec 74: 2024 (IEC 60335-2-74: 2021, IS 302: Part 2: Sec13: 2024 (IEC 60335-2-13: 2021), IS 302: Part 2: Sec 42: 2024 (IEC 60335-2-42: 2021+A1), IS 302: Part 2: Sec 59: 2024 (IEC 60335-2-59:2021), IS 302: Part 2: Sec 3: 2024 (IEC 60335-2-3: 2022)
668.		Screws and Connections	Cl. 28 of IEC 60335-2-82:2024, IEC 60335-2-84:2019, IS 302 (Part 2 Sec 8): 2024, IEC 60335-2-8: 2022, IS 302: Part 2: Sec 74:2024 (IEC 60335-2-74:2021, IS 302: Part 2: Sec 13: 2024 (IEC 60335-2-

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	<b>Domestic Electrical Appliances</b>		
			13: 2021), IS 302: Part 2: Sec 42: 2024 (IEC 60335-2-42: 2021+A1), IS 302: Part 2: Sec 59:2024 (IEC 60335-2-59: 2021), IS 302: Part 2: Sec 3: 2024 (IEC 60335-2-3: 2022)
669.	Household and similar electrical appliances –Safety: Particular requirements for amusement machines and personal service machines, for toilet appliances, Shavers, Hair Clippers and Similar Appliances, Portable Immersion Heaters, for deep fat fryers, frying pans and similar Appliances, for commercial electric forced convection ovens, steam cookers and steam- convection ovens, Insect Killers, Appliances for skin exposure to optical radiation, Electric Iron	Creepage distance & clearances / Clearances, Creepage distances and solid insulations	Cl. 29 of IEC 60335-2-82:2024, IEC 60335-2- 84:2019, IS 302 (Part 2 Sec 8): 2024, IEC 60335-2-8: 2022, IS 302: Part 2: Sec 74: 2024 (IEC 60335-2-74:2021, IS 302: Part 2: Sec 13: 2024 (IEC 60335-2-13: 2021), IS 302: Part 2: Sec 42: 2024 (IEC 60335-2-42: 2021+A1), IS 302: Part 2: Sec 59:2024 (IEC 60335-2-59: 2021), IS 302: Part 2: Sec 3: 2024 (IEC 60335-2-3: 2022)
670.		Resistance to Heat and Fire	Cl. 30 of IEC 60335-2-82:2024, IEC 60335-2-84:2019, IS 302 (Part 2 Sec 8): 2024, IEC 60335-2-8: 2022, IS 302: Part 2: Sec 74: 2024 (IEC 60335-2-74: 2021, IS 302: Part 2: Sec 13: 2024 (IEC 60335-2-13: 2021), IS 302: Part 2: Sec 42: 2024 (IEC 60335-2-42: 2021+A1), IS 302: Part 2: Sec 59: 2024 (IEC

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	<b>Domestic Electrical Appliances</b>		
			60335-2-59: 2021), IS 302: Part 2: Sec 3: 2024(IEC 60335-2-3: 2022)
671.		Resistance to Rusting	Cl. 31 of IEC 60335-2-82:2024, IEC 60335-2-84:2019, IS 302 (Part 2 Sec 8): 2024, IEC 60335-2-8: 2022, IS 302: Part 2: Sec 74:2024 (IEC 60335-2-74: 2021, IS 302: Part 2: Sec 13: 2024 (IEC 60335-2-13: 2021), IS 302: Part 2: Sec 42: 2024 (IEC 60335-2-42: 2021+A1), IS 302: Part 2: Sec 59: 2024 (IEC 60335-2-59: 2021), IS 302: Part 2: Sec 3: 2024 (IEC 60335-2-3: 2022)
672.		Radiation, Toxicity and Similar Hazards	Cl. 32 of IEC 60335-2- 82:2024, IEC 60335-2-84:2019, IS 302 (Part 2 Sec 8): 2024, IEC 60335-2-8: 2022, IS 302: Part 2: Sec 74: 2024 (IEC 60335-2-74:2021, IS 302: Part 2: Sec 13: 2024 (IEC 60335-2-13: 2021), IS 302: Part 2: Sec 42: 2024 (IEC 60335-2-42: 2021+A1), IS 302: Part 2: Sec 59: 2024 (IEC 60335-2-59: 2021),IS 302: Part 2: Sec 3: 2024 (IEC 60335-2-3: 2022)

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*Scope of Accreditation*

*Classic Testing & Research Centre*

B-17, Sector-65,

Noida-201301, Uttar Pradesh, India

QAI/CIA/TL/2024/0047

Valid from: 08 March 2024

\*Scope Amended w.e.f.: 04 September 2025

Valid until: 07 March 2026

*Accreditation Standard: ISO/IEC 17025:2017*

Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
<b>Domestic Electrical Appliances</b>			
673.	Household and similar electrical Appliances Safety: Particular for shavers, hair clippers and similar appliances, for appliances for skin exposure to optical radiation	Battery-operated appliances, separable batteries and detachable batteries for battery-operated appliances	Annex B of, IS 302 (Part 2 Sec 8): 2024, IEC 60335-2-8: 2022, IEC 60335-2-27:2024, IEC 60335-2-6:2024
674.	Household and similar electrical appliances - Safety - Part 2-27: Particular requirements for appliances for skin exposure to optical radiation	Ageing test on motors	Annex C of, IS 302 (Part 2 Sec 8): 2024, IEC 60335-2-8: 2022
675.	Household and similar electrical appliances - Safety - Part 2-27: Particular requirements for appliances for skin exposure to optical radiation	Measurement of luminance	Annex AA of IEC 60335-2-27:2024
676.	Household and similar electrical appliances - Particular requirements for commercial electric cooking ranges, ovens, hobs and hob elements, commercial electric doughnut fryers and deep fat fryers, commercial electric griddles and griddle grills, commercial electric boiling pans, commercial electric grillers and toasters, commercial electric appliances for keeping food and crockery warm, commercial electric bains-marie, oral hygiene appliances, commercial electric	General Requirement	Cl. 4 of IEC 60335-2-36:2021, IEC 60335-2-37:2021, IEC 60335-2-38:2021, IEC 60335-2-39:2021 +AMD1:2025, IEC 60335-2-43:2024, IEC 60335-2-47:2021+AMD1:2025, IEC 60335-2-48:2021, IEC 60335-2-49:2021, IEC 60335-2-50:2021, IEC 60335-2-52:2021, IEC 60335-2-64:2021+AMD1:2024, IEC 60335-2-60:2023, IEC 60335-2-67:2021, IEC 60335-2-2:2019, IEC 60335-2-32:2024, IEC 60335-2-45:2024, IEC 60335-2-66:2025, IEC 60335-2-73:2024, IEC 60335-

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Accreditation Standard: ISO/IEC 17025:2017

Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	<b>Domestic Electrical Appliances</b>		
	kitchen machines, whirlpool baths and whirlpool spas, floor treatment machines, for commercial use, vacuum cleaners and water-suction cleaning appliances, massage appliances, portable heating tools and similar appliances, water-bed heaters, Fixed immersion heaters, foot warmers and heating mats, outdoor barbecues, commercial electric hoods, humidifiers, commercial vacuum packaging appliances, skin beauty care appliances, furniture with electrically motorized parts, spin extractors		2-81:2024, IEC 60335-2-78:2021+AMD1:2025, IEC 60335-2-99:2021+AMD1:2025, IEC 60335-2-98:2023, IEC 60335-2-119:2021+AMD1:2025, IEC 60335-2-115:2021, IEC 60335-2-116:2019, IEC 60335-2-4:2023
677.		General Condition for the Test	Cl. 5 of IEC 60335-2-36:2021, IEC 60335-2-37:2021, IEC 60335-2-38:2021, IEC 60335-2-39:2021+AMD1:2025, IEC 60335-2-43:2024, IEC 60335-2-47:2021+AMD1:2025, IEC 60335-2-48:2021, IEC 60335-2-49:2021, IEC 60335-2-50:2021, IEC 60335-2-52:2021, IEC 60335-2-64:2021+AMD1:2024, IEC 60335-2-60:2023, IEC 60335-2-67:2021, IEC 60335-2-67:2021, IEC 60335-2-2:2019, IEC 60335-2-32:2024, IEC 60335-2-45:2024, IEC 60335-2-66:2025,

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
			IEC 60335-2-73:2024, IEC 60335-2-81:2024, IEC 60335-2-78:2021+AMD1:2025, IEC 60335-2-99:2021+AMD1:2025, IEC 60335-2-98:2023, IEC 60335-2-119:2021+AMD1:2025, IEC 60335-2-115:2021, IEC 60335-2-116:2019, IEC 60335-2-4:2023
678.		Classification	Cl. 6 of IEC 60335-2-36:2021, IEC 60335-2-37:2021, IEC 60335-2-38:2021, IEC 60335-2-39:2021+AMD1:2025, IEC 60335-2-43:2024, IEC 60335-2-47:2021+AMD1:2025, IEC 60335-2-48:2021, IEC 60335-2-49:2021, IEC 60335-2-50:2021, IEC 60335-2-52:2021, IEC 60335-2-60:2023, IEC 60335-2-67:2021, IEC 60335-2-2:2019, IEC 60335-2-32:2024, IEC 60335-2-45:2024, IEC 60335-2-66:2025, IEC 60335-2-73:2024,

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	<b>Domestic Electrical Appliances</b>		
			IEC 60335-2-81:2024, IEC 60335-2-78:2021+AMD1:2025, IEC 60335-2-99:2021+AMD1:2025, IEC 60335-2-98:2023, IEC 60335-2-119:2021+AMD1:2025, IEC 60335-2-115:2021, IEC 60335-2-116:2019, IEC 60335-2-4:2023
679.	Household and similar electrical appliances - Particular requirements for commercial electric cooking ranges, ovens, hobs and hob elements, commercial electric doughnut fryers and deep fat fryers, commercial electric griddles and griddle grills, commercial electric boiling pans, commercial electric grillers and toasters, commercial electric appliances for keeping food and crockery warm, commercial electric bains-marie, oral hygiene appliances, commercial electric kitchen machines, whirlpool baths and whirlpool spas, floor treatment machines, for commercial use, vacuum cleaners and water-suction	Marking and Instructions	Cl. 7 of IEC 60335-2-36:2021, IEC 60335-2-37:2021, IEC 60335-2-38:2021, IEC 60335-2-39:2021+AMD1:2025, IEC 60335-2-43:2024, IEC 60335-2-47:2021+AMD1:2025, IEC 60335-2-48:2021, IEC 60335-2-49:2021, IEC 60335-2-50:2021, IEC 60335-2-52:2021, IEC 60335-2-64:2021+AMD1:2024, IEC 60335-2-60:2023, IEC 60335-2-67:2021, IEC 60335-2-2:2019, IEC 60335-2-32:2024, IEC 60335-2-45:2024, IEC 60335-2-66:2025,

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	<b>Domestic Electrical Appliances</b>		
	cleaning appliances, massage appliances, portable heating tools and similar appliances, water-bed heaters, Fixed immersion heaters, foot warmers and heating mats, outdoor barbecues, commercial electric hoods, humidifiers, commercial		IEC 60335-2-73:2024, IEC 60335-2-81:2024, IEC 60335-2-78:2021+AMD1:2025, IEC 60335-2-98:2023, IEC 60335-2-119:2021 +AMD1:2025, IEC 60335-2-115:2021, IEC 60335-2-116:2019, IEC 60335-2-4:2023,
680.	vacuum packaging appliances, skin beauty care appliances, furniture with electrically motorized parts, spin extractors	Protection against electric shock/ Protection against access to live parts	Cl. 8 of IEC 60335-2-36:2021, IEC 60335-2-37:2021, IEC 60335-2-38:2021, IEC 60335-2-39:2021+AMD1:2025, IEC 60335-2-43:2024, IEC 60335-2-47:2021+AMD1:2025, IEC 60335-2-48:2021, IEC 60335-2-49:2021, IEC 60335-2-50:2021, IEC 60335-2-52:2021, IEC 60335-2-64:2021+AMD1:2024, IEC 60335-2-60:2023, IEC 60335-2-67:2021, IEC 60335-2-2:2019, IEC 60335-2-32:2024, IEC 60335-2-45:2024, IEC 60335-2-66:2025, IEC 60335-2-73:2024,

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	<b>Domestic Electrical Appliances</b>		
			IEC 60335-2-81:2024, IEC 60335-2-78:2021+AMD1: 2025, IEC 60335-2-99:2021+AMD1: 2025, IEC 60335-2-98:2023, IEC 60335-2-119:2021+AMD1:2025, IEC 60335-2-115:2021, IEC 60335-2-116:2019, IEC 60335-2-4:2023
681.	Household and similar electrical appliances - Particular requirements for commercial electric cooking ranges, ovens, hobs and hob elements, commercial electric doughnut fryers and deep fat fryers, commercial electric griddles and griddle grills, commercial electric boiling pans, commercial electric grillers and toasters, commercial electric appliances for keeping food and crockery warm, commercial electric bains-marie, oral hygiene appliances, commercial electric kitchen machines, whirlpool baths and whirlpool spas, floor treatment machines, for commercial use, vacuum cleaners and water-suction	Starting for motor operated appliances	Cl. 9 of IEC 60335-2-36:2021, IEC 60335-2-37:2021, IEC 60335-2-38:2021, IEC 60335-2-39:2021+AMD1: 2025, IEC 60335-2-47:2021+AMD1:2025, IEC 60335-2-48:2021, IEC 60335-2-49:2021, IEC 60335-2-50:2021, IEC 60335-2-64:2021+AMD1:2024, IEC 60335-2-67:2021, IEC 60335-2-99:2021+AMD1: 2025
682.		Power Input and current	Cl. 10 of IEC 60335-2-36:2021, IEC 60335-2-37:2021, IEC 60335-2-38:2021, IEC 60335-2-39:2021+AMD1:2025, IEC 60335-2-43:2024, IEC 60335-2-

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Accreditation Standard: ISO/IEC 17025:2017

Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	<b>Domestic Electrical Appliances</b>		
	cleaning appliances, massage appliances, portable heating tools and similar appliances, water-bed heaters, Fixed immersion heaters, foot warmers and heating mats, outdoor barbecues, commercial electric hoods, humidifiers, commercial vacuum packaging appliances, skin beauty care appliances, furniture with electrically motorized parts, spin extractors		47:2021+AMD1:2025, IEC 60335-2-48:2021, IEC 60335-2-49:2021, IEC 60335-2-50:2021, IEC 60335-2-52:2021, IEC 60335-2-64:2021+AMD1:2024, IEC 60335-2-60:2023, IEC 60335-2-67:2021, IEC 60335-2-2:2019, IEC 60335-2-32:2024, IEC 60335-2-45:2024, IEC 60335-2-66:2025, IEC 60335-2-73:2024, IEC 60335-2-81:2024, IEC 60335-2-8:2021+AMD1:2025, IEC 60335-2-99:2021+AMD1:2025, IEC 60335-2-98:2023, IEC 60335-2-119:2021+AMD1:2025, IEC 60335-2-115:2021, IEC 60335-2-116:2019, IEC 60335-2-4:2023
683.	Household and similar electrical appliances - Particular requirements for commercial electric cooking ranges, ovens, hobs and hob elements, commercial electric doughnut fryers and deep fat fryers, commercial electric griddles and griddle grills, commercial electric boiling pans, commercial electric	Heating/ Temperature Rise Test	Cl. 11 of IEC 60335-2-36:2021, IEC 60335-2-37:2021, IEC 60335-2-38:2021, IEC 60335-2-39:2021+AMD1:2025, IEC 60335-2-43:2024, IEC 60335-2-47:2021+AMD1:2025, IEC 60335-2-48:2021, IEC 60335-2-49:2021, IEC 60335-2-50:2021, IEC 60335-2-52:2021, IEC 60335-2-64:2021+

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	<b>Domestic Electrical Appliances</b>		
	grillers and toasters, commercial electric appliances for keeping food and crockery warm, commercial electric bains-marie, oral hygiene appliances, commercial electric kitchen machines, whirlpool baths and whirlpool spas, floor treatment machines, for commercial use, vacuum cleaners and water-suction cleaning appliances, massage appliances, portable heating tools and similar appliances, water-bed heaters, Fixed immersion heaters, foot warmers and heating mats, outdoor barbecues, commercial electric hoods, humidifiers, commercial vacuum packaging appliances, skin beauty care appliances,		AMD1:2024, IEC 60335-2-60:2023, IEC 60335-2-67:2021, IEC 60335-2-2:2019, IEC 60335-2-32:2024, IEC 60335-2-45:2024, IEC 60335-2-66:2025, IEC 60335-2-73:2024, IEC 60335-2-81:2024, IEC 60335-2-8:2021+AMD1:2025, IEC 60335-2-9:2021+AMD1:2025, IEC 60335-2-98:2023, IEC 60335-2-119:2021 +AMD1:2025, IEC 60335-2-115:2021, IEC 60335-2-116:2019, IEC 60335-2-4:2023,
684.	furniture with electrically motorized parts, spin extractors	Charging of metal- ion batteries	Cl. 12 of IEC 60335-2-38:2021, IEC 60335-2-39:2021+AMD1: 2025, IEC 60335-2-43:2024, IEC 60335-2-47:2021+AMD1: 2025, IEC 60335-2-52:2021, IEC 60335-2-64:2021 +AMD1:2024, IEC 60335-2-60:2023, IEC 60335-2-67:2021, IEC 60335-2-32:2024, IEC 60335-2-45:2024, IEC 60335-2-66:2025, IEC 60335-2-73:2024, IEC 60335-2-81:2024, IEC 60335-2-81:2024, IEC 60335-2-99:2021 +AMD1 :2025, IEC 60335-2-

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	<b>Domestic Electrical Appliances</b>		
			98:2023, IEC 60335-2-119:2021+AMD1:2025, IEC 60335-2-4:2023
685.		Leakage Current and Electric Strength at Operating Temperature	Cl. 13 of IEC 60335-2-36:2021, IEC 60335-2-37:2021, IEC 60335-2-38:2021, IEC 60335-2-39:2021+AMD1:2025, IEC 60335-2-43:2024, IEC 60335-2-47:2021+AMD1:2025, IEC 60335-2-48:2021, IEC 60335-2-49:2021, IEC 60335-2-50:2021, IEC 60335-2-52:2021, IEC 60335-2-64:2021+AMD1: 2024, IEC 60335-2-60:2023, IEC 60335-2-67:2021, IEC 60335-2-2:2019, IEC 60335-2-32:2024, IEC 60335-2-45:2024, IEC 60335-2-66:2025, IEC 60335-2-73:2024, IEC 60335-2-81:2024, IEC 60335-2-78:2021+AMD1:2025, IEC 60335-2-99:2021+AMD1:2025, IEC 60335-2-98:2023, IEC 60335-2-119:2021 +AMD1:2025, IEC 60335-2-115:2021, IEC 60335-2-116: 2019, IEC 60335-2-4:2023
686.	Household and similar electrical	Transient Over voltage	Cl. 14 of IEC 60335-2-36:2021,

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	<b>Domestic Electrical Appliances</b>		
	appliances - Particular requirements for commercial electric cooking ranges, ovens, hobs and hob elements, commercial electric doughnut fryers and deep fat fryers, commercial electric griddles and griddle grills, commercial electric boiling pans, commercial electric grillers and toasters, commercial electric appliances for keeping food and crockery warm, commercial electric bains-marie, oral hygiene appliances, commercial electric kitchen machines, whirlpool baths and whirlpool spas, floor treatment machines, for commercial use, vacuum cleaners and water-suction cleaning appliances, massage appliances, portable heating tools and similar appliances, water-bed heaters, Fixed immersion heaters, foot warmers and heating mats, outdoor barbecues, commercial electric hoods, humidifiers, commercial vacuum packaging appliances, skin beauty		IEC 60335-2-37:2021, IEC 60335-2-38:2021, IEC 60335-2-39:2021+AMD1:2025, IEC 60335-2-43:2024, IEC 60335-2-47:2021+AMD1:2025, IEC 60335-2-48:2021, IEC 60335-2-49:2021, IEC 60335-2-50:2021, IEC 60335-2-52:2021, IEC 60335-2-64:2021+AMD1: 2024, IEC 60335-2-60:2023, IEC 60335-2-67:2021, IEC 60335-2-2:2019, IEC 60335-2-32:2024, IEC 60335-2-45:2024, IEC 60335-2-66:2025, IEC 60335-2-73:2024, IEC 60335-2-81:2024, IEC 60335-2-78:2021+AMD1:2025, IEC 60335-2-9:2021+AMD1:2025, IEC 60335-2-98:2023, IEC 60335-2-119:2021 +AMD1:2025, IEC 60335-2-115:2021, IEC 60335-2-116: 2019, IEC 60335-2-4:2023
687.		Moisture resistance	Cl. 15 of IEC 60335-2-36:2021, IEC 60335-2-37:2021, IEC 60335-2-38:2021, IEC 60335-2-39: 2021+ AMD1:2025, IEC 60335-2-

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	<b>Domestic Electrical Appliances</b>		
	care appliances, furniture with electrically motorized parts, spin extractors		43:2024, IEC 60335-2-47:2021+AMD1: 2025, IEC 60335-2-48:2021, IEC 60335-2-49:2021, IEC 60335-2-50:2021, IEC 60335-2-52:2021, IEC 60335-2-64:2021+AMD1: 2024, IEC 60335-2-60:2023, IEC 60335-2-67:2021, IEC 60335-2-2:2019, IEC 60335-2-32:2024, IEC 60335-2-45:2024, IEC 60335-2-66:2025, IEC 60335-2-73:2024, IEC 60335-2-81:2024, IEC 60335-2- 78:2021+AMD1:2025, IEC 60335-2-99:2021+AMD1:2025, IEC 60335-2-98:2023, IEC 60335-2-119:2021 +AMD1:2025, IEC 60335-2-115: 2021, IEC 60335-2-116: 2019, IEC 60335-2-4:2023
688.		Leakage current and electric strength	Cl. 16 of IEC 60335-2- 36:2021, IEC 60335-2-37:2021, IEC 60335-2- 38:2021, IEC 60335-2-39:2021 +AMD1:2025, IEC 60335-2-43:2024, IEC 60335-2-47:2021+AMD1:2025, IEC 60335-2-48:2021, IEC 60335-2-49:2021, IEC 60335-2-50:2021,

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	<b>Domestic Electrical Appliances</b>		
			IEC 60335-2-52:2021, IEC 60335-2-64:2021+AMD1:2024, IEC 60335-2-60:2023, IEC 60335-2-67:2021, IEC 60335-2-2:2019, IEC 60335-2-32:2024, IEC 60335-2-45:2024, IEC 60335-2-66:2025, IEC 60335-2-73:2024, IEC 60335-2-81:2024, IEC 60335-2-78:2021+AMD1:2025, IEC 60335-2-99:2021+AMD1:2025, IEC 60335-2-98:2023, IEC 60335-2-119:2021+AMD1:2025, IEC 60335-2-115:2021, IEC 60335-2-116:2019, IEC 60335-2-4:2023,
689.	Household and similar electrical appliances - Particular requirements for commercial electric cooking ranges, ovens, hobs and hob elements, commercial electric doughnut fryers and deep fat fryers, commercial electric griddles and griddle grills, commercial electric boiling pans, commercial electric grillers and toasters, commercial electric appliances for keeping food	Overload Protection of Transformer and Associated Circuits	Cl. 17 of IEC 60335-2-36:2021, IEC 60335-2-37:2021, IEC 60335-2-38:2021, IEC 60335-2-39:2021+AMD1:2025, IEC 60335-2-43:2024, IEC 60335-2-47:2021+AMD1:2025, IEC 60335-2-48:2021, IEC 60335-2-49:2021, IEC 60335-2-50:2021, IEC 60335-2-52:2021, IEC 60335-2-64:2021+AMD1:2024, IEC 60335-2-60:2023, IEC

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QAI/CIA/TL/2024/0047

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\*Scope Amended w.e.f.: 04 September 2025

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	<b>Domestic Electrical Appliances</b>		
	and crockery warm, commercial electric bains-marie, oral hygiene appliances, commercial electric kitchen machines, whirlpool baths and whirlpool spas, floor treatment machines, for commercial use, vacuum cleaners and water-suction cleaning appliances, massage appliances, portable heating tools and similar appliances, water-bed heaters, Fixed immersion heaters, foot warmers and heating mats, outdoor barbecues, commercial electric hoods, humidifiers, commercial vacuum packaging appliances, skin beauty care appliances, furniture with electrically motorized parts, spin extractors		60335-2-67:2021, IEC 60335-2-2:2019, IEC 60335-2-32:2024, IEC 60335-2-45:2024, IEC 60335-2-66:2025, IEC 60335-2-73:2024, IEC 60335-2-81:2024, IEC 60335-2-78:2021+AMD1:2025, IEC 60335-2-99:2021+AMD1:2025, IEC 60335-2-98:2023, IEC 60335-2-119:2021 +AMD1:2025, IEC 60335-2-115:2021, IEC 60335-2-116: 2019, IEC 60335-2-4:2023
690.	vacuum packaging appliances, skin beauty care appliances, furniture with electrically motorized parts, spin extractors	Endurance	Cl. 18 of IEC 60335-2-36:2021, IEC 60335-2-48:2021, IEC 60335-2-49:2021, IEC 60335-2-50:2021, IEC 60335-2-4:2023
691.	vacuum packaging appliances, skin beauty care appliances, furniture with electrically motorized parts, spin extractors	Abnormal Operation	Cl. 19 of IEC 60335-2-36:2021, IEC 60335-2-37:2021, IEC 60335-2-38:2021, IEC 60335-2-39:2021+AMD1:2025, IEC 60335-2-43:2024, IEC 60335-2-47:2021+ AMD1:2025, IEC 60335-2-48:2021, IEC 60335-2-49:2021, IEC 60335-2-50:2021, IEC 60335-2-52:2021, IEC 60335-2-64:2021+AMD1:2024, IEC 60335-2-60:2023, IEC

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	<b>Domestic Electrical Appliances</b>		
			60335-2-67:2021, IEC 60335-2-2:2019, IEC 60335-2-32:2024, IEC 60335-2-45:2024, IEC 60335-2-66:2025, IEC 60335-2-73:2024, IEC 60335-2-81:2024, IEC 60335-2-78:2021+AMD1:2025, IEC 60335-2-99:2021+AMD1:2025, IEC 60335-2-98:2023, IEC 60335-2-119:2021 +AMD1:2025, IEC 60335-2-115:2021, IEC 60335-2-116:2019, IEC 60335-2-4:2023
692.	Household and similar electrical appliances - Particular requirements for commercial electric cooking ranges, ovens, hobs and hob elements, commercial electric doughnut fryers and deep fat fryers, commercial electric griddles and griddle grills, commercial electric boiling pans, commercial electric grillers and toasters, commercial electric appliances for keeping food and crockery warm, commercial electric bains-marie, oral hygiene appliances, commercial electric	Stability and Mechanical Hazards	Cl. 20 of IEC 60335-2-36:2021, IEC 60335-2-37:2021, IEC 60335-2-38:2021, IEC 60335-2-39:2021+AMD1:2025, IEC 60335-2-43:2024, IEC 60335-2-47:2021+AMD1:2025, IEC 60335-2-48:2021, IEC 60335-2-49:2021, IEC 60335-2-50:2021, IEC 60335-2-52:2021, IEC 60335-2-64:2021+AMD1:2024, IEC 60335-2-60:2023, IEC 60335-2-67:2021, IEC 60335-2-2:2019, IEC 60335-2-32:2024, IEC 60335-2-45:2024, IEC 60335-2-66:2025,

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	<b>Domestic Electrical Appliances</b>		
	kitchen machines, whirlpool baths and whirlpool spas, floor treatment machines, for commercial use, vacuum cleaners and water-suction cleaning appliances, massage appliances, portable heating tools and similar appliances, water-bed heaters, Fixed immersion heaters, foot warmers and heating mats, outdoor barbecues, commercial electric hoods, humidifiers, commercial vacuum packaging appliances, skin beauty care appliances, furniture with electrically motorized parts, spin extractors		IEC 60335-2-73:2024, IEC 60335-2-81:2024, IEC 60335-2-78:2021+ AMD1:2025, IEC 60335-2-99:2021+ AMD1:2025, IEC 60335-2-98:2023, IEC 60335-2-119:2021 + AMD1:2025, IEC 60335-2-115:2021, IEC 60335-2-116: 2019, IEC 60335-2-4:2023
693.		Mechanical strength	Cl. 21 of IEC 60335-2-36:2021, IEC 60335-2-37:2021, IEC 60335-2-38:2021, IEC 60335-2-39:2021+ AMD1:2025, IEC 60335-2-43:2024, IEC 60335-2-47:2021+ AMD1:2025, IEC 60335-2-48:2021, IEC 60335-2-49:2021, IEC 60335-2-50:2021, IEC 60335-2-52:2021, IEC 60335-2-64:2021+AMD1:2024, IEC 60335-2-60:2023, IEC 60335-2-67:2021, IEC 60335-2-2:2019, IEC 60335-2-32:2024, IEC 60335-2-45:2024, IEC 60335-2-66:2025, IEC 60335-2-73:2024, IEC 60335-2-81:2024, IEC 60335-2-78:2021+AMD1:2025, IEC 60335-2-99:2021+AMD1:2025, IEC

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	<b>Domestic Electrical Appliances</b>		
			60335-2-98:2023, IEC 60335-2-119:2021 +AMD1:2025, IEC 60335-2-115:2021, IEC 60335-2-116:2019, IEC 60335-2-4:2023
694.	Household and similar electrical appliances - Particular requirements for commercial electric cooking ranges, ovens, hobs and hob elements, commercial electric doughnut fryers and deep fat fryers, commercial electric griddles and griddle grills, commercial electric boiling pans, commercial electric grillers and toasters, commercial electric appliances for keeping food and crockery warm, commercial electric bains-marie, oral hygiene appliances, commercial electric kitchen machines, whirlpool baths and whirlpool spas, floor treatment machines, for commercial use, vacuum cleaners and water-suction cleaning appliances, massage appliances, portable heating tools and similar appliances, water-bed heaters, Fixed immersion	Construction	Cl. 22 of IEC 60335-2-36:2021, IEC 60335-2-37:2021, IEC 60335-2-38:2021, IEC 60335-2-39:2021+ AMD1:2025, IEC 60335-2-43:2024, IEC 60335-2-47:2021+AMD1:2025, IEC 60335-2-48:2021, IEC 60335-2-49:2021, IEC 60335-2-50:2021, IEC 60335-2-52:2021, IEC 60335-2-64:2021+ AMD1:2024, IEC 60335-2-60:2023, IEC 60335-2-67:2021, IEC 60335-2-2:2019, IEC 60335-2-32:2024, IEC 60335-2-45:2024, IEC 60335-2-66:2025, IEC 60335-2-73:2024, IEC 60335-2-81:2024, IEC 60335-2-78:2021+AMD1:2025, IEC 60335-2-99:2021+AMD1:2025, IEC 60335-2-98:2023, IEC 60335-2-119:2021+AMD1:2025, IEC 60335-2-115:2021, IEC 60335-2-116:2019, IEC 60335-2-4:2023

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	<b>Domestic Electrical Appliances</b>		
695.	heaters, foot warmers and heating mats, outdoor barbecues, commercial electric hoods, humidifiers, commercial vacuum packaging appliances, skin beauty care appliances, furniture with electrically motorized parts, spin extractors	Internal Wiring	Cl. 23 of IEC 60335-2-36:2021, IEC 60335-2-37:2021, IEC 60335-2-38:2021, IEC 60335-2-39:2021+AMD1:2025, IEC 60335-2-43:2024, IEC 60335-2-47:2021+AMD1:2025, IEC 60335-2-48:2021, IEC 60335-2-49:2021, IEC 60335-2-50:2021, IEC 60335-2-52:2021, IEC 60335-2-64:2021+AMD1:2024, IEC 60335-2-60:2023, IEC 60335-2-67:2021, IEC 60335-2-2:2019, IEC 60335-2-32:2024, IEC 60335-2-45:2024, IEC 60335-2-66:2025, IEC 60335-2-73:2024, IEC 60335-2-81:2024, IEC 60335-2-78:2021+AMD1:2025, IEC 60335-2-99:2021+AMD1:2025, IEC 60335-2-98:2023, IEC 60335-2-119:2021+AMD1:2025, IEC 60335-2-

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	<b>Domestic Electrical Appliances</b>		
			115:2021, IEC 60335-2-116:2019, IEC 60335-2-4:2023,
696.	Household and similar electrical appliances - Particular requirements for commercial electric cooking ranges, ovens, hobs and hob elements, commercial electric doughnut fryers and deep fat fryers, commercial electric griddles and griddle grills, commercial electric boiling pans, commercial electric grillers and toasters, commercial electric appliances for keeping food and crockery warm, commercial electric bains-marie, oral hygiene appliances, commercial electric kitchen machines, whirlpool baths and whirlpool spas, floor treatment machines, for commercial use, vacuum cleaners and water-suction cleaning appliances, massage appliances, portable heating tools and similar appliances, water-bed heaters, Fixed immersion heaters, foot warmers and heating	Components (Verification Only)	CI. 24 of IEC 60335-2-36:2021, IEC 60335-2-37:2021, IEC 60335-2-38:2021, IEC 60335-2-39:2021+AMD1:2025, IEC 60335-2-43:2024, IEC 60335-2-47:2021+AMD1:2025, IEC 60335-2-48:2021, IEC 60335-2-49:2021, IEC 60335-2-50:2021, IEC 60335-2-52:2021, IEC 60335-2-64:2021+AMD1:2024, IEC 60335-2-60:2023, IEC 60335-2-67:2021, IEC 60335-2-2:2019, IEC 60335-2-32:2024, IEC 60335-2-45:2024, IEC 60335-2-66:2025, IEC 60335-2-73:2024, IEC 60335-2-81:2024, IEC 60335-2-78:2021+AMD1:2025, IEC 60335-2-99:2021+AMD1:2025, IEC 60335-2-98:2023,

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	<b>Domestic Electrical Appliances</b>		
	mats, outdoor barbecues, commercial electric hoods, humidifiers, commercial vacuum packaging appliances, skin beauty care appliances, furniture with electrically motorized parts, spin extractors		IEC 60335-2-119:2021 +AMD1:2025, IEC 60335-2-115: 2021, IEC 60335-2-116:2019, IEC 60335-2-4:2023,
697.		Supply Connection and External Flexible Cords	Cl. 25 of IEC 60335-2-36:2021, IEC 60335-2-37:2021, IEC 60335-2-38:2021, IEC 60335-2-39:2021+AMD1:2025, IEC 60335-2-43:2024, IEC 60335-2-47:2021+AMD1:2025, IEC 60335-2-48:2021, IEC 60335-2-49:2021, IEC 60335-2-50:2021, IEC 60335-2-52:2021, IEC 60335-2-64:2021+AMD1:2024, IEC 60335-2-60:2023, IEC 60335-2-67:2021, IEC 60335-2-2:2019, IEC 60335-2-32:2024, IEC 60335-2-45:2024, IEC 60335-2-66:2025, IEC 60335-2-73:2024,

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	<b>Domestic Electrical Appliances</b>		
			IEC 60335-2-81:2024, IEC 60335-2-78:2021+AMD1:2025, IEC 60335-2-99:2021+AMD1:2025, IEC 60335-2-98:2023, IEC 60335-2-119:2021 +AMD1:2025, IEC 60335-2-115:2021, IEC 60335-2-116:2019, IEC 60335-2-4:2023
698.	Household and similar electrical appliances - Particular requirements for commercial electric cooking ranges, ovens, hobs and hob elements, commercial electric doughnut fryers and deep fat fryers, commercial electric griddles and griddle grills, commercial electric boiling pans, commercial electric grillers and toasters, commercial electric appliances for keeping food and crockery warm, commercial electric bains-marie, oral hygiene appliances, commercial electric kitchen machines, whirlpool baths and whirlpool spas, floor treatment	Terminals for external conductors	Cl. 26 of IEC 60335-2-36:2021, IEC 60335-2-37:2021, IEC 60335-2-38:2021, IEC 60335-2-39:2021+AMD1:2025, IEC 60335-2-43:2024, IEC 60335-2-47:2021+AMD1:2025, IEC 60335-2-48:2021, IEC 60335-2-49:2021, IEC 60335-2-50:2021, IEC 60335-2-52:2021, IEC 60335-2-64:2021+AMD1:2024, IEC 60335-2-60:2023, IEC 60335-2-67:2021, IEC 60335-2-2:2019, IEC 60335-2-32:2024,

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	<b>Domestic Electrical Appliances</b>		
	machines, for commercial use, vacuum cleaners and water-suction cleaning appliances, massage appliances, portable heating tools and similar appliances, water-bed heaters, Fixed immersion heaters, foot warmers and heating mats, outdoor barbecues, commercial electric hoods, humidifiers, commercial vacuum packaging appliances, skin beauty care appliances, furniture with electrically motorized parts, spin extractors		IEC 60335-2-45:2024, IEC 60335-2-66:2025, IEC 60335-2-73:2024, IEC 60335-2-81:2024, IEC 60335-2-78:2021+AMD1:2025, IEC 60335-2-99:2021+AMD1:2025, IEC 60335-2-98:2023, IEC 60335-2-119:2021+AMD1:2025, IEC 60335-2-115:2021, IEC 60335-2-116:2019, IEC 60335-2-4:2023
699.		Provision for earthing	Cl. 27 of IEC 60335-2-36:2021, IEC 60335-2-37:2021, IEC 60335-2-38:2021, IEC 60335-2-39:2021+AMD1:2025, IEC 60335-2-43:2024, IEC 60335-2-47:2021+AMD1:2025, IEC 60335-2-48:2021, IEC 60335-2-49:2021, IEC 60335-2-50:2021, IEC 60335-2-52:2021, IEC 60335-2-64:2021

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	<b>Domestic Electrical Appliances</b>		
			+AMD1:2024, IEC 60335-2-60:2023, IEC 60335-2-67:2021, IEC 60335-2-2:2019, IEC 60335-2-32:2024, IEC 60335-2-45:2024, IEC 60335-2-66:2025, IEC 60335-2-73:2024, IEC 60335-2-81:2024, IEC 60335-2-78:2021+AMD1:2025, IEC 60335-2-99:2021+AMD1:2025, IEC 60335-2-98:2023, IEC 60335-2-119:2021+AMD1:2025, IEC 60335-2-115:2021, IEC 60335-2-116:2019, IEC 60335-2-4:2023
700.	Household and similar electrical appliances - Particular requirements for commercial electric cooking ranges, ovens, hobs and hob elements, commercial electric doughnut fryers and deep fat fryers, commercial electric griddles and griddle grills, commercial electric boiling pans, commercial electric grillers and toasters, commercial	Screws and Connections	Cl. 28 of IEC 60335-2-36:2021, IEC 60335-2-37:2021, IEC 60335-2-38:2021, IEC 60335-2-39:2021+AMD1:2025, IEC 60335-2-43:2024, IEC 60335-2-47:2021+AMD1:2025, IEC 60335-2-48:2021, IEC 60335-2-49:2021, IEC 60335-2-50:2021, IEC 60335-2-52:2021,

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Electrical Testing			
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	<b>Domestic Electrical Appliances</b>		
	electric appliances for keeping food and crockery warm, commercial electric bains-marie, oral hygiene appliances, commercial electric kitchen machines, whirlpool baths and whirlpool spas, floor treatment machines, for commercial use, vacuum cleaners and water-suction cleaning appliances, massage appliances, portable heating tools and similar appliances, water-bed heaters, Fixed immersion heaters, foot warmers and heating mats, outdoor barbecues, commercial electric hoods, humidifiers, commercial vacuum packaging appliances, skin beauty care appliances, furniture with electrically motorized parts, spin extractors		IEC 60335-2-64:2021+AMD1:2024, IEC 60335-2-60:2023, IEC 60335-2-67:2021, IEC 60335-2-2:2019, IEC 60335-2-32:2024, IEC 60335-2-45:2024, IEC 60335-2-66:2025, IEC 60335-2-73:2024, IEC 60335-2-81:2024, IEC 60335-2-78:2021+AMD1:2025, IEC 60335-2-99:2021+AMD1:2025, IEC 60335-2-98:2023, IEC 60335-2-119:2021+AMD1:2025, IEC 60335-2-115:2021, IEC 60335-2-116:2019, IEC 60335-2-4:2023
701.		Creepage distance & clearances / Clearances, Creepage distances and solid insulations	Cl. 29 of IEC 60335-2-36:2021, IEC 60335-2-37:2021, IEC 60335-2-38:2021, IEC 60335-2-39:2021+AMD1:2025, IEC 60335-2-43:2024, IEC 60335-2-47:2021+AMD1:2025, IEC 60335-2-48:2021, IEC 60335-2-49:2021,

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Accreditation Standard: ISO/IEC 17025:2017

Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	<b>Domestic Electrical Appliances</b>		
			IEC 60335-2-50:2021, IEC 60335-2-52:2021, IEC 60335-2-64:2021+AMD1:2024, IEC 60335-2-60:2023, IEC 60335-2-67:2021, IEC 60335-2-2:2019, IEC 60335-2-32:2024, IEC 60335-2-45:2024, IEC 60335-2-66:2025, IEC 60335-2-73:2024, IEC 60335-2-81:2024, IEC 60335-2-78:2021+AMD1:2025, IEC 60335-2-99:2021+AMD1:2025, IEC 60335-2-98:2023, IEC 60335-2-119:2021 +AMD1:2025, IEC 60335-2-115:2021, IEC 60335-2-116:2019, IEC 60335-2-4:2023
702.	Household and similar electrical appliances - Particular requirements for commercial electric cooking ranges, ovens, hobs and hob elements, commercial electric doughnut fryers and deep fat fryers, commercial electric griddles and	Resistance to Heat and Fire	Cl. 30 of IEC 60335-2-36:2021, IEC 60335-2-37:2021, IEC 60335-2-38:2021, IEC 60335-2-39:2021+ AMD1:2025, IEC 60335-2-43:2024, IEC 60335-2-47:2021+AMD1:2025, IEC 60335-2-48:2021, IEC 60335-2-49:2021,

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
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	griddle grills, commercial electric boiling pans, commercial electric grillers and toasters, commercial electric appliances for keeping food and crockery warm, commercial electric bains-marie, oral hygiene appliances, commercial electric kitchen machines, whirlpool baths and whirlpool spas, floor treatment machines, for commercial use, vacuum cleaners and water-suction cleaning appliances, massage appliances, portable heating tools and similar appliances, water-bed heaters, Fixed immersion heaters, foot warmers and heating mats, outdoor barbecues, commercial electric hoods, humidifiers, commercial vacuum packaging appliances, skin beauty care appliances, furniture with electrically motorized parts, spin extractors	Resistance to Rusting	IEC 60335-2-50:2021, IEC 60335-2-52:2021, IEC 60335-2-64:2021+ AMD1:2024, IEC 60335-2-60:2023, IEC 60335-2-67:2021, IEC 60335-2-2:2019, IEC 60335-2-32:2024, IEC 60335-2-45: 2024, IEC 60335-2-66:2025, IEC 60335-2-73:2024, IEC 60335-2-81:2024, IEC 60335-2- 78:2021+AMD1 :2025, IEC 60335-2- 99:2021+AMD1 :2025, IEC 60335-2-98:2023, IEC 60335-2-119:2021 +AMD1:2025, IEC 60335-2-115: 2021, IEC 60335-2-116:2019, IEC 60335-2-4:2023 Cl. 31 of IEC 60335-2-36:2021, IEC 60335-2-37:2021, IEC 60335-2-38:2021, IEC 60335-2-39:2021+AMD1 :2025, IEC 60335-2-43:2024, IEC 60335-2-47:2021 +AMD1:2025, IEC 60335-2-48:2021, IEC 60335-2-49:2021, IEC 60335-2-50:2021, IEC 60335-2-52:2021, IEC 60335-2-64:2021+AMD1 :2024, IEC 60335-2-60:2023, IEC 60335-2-67:2021,

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	<b>Domestic Electrical Appliances</b>		
			IEC 60335-2-2:2019, IEC 60335-2-32:2024, IEC 60335-2-45:2024, IEC 60335-2-66:2025, IEC 60335-2-73:2024, IEC 60335-2-81:2024, IEC 60335-2-78:2021+AMD1:2025, IEC 60335-2-99:2021+AMD1:2025, IEC 60335-2-98:2023, IEC 60335-2-119:2021+AMD1:2025, IEC 60335-2-115:2021, IEC 60335-2-116:2019, IEC 60335-2-4:2023
704.	Household and similar electrical appliances - Particular requirements for commercial electric cooking ranges, ovens, hobs and hob elements, commercial electric doughnut fryers and deep fat fryers, commercial electric griddles and griddle grills, commercial electric boiling pans, commercial electric grillers and toasters, commercial electric appliances for keeping food and crockery warm, commercial electric bains-marie, oral hygiene appliances, commercial electric	Radiation, Toxicity and Similar Hazards	Cl. 32 of IEC 60335-2-36:2021, IEC 60335-2-37:2021, IEC 60335-2-38:2021, IEC 60335-2-39:2021+AMD1:2025, IEC 60335-2-43:2024, IEC 60335-2-47:2021+AMD1:2025, IEC 60335-2-48:2021, IEC 60335-2-49:2021, IEC 60335-2-50:2021, IEC 60335-2-52:2021, IEC 60335-2-64:2021+AMD1:2024, IEC 60335-2-60:2023, IEC 60335-2-67:2021, IEC 60335-2-2:2019, IEC 60335-2-32:2024, IEC 60335-2-45:2024, IEC 60335-2-66:2025,

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
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	kitchen machines, foot warmers and heating mats, outdoor barbecues, commercial electric hoods, humidifiers, spin extractors, portable heating tools and similar appliances, vacuum cleaners and water- suction cleaning appliances, floor treatment machines, for commercial use		IEC 60335-2-73:2024, IEC 60335-2-81:2024, IEC 60335-2-78:2021+ AMD1:2025, IEC 60335-2-99:2021+ AMD1:2025, IEC 60335-2-98:2023, IEC 60335-2-119:2021 +AMD1: 2025, IEC 60335-2-115:2021, IEC 60335-2-116:2019, IEC 60335-2-4:2023
705.		Battery-operated appliances, separable batteries and detachable batteries for battery-operated appliances	Annex B of IEC 60335-2-36:2021, IEC 60335-2-37:2021, IEC 60335-2-38:2021, IEC 60335-2-39:2021 +AMD1:2025, IEC 60335-2-43:2024, IEC 60335-2-47:2021 +AMD1:2025, IEC 60335-2-48:2021, IEC 60335-2-49:2021, IEC 60335-2-50:2021, IEC 60335-2-52:2021, IEC 60335-2-64:2021+AMD1: 2024, IEC 60335-2-81:2024, IEC 60335-2-78:2021+AMD1:2025, IEC 60335-2-99:2021+AMD1: 2025, IEC 60335-2-98:2023, IEC 60335-2-4:2023, IEC 60335-2-32:2024, IEC 60335-2-45:2024,

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			IEC 60335-2-2:2019, IEC 60335-2-67:2021
706.	Household and similar electrical appliances - Particular requirements for commercial electric cooking ranges, ovens, hobs and hob elements, commercial electric doughnut fryers and deep fat fryers, commercial electric griddles and griddle grills, commercial electric boiling pans, commercial electric grillers and toasters, commercial electric appliances for keeping food and crockery warm, commercial electric bains-marie, oral hygiene appliances, commercial electric kitchen machines, outdoor barbecues, commercial electric hoods	Guidance for the application of this standard to appliances used in tropical climates	Annex P of IEC 60335-2-36:2021, IEC 60335-2-37:2021, IEC 60335-2-38:2021, IEC 60335-2-39:2021+AMD1:2025, IEC 60335-2-47:2021 +AMD1:2025, IEC 60335-2-48:2021, IEC 60335-2-49:2021, IEC 60335-2-50:2021, IEC 60335-2-64:2021+AMD1:2024, IEC 60335-2-78:2021+AMD1:2025, IEC 60335-2-99:2021+AMD1:2025,
707.	Household and similar electrical appliances - Safety Particular requirements for sauna heating appliances and infrared cabins, surface- cleaning appliances for household use employing liquids or	General Requirement	Cl. 4 of IEC 60335-2-53:2011 +AMD 1:2017+ AMD2:2021, IEC 60335-2-54:2022, IEC 60335-2-55:2021, IEC 60335-2-58:2017, IEC 60335-2-61:2024, IEC 60335-2-62:2024

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Electrical Testing			
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	<b>Domestic Electrical Appliances</b>		
708.	steam, electrical appliances for use with aquariums and garden ponds, commercial electric dishwashing machines, thermal storage room heaters, commercial electric rinsing sinks	General Condition for the Test	Cl. 5 of IEC 60335-2-53:2011+AMD1: 2017+ AMD2:2021, IEC 60335-2-54:2022, IEC 60335-2-55:2021, IEC 60335-2-58:2017, IEC 60335-2-61:2024, IEC 60335-2-62:2024
709.		Classification	Cl. 6 of IEC 60335-2-53:2011+ AMD1:2017+ AMD2:2021, IEC 60335-2-54:2022, IEC 60335-2-55:2021, IEC 60335-2-58:2017, IEC 60335-2-61:2024, IEC 60335-2-62:2024
710.		Marking and Instruction	Cl. 7 of IEC 60335-2-53:2011+ AMD 1:2017+ AMD2:2021, IEC 60335-2-54:2022, IEC 60335-2-55:2021, IEC 60335-2-58:2017, IEC 60335-2-61:2024, IEC 60335-2-62:2024
711.	Household and similar electrical appliances - Safety Particular requirements for sauna heating appliances and infrared cabins, surface- cleaning appliances for household use employing liquids or steam, electrical appliances for use with aquariums and garden ponds,	Protection against electric shock	Cl. 8 of IEC 60335-2-53:2011+AMD 1:2017+ AMD2:2021, IEC 60335-2-54:2022, IEC 60335-2-55:2021, IEC 60335-2-58:2017, IEC 60335-2-61:2024, IEC 60335-2-62:2024
712.		Starting for motor operated appliances	Cl. 9 of IEC 60335-2-58:2017,

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	<b>Domestic Electrical Appliances</b>		
713.	commercial electric dishwashing machines, thermal storage room heaters, commercial electric rinsing sinks	Power Input and current	Cl. 10 of IEC 60335-2-53:2011+ AMD1:2017+AMD2:2021, IEC 60335-2-54:2022, IEC 60335-2-55:2021, IEC 60335-2-58:2017, IEC 60335-2-61:2024, IEC 60335-2-62:2024
714.		Heating/ Temperature Rise Test	Cl. 11 of IEC 60335-2-53:2011+ AMD1:2017+AMD2:2021, IEC 60335-2-54:2022, IEC 60335-2-55:2021, IEC 60335-2-58:2017, IEC 60335-2-61:2024, IEC 60335-2-62:2024
715.		Charging of metal- ion batteries	Cl. 12 of IEC 60335-2-54:2022, IEC 60335-2-55:2021, IEC 60335-2-61:2024, IEC 60335-2-62:2024
716.		Leakage Current and Electric Strength at Operating Temperature	Cl. 13 of IEC 60335-2-53:2011+ AMD1:2017+ AMD2:2021, IEC 60335-2-54:2022, IEC 60335-2-55:2021, IEC 60335-2-58:2017, IEC 60335-2-61:2024, IEC 60335-2-62:2024
717.	Household and similar electrical appliances - Safety Particular requirements for sauna heating appliances and infrared cabins,	Transient Over voltage	Cl. 14 of IEC 60335-2-53:2011+ AMD1:2017+ AMD2:2021, IEC 60335-2-54:2022, IEC 60335-2-55:2021, IEC

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	<b>Domestic Electrical Appliances</b>		
	surface- cleaning appliances for household use employing liquids or steam, electrical appliances for use with aquariums and garden ponds, commercial electric dishwashing machines, thermal storage room heaters, commercial electric rinsing sinks		60335-2-58:2017, IEC 60335-2-61:2024, IEC 60335-2-62:2024
718.		Moisture resistance	Cl. 15 of IEC 60335-2-53:2011+ AMD1 :2017+ AMD2: 2021, IEC 60335-2- 54:2022, IEC 60335-2-55:2021, IEC 60335-2-58:2017, IEC 60335-2-61:2024, IEC 60335-2-62:2024
719.		Leakage current and electric strength	Cl. 16 of IEC 60335-2-53:2011 + AMD1 :2017+AMD2:2021, IEC 60335-2-54:2022, IEC 60335-2-55:2021, IEC 60335-2-58:2017, IEC 60335-2-61:2024, IEC 60335-2-62:2024
720.		Overload Protection Of Transformer And Associated Circuits	Cl. 17 of IEC 60335-2-53:2011+ AMD1:2017+AMD2:2021, IEC 60335-2-54:2022, IEC 60335-2-55:2021, IEC 60335-2-58:2017, IEC 60335-2-61:2024, IEC 60335-2-62:2024
721.		Endurance	Cl. 18 of IEC 60335-2-58:2017
722.		Abnormal Operation	Cl. 19 of IEC 60335-2-53:2011 + AMD1:2017+ AMD2: 2021, IEC 60335-2-

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	<b>Domestic Electrical Appliances</b>		
			54:2022, IEC 60335-2-55:2021, IEC 60335-2-58:2017, IEC 60335-2-61:2024, IEC 60335-2-62:2024
723.	Household and similar electrical appliances - Safety Particular requirements for sauna heating appliances and infrared cabins,	Stability and Mechanical Hazards	Cl. 20 of IEC 60335-2- 53:2011+ AMD1:2017+AMD2:2021, IEC 60335-2-54:2022, IEC 60335-2-55:2021, IEC 60335-2-58:2017, IEC 60335-2-61:2024, IEC 60335-2-62:2024
724.	surface- cleaning appliances for household use employing liquids or steam, electrical appliances for use with aquariums and garden ponds, commercial electric dishwashing machines, thermal storage room heaters, commercial electric rinsing sinks	Mechanical strength	Cl. 21 of IEC 60335-2-53:2011+ AMD1:2017+AMD2:2021, IEC 60335-2- 54:2022, IEC 60335-2-55:2021, IEC 60335-2-58:2017, IEC 60335-2-61:2024, IEC 60335-2-62:2024
725.		Construction	Cl. 22 of IEC 60335-2-53:2011+ AMD1:2017+ AMD2:2021, IEC 60335-2-54:2022, IEC 60335-2-55:2021, IEC 60335-2-58:2017, IEC 60335-2-61:2024, IEC 60335-2-62:2024



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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	<b>Domestic Electrical Appliances</b>		
726.		Internal Wiring	Cl. 23 of IEC 60335-2-53:2011+ AMD1:2017+ AMD2:2021, IEC 60335-2-54:2022, IEC 60335-2-55:2021, IEC 60335-2-58:2017, IEC 60335-2-61:2024, IEC 60335-2-62:2024
727.	Household and similar electrical appliances - Safety Particular requirements for sauna heating appliances and infrared cabins, surface- cleaning appliances for household use employing liquids or steam, electrical appliances for use with aquariums and garden ponds, commercial electric dishwashing machines, thermal storage room heaters, commercial electric rinsing sinks	Components (Verification Only)	Cl. 24 of IEC 60335-2- 53:2011+ AMD1:2017+ AMD2:2021, IEC 60335-2- 54:2022, IEC 60335-2- 55:2021, IEC 60335-2-58:2017, IEC 60335-2-61:2024, IEC 60335-2-62:2024
728.		Supply Connection and External Flexible Cords	Cl. 25 of IEC 60335-2- 53:2011+ AMD1:2017+AMD2:2021, IEC 60335-2-54:2022, IEC 60335-2-55:2021, IEC 60335-2-58:2017, IEC 60335-2-61:2024, IEC 60335-2-62:2024
729.		Terminals for external conductors	Cl. 26 of IEC 60335-2- 53:2011+ AMD1:2017+AMD2:2021, IEC 60335-2- 54:2022, IEC 60335-2- 55:2021, IEC 60335-2-58:2017, IEC 60335-2-61:2024, IEC 60335-2-62:2024
730.		Provision for earthing	Cl. 27 of IEC 60335-2-53:2011+ AMD1:2017+ AMD2:2021, IEC

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731.		Screws and Connections	60335-2- 54:2022, IEC 60335-2-55:2021, IEC 60335-2-58:2017, IEC 60335-2-61:2024, IEC 60335-2-62:2024 Cl. 28 of IEC 60335-2-53:2011+ AMD1:2017+ AMD2:2021, IEC 60335-2- 54:2022, IEC 60335-2-55:2021, IEC 60335-2-58:2017, IEC 60335-2-61:2024, IEC 60335-2-62:2024
732.	Household and similar electrical appliances - Safety Particular requirements for sauna heating appliances and infrared cabins, surface- cleaning appliances for household use employing liquids or steam, electrical appliances for use with aquariums and garden ponds, commercial electric dishwashing machines, thermal storage room heaters, commercial electric rinsing sinks	Creepage distance & clearances / Clearances, Creepage distances and solid insulations	Cl. 29 of IEC 60335-2-53:2011+AMD1:2017+ AMD2:2021, IEC 60335-2-54:2022, IEC 60335-2-55:2021, IEC 60335-2-58:2017, IEC 60335-2-61:2024, IEC 60335-2-62:2024
733.		Resistance to Heat and Fire	Cl. 30 of IEC 60335-2-53:2011+AMD1:2017+ AMD2:2021, IEC 60335-2-54:2022, IEC 60335-2-55:2021, IEC 60335-2-58:2017, IEC 60335-2-61:2024, IEC 60335-2-62:2024
734.		Resistance to Rusting	Cl. 31 of IEC 60335-2-53:2011+ AMD1:2017+ AMD2:2021, IEC 60335-2-

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			54:2022, IEC 60335-2-55:2021, IEC 60335-2-58:2017, IEC 60335-2-61:2024, IEC 60335-2-62:2024
735.		Radiation, Toxicity and Similar Hazards	Cl. 32 of IEC 60335-2- 53:2011+ AMD1:2017+ AMD2:2021, IEC 60335-2- 54:2022, IEC 60335-2- 55:2021, IEC 60335-2-58:2017, IEC 60335-2-60:2023, IEC 60335-2-61:2024, IEC 60335-2-62:2024
736.	Household and similar electrical appliances - Safety Particular requirements for fabric steamers	General Requirement	Cl. 4 of IEC 60335-2- 85:2022
737.		General Condition for the Tests	Cl. 5 of IEC 60335-2-85:2022
738.		Classification	Cl. 6 of IEC 60335-2-85:2022
739.		Marking and Instruction	Cl. 7 of IEC 60335-2-85:2022
740.		Protection against access to live parts	Cl. 8 of IEC 60335-2-85:2022
741.		Power Input and current	Cl. 10 of IEC 60335-2-85:2022
742.		Heating/ Temperature Rise Test	Cl. 11 of IEC 60335-2-85:2022
743.		Charging of metal- ion batteries	Cl. 12 of IEC 60335-2-85:2022
744.		Leakage Current and Electric Strength at Operating Temperature	Cl. 13 of IEC 60335-2-85:2022
745.		Transient Over voltages	Cl. 14 of IEC 60335-2-85:2022
746.	Moisture resistance	Cl. 15 of IEC 60335-2-85:2022	

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	<b>Domestic Electrical Appliances</b>		
747.		Leakage current and electric strength	Cl. 16 of IEC 60335-2-85:2022
748.		Overload Protection of Transformer and Associated Circuits	Cl. 17 of IEC 60335-2-85:2022
749.		Abnormal Operation	Cl. 19 of IEC 60335-2-85:2022
750.		Stability and Mechanical Hazards	Cl. 20 of IEC 60335-2-85:2022
751.		Mechanical strength	Cl. 21 of IEC 60335-2-85:2022
752.		Construction	Cl. 22 of IEC 60335-2-85:2022
753.		Internal Wiring	Cl. 23 of IEC 60335-2-85:2022
754.		Components (Verification Only)	Cl. 24 of IEC 60335-2-85:2022
755.	Household and similar electrical appliances - Safety Particular requirements for fabric steamers	Supply Connection and External Flexible Cords	Cl. 25 of IEC 60335-2-85:2022
756.		Terminals for external conductors	Cl. 26 of IEC 60335-2-85:2022
757.		Provision for earthing	Cl. 27 of IEC 60335-2-85:2022
758.		Screws and Connections	Cl. 28 of IEC 60335-2-85:2022
759.		Clearances, Creepage distances and solid insulations	Cl. 29 of IEC 60335-2-85:2022
760.		Resistance to Heat and Fire	Cl. 30 of IEC 60335-2-85:2022

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	<b>Domestic Electrical Appliances</b>		
761.		Resistance to Rusting	Cl. 31 of IEC 60335-2-85:2022
762.		Radiation, Toxicity and Similar Hazards	Cl. 32 of IEC 60335-2-85:2022
763.		General Requirement	Cl. 4 of IEC 60335-2-65:2023
764.		General Condition for the Tests	Cl. 5 of IEC 60335-2-65:2023
765.		Classification	Cl. 6 of IEC 60335-2-65:2023
766.		Marking and Instruction	Cl. 7 of IEC 60335-2-65:2023
767.		Protection against access to live parts	Cl. 8 of IEC 60335-2-65:2023
768.	Household and similar electrical appliances - Safety Particular requirements for air- cleaning appliances	Power Input and current	Cl. 10 of IEC 60335-2-65:2023
769.		Heating/ Temperature Rise Test	Cl. 11 of IEC 60335-2-65:2023
770.		Charging of metal- ion batteries	Cl. 12 of IEC 60335-2-65:2023
771.		Leakage Current and Electric Strength at Operating Temperature	Cl. 13 of IEC 60335-2-65:2023
772.		Transient Over voltages	Cl. 14 of IEC 60335-2-65:2023
773.		Moisture resistance	Cl. 15 of IEC 60335-2-65:2023
774.		Leakage current and electric strength	Cl. 16 of IEC 60335-2-65:2023

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	<b>Domestic Electrical Appliances</b>		
775.		Overload Protection of Transformer and Associated Circuits	Cl. 17 of IEC 60335-2-65:2023
776.	Household and similar electrical appliances - Safety Particular requirements for air- cleaning appliances	Abnormal Operation	Cl. 19 of IEC 60335-2-65:2023
777.		Stability and Mechanical Hazards	Cl. 20 of IEC 60335-2-65:2023
778.		Mechanical strength	Cl. 21 of IEC 60335-2-65:2023
779.		Construction	Cl. 22 of IEC 60335-2-65:2023
780.		Internal Wiring	Cl. 23 of IEC 60335-2-65:2023
781.		Components (Verification Only)	Cl. 24 of IEC 60335-2-65:2023
782.		Supply Connection and External Flexible Cords	Cl. 25 of IEC 60335-2-65:2023
783.		Terminals for external conductors	Cl. 26 of IEC 60335-2-65:2023
784.		Provision for earthing	Cl. 27 of IEC 60335-2-65:2023
785.		Screws and Connections	Cl. 28 of IEC 60335-2-65:2023
786.		Clearances, Creepage distances and solid insulations	Cl. 29 of IEC 60335-2-65:2023
787.		Resistance to Heat and Fire	Cl. 30 of IEC 60335-2-65:2023
788.		Resistance to Rusting	Cl. 31 of IEC 60335-2-65:2023
789.	Radiation, Toxicity and Similar Hazards	Cl. 32 of IEC 60335-2-65:2023	

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	<b>Domestic Electrical Appliances</b>		
790.	Household and similar electrical appliances - Safety Particular requirements for air- cleaning appliances	Battery-operated appliances, separable batteries and detachable batteries for battery-operated appliances	Annex B of IEC 60335- 2-65:2023
791.	Household and similar appliances - Safety Particular requirements for portable immersion heaters, Appliances for heating, for commercial dispensing appliances and vending machines, electric fence energizers	General Requirement	Cl. 4 of IEC 60335-2- 74:2021+A1, IEC 60335-2-15:2024, IEC 60335-2-75:2025, IEC 60335-2-76:2018
792.		General Condition for the Tests	Cl. 5 of IEC 60335-2- 74:2021+A1, IEC 60335-2-15:2024, IEC 60335-2-75:2025, IEC 60335-2-76:2018
793.		Classification	Cl. 6 of IEC 60335-2- 74:2021+A1, IEC 60335-2-15:2024, IEC 60335-2-75:2025, IEC 60335-2-76:2018
794.		Marking and Instruction	Cl. 7 of IEC 60335-2- 74:2021+A1, IEC 60335-2-15:2024, IEC 60335-2-75:2025, IEC 60335-2-76:2018, IEC 60335-2-76:2018
795.		Protection against access to live parts	Cl. 8 of IEC 60335-2- 74:2021+A1, IEC 60335-2-15:2024, IEC 60335-2-75:2025, IEC 60335-2-76:2018
796.		Power Input and current	Cl. 10 of IEC 60335-2- 74:2021+A1, IEC 60335-2-15:2024, IEC 60335-2-75:2025, IEC 60335-2-76:2018

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	<b>Domestic Electrical Appliances</b>		
797.	Household and similar appliances - Safety Particular requirements for portable immersion heaters, Appliances for heating, for commercial dispensing appliances and vending machines, electric fence energizers	Heating/ Temperature Rise Test	Cl. 11 of IEC 60335-2-74:2021+A1, IEC 60335-2-15:2024, IEC 60335-2-75:2025, IEC 60335-2-76:2018
798.		Leakage Current and Electric Strength at Operating Temperature	Cl. 13 of IEC 60335-2-74:2021+A1, IEC 60335-2-15:2024, IEC 60335-2-75:2025, IEC 60335-2-76:2018
799.		Transient Over voltages	Cl. 14 of IEC 60335-2-74:2021+A1, IEC 60335-2-15:2024, IEC 60335-2-75:2025, IEC 60335-2-76:2018
800.		Moisture resistance	Cl. 15 of IEC 60335-2-74:2021+A1, IEC 60335-2-15:2024, IEC 60335-2-75:2025, IEC 60335-2-76:2018
801.		Leakage current and electric strength	Cl. 16 of IEC 60335-2-74:2021+A1, IEC 60335-2-15:2024, IEC 60335-2-75:2025, IEC 60335-2-76:2018
802.		Abnormal Operation	Cl. 19 of IEC 60335-2-74:2021+A1, IEC 60335-2-15:2024, IEC 60335-2-75:2025, IEC 60335-2-76:2018

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	<b>Domestic Electrical Appliances</b>		
803.		Stability and Mechanical Hazards	Cl. 20 of IEC 60335-2-74:2021+A1, IEC 60335-2-15:2024, IEC 60335-2-75:2025, IEC 60335-2-76:2018
804.		Mechanical strength	Cl. 21 of IEC 60335-2-74:2021+A1, IEC 60335-2-15:2024, IEC 60335-2-75:2025, IEC 60335-2-76:2018
805.		Construction	Cl. 22 of IEC 60335-2-74:2021+A1, IEC 60335-2-15:2024, IEC 60335-2-75:2025, IEC 60335-2-76:2018
806.	Household and similar appliances - Safety Particular requirements for portable immersion heaters, Appliances for heating, for commercial dispensing appliances and vending machines, electric fence energizers	Internal Wiring	Cl. 23 of IEC 60335-2-74:2021+A1, IEC 60335-2-15:2024, IEC 60335-2-75:2025, IEC 60335-2-76:2018
807.		Components (Verification Only)	Cl. 24 of IEC 60335-2-74:2021+A1, IEC 60335-2-15:2024, IEC 60335-2-75:2025, IEC 60335-2-76:2018
808.		Supply Connection and External Flexible Cords	Cl. 25 of IEC 60335-2-74:2021+A1, IEC 60335-2-15:2024, IEC 60335-2-75:2025, IEC 60335-2-76:2018

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	<b>Domestic Electrical Appliances</b>		
809.		Terminals for external conductors	Cl. 26 of IEC 60335-2-74:2021+A1, IEC 60335-2-15:2024, IEC 60335-2-75:2025, IEC 60335-2-76:2018
810.		Provision for earthing	Cl. 27 of IEC 60335-2-74:2021+A1, IEC 60335-2-15:2024, IEC 60335-2-75:2025, IEC 60335-2-76:2018
811.		Screws and Connections	Cl. 28 of IEC 60335-2-74:2021+A1, IEC 60335-2-15:2024, IEC 60335-2-75:2025, IEC 60335-2-76:2018
812.		Clearances, Creepage distances and solid insulations	Cl. 29 of IEC 60335-2-74:2021+A1, IEC 60335-2-15:2024, IEC 60335-2-75:2025, IEC 60335-2-76:2018
813.	Household and similar appliances - Safety Particular requirements for portable immersion heaters, Appliances for heating, for commercial dispensing appliances and vending machines, electric fence energizers	Resistance to Heat and Fire	Cl. 30 of IEC 60335-2-74:2021+A1, IEC 60335-2-15:2024, IEC 60335-2-75:2025, IEC 60335-2-76:2018
814.		Resistance to Rusting	Cl. 31 of IEC 60335-2-74:2021+A1, IEC 60335-2-15:2024, IEC 60335-2-75:2025, IEC 60335-2-76:2018

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	<b>Domestic Electrical Appliances</b>		
815.		Radiation, Toxicity and Similar Hazards	Cl. 32 of IEC 60335-2-74:2021+A1, IEC 60335-2-15:2024, IEC 60335-2-75:2025, IEC 60335-2-76:2018
816.	Household and similar electrical appliances - Safety Particular requirements for commercial dispensing appliances and vending machines	Battery-operated appliances, separable batteries and detachable batteries for battery-operated appliances	Annex B of IEC 60335-2-75:2025, IEC 60335-2-15:2024
817.	Electric Food-Mixers (Liquidizers and Grinders) and Centrifugal Juicers Specification (Second Revision)	General Requirements	Cl. 4 of IS 4250: 2025
818.		General Condition for the Tests	Cl. 5 of IS 4250: 2025
819.		Classification	Cl. 6 of IS 4250: 2025
820.		Marking	Cl. 7 of IS 4250: 2025
821.		Safety Requirements	Cl. 8 of IS 4250: 2025
822.		Endurance for Motor and Base Assembly	Cl. 9 of IS 4250: 2025
823.		Operational Tests	Cl. 10 of IS 4250: 2025
824.		Temperature Withstand Test for Bowl	Cl. 11 of IS 4250: 2025
825.	Electric Food-Mixers (Liquidizers and Grinders) and Centrifugal Juicers Specification (Second Revision)	Test for Controls	Cl. 12 of IS 4250: 2025
826.		Strength of Assembly	Cl. 13 of IS 4250: 2025
827.		Protection against access to live parts	Cl-14.2, 14.3 Table-2 & Table-3 (i) of IS 4250: 2025

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	<b>Domestic Electrical Appliances</b>		
828.		Power Input and current	CI-14.2, Table-2 (ii) of IS 4250: 2025
829.		Leakage Current and Electric Strength at Operating Temperature	CI-14.2, 14.3 Table-2 (iii) & Table-3 (ii) of IS 4250: 2025
830.		Moisture resistance	CI-14.2, Table-2 (iv) of IS 4250: 2025
831.		Leakage current and electric strength	CI-14.2, Table-2 (v) of IS 4250: 2025
832.		Provision for earthing	CI-14.2, 14.3 Table-2 (vi) & Table-3 (iii) of IS 4250: 2025
833.	Safety of household and similar electrical appliances: Part 2 particular requirements: low speed food grinding machines, Electric call bells and buzzers, Vacuum cleaners and water suction cleaning Appliances, Spin extractors, Tumbler dryers, Warming plates and similar appliances, Electric heating tools, Electric steam cookers, Electric Fence Energizers, Electric water boilers, Single Walled Baking Ovens, Hand Held Electric Engraving Tools	General Requirement	CI-3 of IS 302-2-209: 1994+A1: 2000+A3:20 10 (Reaffirmed Year: 2020), IS 302: Part 2: Sec 2: 1997+A1:2002 (Reaffirmed Year: 2019), IS 302: Part 2: Sec 203: 1994+A1: 2002 (Reaffirmed Year: 2019), IS 302: Part 2: Sec 4: 1993+A1: 2002 (Reaffirmed Year: 2019), IS 302: Part 2: Sec 11: 1994+A1: 2002 (Reaffirmed Year: 2019), IS 302: Part 2: Sec 12: 1993 (Reaffirmed

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	<b>Domestic Electrical Appliances</b>		
			Year: 2019), IS 302: Part 2: Sec 45: 1994+ A1: 2002 (Reaffirmed Year: 2019), IS 302: Part 2: Sec 46:1993 (Reaffirmed Year: 2019), IS 302: Part 2: Sec 76:1999 (Reaffirmed Year: 2019), IS 302: Part 2: Sec 204:1994+A1:2002 (Reaffirmed Year: 2019), IS 302: Part 2: Sec 208: 1994+A1:2002 (Reaffirmed Year: 2019), IS 12289: 1988 (Reaffirmed Year: 2019)
834.	Safety of household and similar electrical appliances: Part 2 particular requirements: low speed food grinding machines, Electric call bells and buzzers, Vacuum cleaners and water suction cleaning Appliances, Spin extractors, Tumbler dryers, Warming plates and similar appliances, Electric heating tools, Electric steam cookers, Electric Fence Energizers, Electric water boilers, Single Walled Baking Ovens, Hand Held Electric Engraving Tools	General Note on Tests	CI-4 of IS 302-2-209: 1994+A1:2000+ A3:2010 (Reaffirmed Year:2020), IS 302: Part 2: Sec 2: 1997+A1:2002 (Reaffirmed Year:2019, IS 302: Part 2: Sec 203: 1994+A1: 2002 (Reaffirmed Year: 2019), IS 302: Part 2: Sec 4:1993+A1: 2002 (Reaffirmed Year: 2019), IS 302: Part 2: Sec 11: 1994+A1: 2002 (Reaffirmed Year: 2019), IS 302: Part 2: Sec 12: 1993 (Reaffirmed Year: 2019),

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	<b>Domestic Electrical Appliances</b>		
			IS 302: Part 2: Sec 45:1994+ A1: 2002 (Reaffirmed Year: 2019), IS 302: Part 2: Sec 46:1993 (Reaffirmed Year: 2019), IS 302: Part 2: Sec 76:1999 (Reaffirmed Year: 2019), IS 302: Part 2: Sec 204: 1994+A1:2002 (Reaffirmed Year: 2019), IS 302: Part 2: Sec 208:1994+A1:2002 (Reaffirmed Year: 2019), IS 12289: 1988 (Reaffirmed Year:2019)
835.	Safety of household and similar electrical appliances: Part 2 particular requirements: low speed food grinding machines, Electric call bells and buzzers, Vacuum cleaners and water suction cleaning Appliances, Spin extractors, Tumbler dryers, Warming plates and similar appliances, Electric heating tools, Electric steam cookers, Electric Fence Energizers, Electric water boilers, Single Walled Baking Ovens, Hand Held Electric Engraving Tools	Ratings	CI-5 of IS 302-2-209: 1994+A1:2000+ A3:20 10 (Reaffirmed Year: 2020), IS 302: Part 2: Sec 2: 1997+A1:2002 (Reaffirmed Year: 2019, IS 302: Part 2: Sec 203: 1994+A1: 2002 (Reaffirmed Year: 2019), IS 302: Part 2: Sec 4: 1993+A1: 2002 (Reaffirmed Year: 2019), IS 302: Part 2: Sec 11: 1994+A1: 2002

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		(Reaffirmed Year: 2019), IS 302: Part 2: Sec 12: 1993 (Reaffirmed Year: 2019), IS 302: Part 2: Sec 45: 1994+ A1: 2002 (Reaffirmed Year: 2019), IS 302: Part 2: Sec 46: 1993 (Reaffirmed Year: 2019), IS 302: Part 2: Sec 76: 1999 (Reaffirmed Year: 2019), IS 302: Part 2: Sec 204: 1994+A1:2002 (Reaffirmed Year: 2019), IS 302: Part 2: Sec208: 1994+A1:2002 (Reaffirmed Year: 2019), IS 12289: 1988 (Reaffirmed Year:2019)
836.		Classification	CI-6 of IS 302-2-209: 1994+A1:2000+ A3:2010 (Reaffirmed Year:2020), IS 302: Part 2:Sec 2: 1997+A1:2002 (Reaffirmed Year:2019, IS 302: Part 2: Sec 203: 1994+A1:2002 (Reaffirmed Year: 2019), IS 302: Part 2: Sec 4:1993+A1: 2002 (Reaffirmed Year: 2019), IS 302: Part 2: Sec 11:1994+A1: 2002 (Reaffirmed Year: 2019), IS 302: Part 2: Sec 12: 1993 (Reaffirmed

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
			Year: 2019), IS 302: Part 2: Sec 45: 1994+ A1: 2002 (Reaffirmed Year: 2019), IS 302: Part 2: Sec 46: 1993 (Reaffirmed Year: 2019), IS 302: Part 2: Sec 76: 1999 (Reaffirmed Year: 2019), IS 302: Part 2: Sec 204:1994+A1:2002 (Reaffirmed Year: 2019), IS 302: Part 2: Sec208:1994+ A1:2002 (Reaffirmed Year: 2019), IS 12289: 1988 (Reaffirmed Year: 2019)
837.		Marking and instructions	CI-7 of IS 302-2-209:1994+A1: 2000+A3:2010 (Reaffirmed Year: 2020), IS 302: Part 2: Sec 2: 1997+A1:2002 (Reaffirmed Year: 2019, IS 302: Part 2: Sec 203: 1994+A1: 2002 (Reaffirmed Year: 2019), IS 302: Part 2: Sec 4:1993+A1: 2002 (Reaffirmed Year: 2019), IS 302: Part 2: Sec 11:1994+A1: 2002 (Reaffirmed Year: 2019), IS 302: Part 2: Sec 12:1993 (Reaffirmed

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
			Year: 2019), IS 302: Part 2: Sec 45: 1994+ A1: 2002 (Reaffirmed Year: 2019), IS 302: Part 2: Sec 46: 1993 (Reaffirmed Year: 2019), IS 302: Part 2: Sec 76:1999 (Reaffirmed Year: 2019), IS 302: Part 2: Sec 204: 1994+A1:2002(Reaffirmed Year: 2019), IS 302: Part 2: Sec208: 1994+A1:2002 (Reaffirmed Year: 2019), IS 12289: 1988 (Reaffirmed Year: 2019)
838.		Protection against electric shock	CI-8 of IS 302-2-209: 1994+A1:2000+ A3:2010 (Reaffirmed Year: 2020), IS 302: Part 2:Sec 2: 1997+A1:2002 (Reaffirmed Year: 2019, IS 302: Part 2:Sec 203: 1994+A1:2002 (Reaffirmed Year: 2019),IS 302: Part 2: Sec 4:1993+A1: 2002 (Reaffirmed Year: 2019), IS 302: Part 2: Sec 11:1994+A1: 2002 (Reaffirmed Year: 2019),IS 302: Part 2: Sec 12: 1993 (Reaffirmed Year: 2019),

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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		
			IS 302: Part 2: Sec 45:1994+ A1: 2002 (Reaffirmed Year: 2019), IS 302: Part 2: Sec 46:1993 (Reaffirmed Year: 2019), IS 302: Part 2: Sec 76:1999 (Reaffirmed Year: 2019), IS 302: Part 2: Sec 204: 1994+A1:2002 (Reaffirmed Year: 2019), IS 302: Part 2: Sec 208: 1994+A1:2002 (Reaffirmed Year: 2019), IS 12289: 1988 (Reaffirmed Year: 2019)
839.		Input and current	CI-10 of IS 302-2-209: 1994+A1:2000+ A3:2010 (Reaffirmed Year: 2020), IS 302: Part 2: Sec 2: 1997+A1:2002 (Reaffirmed Year: 2019), IS 302: Part 2: Sec 4:1993+A1: 2002 (Reaffirmed Year: 2019), IS 302: Part 2: Sec 11:1994+A1: 2002 (Reaffirmed Year: 2019), IS 302: Part 2: Sec 12:1993 (Reaffirmed Year: 2019), IS 302: Part 2: Sec 45:1994+ A1: 2002 (Reaffirmed Year: 2019), IS 302: Part 2: Sec 46:1993

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
			(Reaffirmed Year: 2019), IS 302: Part 2: Sec 76: 1999 (Reaffirmed Year: 2019), IS 302: Part 2: Sec 204: 1994+A1:2002 (Reaffirmed Year: 2019), IS 302: Part 2: Sec208:1994+A1:2002 (Reaffirmed Year: 2019), IS 12289: 1988 (Reaffirmed Year: 2019)
840.		Temperature Rise (Heating)	CI-11 of IS 302-2-209: 1994+A1:2000+A3:2010 (Reaffirmed Year: 2020), IS 302: Part 2: Sec 2: 1997+A1:2002 (Reaffirmed Year: 2019), IS 302: Part 2:Sec 203: 1994+A1: 2002 (Reaffirmed Year: 2019), IS 302: Part 2: Sec 4: 1993+A1: 2002 (Reaffirmed Year: 2019), IS 302: Part 2: Sec 11: 1994+A1: 2002 (Reaffirmed Year: 2019), IS 302: Part 2: Sec 12:1993 (Reaffirmed Year: 2019), IS 302: Part 2: Sec 45:1994+ A1: 2002 (Reaffirmed Year: 2019), IS 302: Part 2: Sec 46:1993

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
			(Reaffirmed Year: 2019), IS 302: Part 2: Sec 76: 1999 (Reaffirmed Year: 2019), IS 302: Part 2: Sec 204: 1994+A1:2002 (Reaffirmed Year: 2019), IS 302: Part 2: Sec 208: 1994+A1:2002 (Reaffirmed Year: 2019), IS 12289: 1988 (Reaffirmed Year: 2019)
841.		Operation Under Overload Conditions of Appliances With Heating Elements	CI-12 of IS 302: Part 2: Sec 12: 1993 (Reaffirmed Year: 2019), IS 302: Part 2: Sec 45: 1994+ A1: 2002 (Reaffirmed Year: 2019), IS 302: Part 2: Sec 46: 1993(Reaffirmed Year: 2019), IS 302: Part 2: Sec 204: 1994+A1:2002 (Reaffirmed Year: 2019), IS 302: Part 2: Sec 208: 1994+A1:2002 (Reaffirmed Year: 2019), IS 12289: 1988 (Reaffirmed Year: 2019)
842.		Electrical Insulation and Leakage current at Operating Temperature	CI-13 of IS 302-2-209: 1994+A1:2000+A3:2010 (Reaffirmed Year: 2020), IS 302: Part 2: Sec 2: 1997+A1:2002

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		(Reaffirmed Year: 2019, IS 302: Part 2: Sec 203: 1994+A1: 2002(Reaffirmed Year: 2019), IS 302: Part 2: Sec 4: 1993+A1: 2002 (Reaffirmed Year: 2019), IS 302: Part 2: Sec 11: 1994+A1: 2002 (Reaffirmed Year: 2019), IS 302: Part 2: Sec 12: 1993 (Reaffirmed Year: 2019), IS 302: Part 2: Sec 45: 1994+ A1: 2002 (Reaffirmed Year: 2019), IS 302: Part 2: Sec 46: 1993 (Reaffirmed Year: 2019), IS 302: Part 2: Sec 76: 1999 (Reaffirmed Year: 2019), IS 302: Part 2: Sec 204: 1994+A1:2002 (Reaffirmed Year: 2019), IS 302: Part 2: Sec208: 1994+A1:2002 (Reaffirmed Year: 2019), IS 12289: 1988 (Reaffirmed Year: 2019)
843.		Radio and Television InterferenceSuppressions	CI-14 of IS 302-2-209: 1994+A1:2000 +A3:2010

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
			(Reaffirmed Year: 2020), IS 302: Part 2: Sec 2: 1997+A1:2002 (Reaffirmed Year: 2019, IS 302: Part 2: Sec 203: 1994+A1:2002 (Reaffirmed Year: 2019), IS 302: Part 2: Sec 4:1993+A1: 2002 (Reaffirmed Year: 2019), IS 302: Part 2: Sec 11: 1994+A1: 2002 (Reaffirmed Year: 2019), IS 302: Part 2: Sec 12: 1993 (Reaffirmed Year: 2019), IS 302: Part 2: Sec 45: 1994+ A1: 2002(Reaffirmed Year: 2019), IS 302: Part 2: Sec 46: 1993 (Reaffirmed Year: 2019), IS 302: Part 2: Sec 76: 1999 (Reaffirmed Year: 2019), IS 302: Part 2: Sec 204: 1994+A1:2002 (Reaffirmed Year: 2019), IS 302: Part 2: Sec 208: 1994+A1:2002 (Reaffirmed Year: 2019), IS 12289: 1988 (Reaffirmed Year: 2019)
844.		Moisture resistance	Cl-3 of IS 302-2-209: 1994+A1:2000+ A3:2010

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		(Reaffirmed Year: 2020), IS 302: Part 2: Sec 2: 1997+A1:2002 (Reaffirmed Year: 2019, IS 302: Part 2: Sec 203: 1994+A1: 2002 (Reaffirmed Year: 2019), IS 302: Part 2: Sec 4:1993+A1: 2002 (Reaffirmed Year: 2019), IS 302: Part 2: Sec 11:1994+A1: 2002 (Reaffirmed Year: 2019), IS 302: Part 2: Sec 12: 1993 (Reaffirmed Year: 2019), IS 302: Part 2: Sec 45:1994+ A1: 2002 (Reaffirmed Year: 2019), IS 302: Part 2: Sec 46:1993 (Reaffirmed Year: 2019), IS 302: Part 2: Sec 76:1999 (Reaffirmed Year: 2019), IS 302: Part 2: Sec 204: 1994+A1:2002 (Reaffirmed Year: 2019), IS 302: Part 2: Sec208: 1994+A1:2002 (Reaffirmed Year: 2019), IS 12289: 1988 (Reaffirmed Year: 2019)
845.		Insulation Resistance And Electric Strength (After Humidity Treatment)	CI-16 of IS 302-2-209: 1994+A1:2000 +A3:2010

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		(Reaffirmed Year: 2020), IS 302: Part 2: Sec 2: 1997+A1:2002 (Reaffirmed Year: 2019, IS 302: Part 2: Sec 203: 1994+A1:2002 (Reaffirmed Year: 2019), IS 302: Part 2: Sec 4:1993+A1: 2002 (Reaffirmed Year: 2019), IS 302: Part 2: Sec 11: 1994+A1: 2002 (Reaffirmed Year: 2019), IS 302: Part 2: Sec 12:1993 (Reaffirmed Year: 2019), IS 302: Part 2: Sec 45: 1994+ A1: 2002 (Reaffirmed Year: 2019), IS 302: Part 2: Sec 46:1993 (Reaffirmed Year: 2019), IS 302: Part 2: Sec 76: 1999 (Reaffirmed Year: 2019), IS 302: Part 2: Sec 204: 1994+A1:2002 (Reaffirmed Year: 2019), IS 302: Part 2: Sec208: 1994+A1:2002 (Reaffirmed Year: 2019), IS 12289: 1988 (Reaffirmed Year: 2019)
846.		Overload Protection	CI-17 of IS 302-2-209: 1994+A1:2000+ A3:2010(Reaffirmed Year: 2020),

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
			IS 302: Part 2: Sec 2: 1997+A1:2002 (Reaffirmed Year: 2019, IS 302: Part 2: Sec 4:1993+A1: 2002 (Reaffirmed Year: 2019), IS 302: Part 2: Sec 11:1994+A1: 2002 (Reaffirmed Year: 2019), IS 302: Part 2: Sec 12:1993 (Reaffirmed Year: 2019), IS 302: Part 2: Sec 45: 1994+ A1: 2002 (Reaffirmed Year: 2019), IS 302: Part 2: Sec 46:1993 (Reaffirmed Year: 2019), IS 302: Part 2: Sec 76: 1999 (Reaffirmed Year: 2019), IS 302: Part 2: Sec 204: 1994+A1:2002 (Reaffirmed Year: 2019), IS 302: Part 2: Sec208: 1994+A1:2002 (Reaffirmed Year: 2019), IS 12289: 1988 (Reaffirmed Year: 2019)
847.		Endurance	CI-18 of IS 302-2-209: 1994+A1:2000+A3:20 10 (Reaffirmed Year:2020), IS 302: Part 2: Sec 203: 1994+A1: 2002 (Reaffirmed Year:2019), IS 302: Part 2: Sec 4:

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
			1993+A1: 2002 (Reaffirmed Year: 2019), IS 302: Part 2: Sec 11: 1994+A1: 2002 (Reaffirmed Year: 2019), IS 302: Part 2: Sec 12:1993 (Reaffirmed Year: 2019), IS 302: Part 2: Sec 45: 1994+ A1: 2002 (Reaffirmed Year: 2019), IS 302: Part 2: Sec 46:1993 (Reaffirmed Year: 2019), IS 302: Part 2: Sec 76: 1999 (Reaffirmed Year: 2019), IS 302: Part 2: Sec 204:1994+A1:2002 (Reaffirmed Year: 2019), IS 302: Part 2: Sec208: 1994+A1:2002 (Reaffirmed Year: 2019), IS 12289: 1988 (Reaffirmed Year:2019)
848.		Abnormal Operation	CI-19 of IS 302-2-209: 1994+A1:2000+ A3:2010 (Reaffirmed Year: 2020), IS 302: Part 2: Sec 2: 1997+A1:2002 (Reaffirmed Year: 2019, IS 302: Part 2: Sec 4: 1993+A1: 2002 (Reaffirmed Year: 2019), IS 302: Part 2: Sec 11:



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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
			1994+A1: 2002 (Reaffirmed Year: 2019), IS 302: Part 2: Sec 12: 1993 (Reaffirmed Year: 2019), IS 302: Part 2: Sec 45:1994+ A1: 2002 (Reaffirmed Year: 2019), IS 302: Part 2: Sec 46:1993 (Reaffirmed Year: 2019), IS 302: Part 2: Sec 76:1999 (Reaffirmed Year: 2019), IS 302: Part 2: Sec 204: 1994+A1:2002 (Reaffirmed Year: 2019), IS 302: Part 2: Sec208: 1994+A1:2002 (Reaffirmed Year: 2019), IS 12289: 1988 (Reaffirmed Year: 2019)
849.		Stability and Mechanical Hazards	CI-20 of IS 302-2-209: 1994+A1:2000+A3:2010 (Reaffirmed Year:2020), IS 302: Part 2: Sec 2: 1997+A1:2002 (Reaffirmed Year: 2019, IS 302: Part 2: Sec 4:1993+A1: 2002 (Reaffirmed Year: 2019), IS 302: Part 2: Sec 11: 1994+A1: 2002 (Reaffirmed Year: 2019),

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
			IS 302: Part 2: Sec 12:1993 (Reaffirmed Year: 2019), IS 302: Part 2: Sec 45: 1994+ A1: 2002 (Reaffirmed Year: 2019), IS 302: Part 2: Sec 46: 1993 (Reaffirmed Year: 2019), IS 302: Part 2: Sec 76:1999 (Reaffirmed Year: 2019), IS 302: Part 2: Sec 204:1994+A1:2002 (Reaffirmed Year: 2019), IS 302: Part 2: Sec 208:1994+A1:2002 (Reaffirmed Year: 2019), IS 12289: 1988 (Reaffirmed Year: 2019)
850.		Mechanical strength	CI-21 of IS 302-2-209: 1994+A1:2000+ A3:2010 (Reaffirmed Year: 2020), IS 302: Part 2: Sec 2: 1997+A1:2002 (Reaffirmed Year: 2019), IS 302: Part 2:Sec 203: 1994+A1:2002 (Reaffirmed Year: 2019), IS 302: Part 2: Sec 4: 1993+A1: 2002 (Reaffirmed Year: 2019), IS 302: Part 2: Sec 11:1994+A1: 2002 (Reaffirmed Year: 2019),

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
			IS 302: Part 2: Sec 12: 1993 (Reaffirmed Year: 2019), IS 302: Part 2: Sec 45: 1994+ A1: 2002 (Reaffirmed Year: 2019), IS 302: Part 2: Sec 46: 1993 (Reaffirmed Year: 2019), IS 302: Part 2: Sec 76: 1999 (Reaffirmed Year: 2019), IS 302: Part 2: Sec 204: 1994+A1:2002 (Reaffirmed Year: 2019), IS 302: Part 2: Sec208: 1994+A1:2002 (Reaffirmed Year: 2019), IS 12289: 1988 (Reaffirmed Year: 2019)
851.		Construction	CI-22 of IS 302-2-209: 1994+A1:2000 +A3:2010 (Reaffirmed Year:2020), IS 302: Part 2: Sec 2: 1997+A1:2002 (Reaffirmed Year:2019, IS 302: Part 2: Sec 203: 1994+A1: 2002(Reaffirmed Year: 2019), IS 302: Part 2: Sec 4:1993+A1: 2002 (Reaffirmed Year: 2019), IS 302: Part 2: Sec 11:1994+A1: 2002 (Reaffirmed Year: 2019), IS

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
			302: Part 2: Sec 12: 1993 (Reaffirmed Year: 2019), IS 302: Part 2: Sec 45:1994+ A1: 2002 (Reaffirmed Year: 2019), IS 302: Part 2: Sec 46: 1993 (Reaffirmed Year: 2019), IS 302: Part 2: Sec 76:1999 (Reaffirmed Year: 2019), IS 302: Part 2: Sec 204:1994+A1: 2002 (Reaffirmed Year: 2019), IS 302: Part 2: Sec 208:1994 +A1:2002 (Reaffirmed Year: 2019), IS 12289: 1988 (Reaffirmed Year:2019)
852.		Internal Wiring	CI-23 of IS 302-2-209: 1994+A1:2000+A3:2010 (Reaffirmed Year:2020), IS 302: Part 2: Sec 2: 1997+A1:2002 (Reaffirmed Year: 2019, IS 302: Part 2:Sec 203: 1994+A1:2002 (Reaffirmed Year: 2019), IS 302: Part 2: Sec 4:1993+A1: 2002 (Reaffirmed Year: 2019), IS 302: Part 2: Sec 11:1994+A1: 2002 (Reaffirmed Year: 2019),

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
			IS 302: Part 2: Sec 12:1993 (Reaffirmed Year: 2019), IS 302: Part 2: Sec 45: 1994+ A1: 2002(Reaffirmed Year: 2019), IS 302: Part 2: Sec 46:1993 (Reaffirmed Year: 2019), IS 302: Part 2: Sec 76:1999 (Reaffirmed Year: 2019), IS 302: Part 2: Sec 204: 1994+A1:2002 (Reaffirmed Year: 2019), IS 302: Part 2: Sec208: 1994+A1:2002 (Reaffirmed Year: 2019), IS 12289: 1988 (Reaffirmed Year: 2019)
853.		Components (Verification Only)	CI-24 of IS 302-2-209:1994+A1:2000+ A3:2010 (Reaffirmed Year: 2020), IS 302: Part 2: Sec 2: 1997+A1:2002 (Reaffirmed Year:2019, IS 302: Part 2: Sec 203: 1994+A1:2002 (Reaffirmed Year: 2019),IS 302: Part 2: Sec 4:1993+A1: 2002(Reaffirmed Year: 2019),IS 302: Part 2: Sec 11:

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		1994+A1: 2002(Reaffirmed Year: 2019), IS 302: Part 2: Sec 12:1993 (Reaffirmed Year: 2019), IS 302: Part 2: Sec 45: 1994+ A1: 2002(Reaffirmed Year: 2019), IS 302: Part 2: Sec 46:1993 (Reaffirmed Year: 2019), IS 302: Part 2: Sec 76:1999 (Reaffirmed Year: 2019), IS 302: Part 2: Sec 204:1994+A1:2002 (Reaffirmed Year: 2019), IS 302: Part 2: Sec 208:1994 +A1:2002 (Reaffirmed Year: 2019), IS 12289: 1988 (Reaffirmed Year: 2019)
854.		Supply Connection and External Flexible Cables and Cords	CI-25 of IS 302-2-209: 1994+A1:2000+A3:2010 (Reaffirmed Year: 2020), IS 302: Part 2:Sec 2: 1997+A1:2002 (Reaffirmed Year: 2019, IS 302: Part 2: Sec 203: 1994+A1:2002 (Reaffirmed Year: 2019), IS 302: Part 2: Sec 4:1993+A1: 2002 (Reaffirmed Year: 2019), IS 302: Part 2: Sec 11:1994+A1: 2002

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		(Reaffirmed Year: 2019), IS 302: Part 2: Sec 12:1993 (Reaffirmed Year: 2019), IS 302: Part 2: Sec 45: 1994+ A1: 2002(Reaffirmed Year: 2019), IS 302: Part 2: Sec 46:1993 (Reaffirmed Year: 2019), IS 302: Part 2: Sec 76: 1999 (Reaffirmed Year: 2019), IS 302: Part 2: Sec 204: 1994+A1:2002 (Reaffirmed Year: 2019), IS 302: Part 2: Sec208: 1994+A1:2002 (Reaffirmed Year: 2019), IS 12289: 1988 (Reaffirmed Year: 2019)
855.		Terminals for external conductors	CI-26 of IS 302-2-209: 1994+A1:2000+A3:2010 (Reaffirmed Year: 2020), IS 302: Part 2:Sec 2: 1997+A1:2002 (Reaffirmed Year: 2019, IS 302: Part 2: Sec 203: 1994+A1:2002 (Reaffirmed Year: 2019), IS 302: Part 2: Sec 4:1993+A1: 2002 (Reaffirmed Year: 2019), IS 302: Part 2: Sec 11:1994+A1: 2002 (Reaffirmed Year: 2019), IS

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
			302: Part 2: Sec 12:1993 (Reaffirmed Year: 2019), IS 302: Part 2: Sec 45: 1994+ A1: 2002 (Reaffirmed Year: 2019), IS 302: Part 2: Sec 46:1993 (Reaffirmed Year: 2019), IS 302: Part 2: Sec 76:1999 (Reaffirmed Year: 2019), IS 302: Part 2: Sec 204: 1994+A1:2002 (Reaffirmed Year: 2019), IS 302: Part 2: Sec 208: 1994+A1:2002 (Reaffirmed Year: 2019), IS 12289: 1988 (Reaffirmed Year: 2019)
856.		Provision for earthing	CI-27 of IS 302-2-209: 1994+A1:2000+ A3:2010 (Reaffirmed Year: 2020), IS 302: Part 2: Sec 2: 1997+A1:2002 (Reaffirmed Year: 2019), IS 302: Part 2: Sec 203: 1994+A1:2002 (Reaffirmed Year: 2019), IS 302: Part 2: Sec 4:1993+A1: 2002 (Reaffirmed Year: 2019), IS 302: Part 2: Sec 11:1994+A1: 2002 (Reaffirmed Year: 2019), IS 302: Part 2: Sec 12:

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
			1993 (Reaffirmed Year: 2019), IS 302: Part 2: Sec 45:1994+ A1: 2002 (Reaffirmed Year: 2019), IS 302: Part 2: Sec 46: 1993 (Reaffirmed Year: 2019), IS 302: Part 2: Sec 204: 1994+A1:2002 (Reaffirmed Year: 2019), IS 302: Part 2: Sec208: 1994+A1:2002 (Reaffirmed Year: 2019), IS 12289: 1988 (Reaffirmed Year: 2019)
857.		Screws and Connections	CI-28 of IS 302-2-209:1994+A1: 2000+A3:2010 (Reaffirmed Year: 2020), IS 302: Part 2:Sec 2: 1997+A1:2002(Reaffirmed Year: 2019, IS 302: Part 2: Sec 203: 1994+A1:2002 (Reaffirmed Year: 2019), IS 302: Part 2: Sec 4:1993+A1: 2002 (Reaffirmed Year: 2019), IS 302: Part 2: Sec 11:1994+A1: 2002 (Reaffirmed Year: 2019), IS 302: Part 2: Sec 12:1993 (Reaffirmed Year: 2019), IS 302: Part 2: Sec 45:

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
			1994+ A1: 2002 (Reaffirmed Year: 2019), IS 302: Part 2: Sec 46: 1993 (Reaffirmed Year: 2019), IS 302: Part 2: Sec 76:1999 (Reaffirmed Year: 2019), IS 302: Part 2: Sec 204: 1994+A1:2002 (Reaffirmed Year: 2019), IS 302: Part 2: Sec208: 1994+A1:2002 (Reaffirmed Year: 2019), IS 12289: 1988 (Reaffirmed Year: 2019)
858.		CREEPAGE DISTANCES AND CLEARANCES	CI-29 of IS 302: Part 2: Sec 2: 1997+A1:2002 (Reaffirmed Year: 2019), IS 302: Part 2: Sec 203: 1994+A1:2002 (Reaffirmed Year: 2019), IS 302: Part 2: Sec 4: 1993+A1: 2002 (Reaffirmed Year: 2019), IS 302: Part 2: Sec 11: 1994+A1: 2002 (Reaffirmed Year: 2019), IS 302: Part 2: Sec 12: 1993 (Reaffirmed Year: 2019), IS 302: Part 2: Sec 45:1994+ A1: 2002 (Reaffirmed Year: 2019), IS 302: Part 2: Sec 46: 1993 (Reaffirmed

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
			Year: 2019), IS 302: Part 2: Sec 76: 1999 (Reaffirmed Year: 2019), IS 302: Part 2: Sec 204: 1994+A1:2002 (Reaffirmed Year: 2019), IS 302: Part 2: Sec208: 1994+A1:2002 (Reaffirmed Year: 2019), IS 12289: 1988 (Reaffirmed Year:2019)
859.		Resistance to Heat Fire and Tracking	CI-30 of IS 302-2-209:1994+A1: 2000+A3:2010 (Reaffirmed Year: 2020), IS 302: Part 2: Sec 2: 1997+A1:2002 (Reaffirmed Year: 2019, IS 302: Part 2:Sec 203: 1994+A1: 2002 (Reaffirmed Year: 2019), IS 302: Part 2: Sec 4:1993+A1: 2002 (Reaffirmed Year: 2019), IS 302: Part 2: Sec 11:1994+A1: 2002 (Reaffirmed Year: 2019), IS 302: Part 2: Sec 12:1993 (Reaffirmed Year: 2019), IS 302: Part 2: Sec 45: 1994+ A1: 2002 (Reaffirmed Year: 2019), IS 302: Part 2: Sec 46:1993

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
			(Reaffirmed Year: 2019), IS 302: Part 2: Sec 76:1999 (Reaffirmed Year: 2019), IS 302: Part 2: Sec 204: 1994+A1:2002 (Reaffirmed Year: 2019), IS 302: Part 2: Sec 208: 1994+A1:2002 (Reaffirmed Year: 2019), IS 12289: 1988 (Reaffirmed Year: 2019)
860.		Protection against electric shock	CI-31 of IS 302-2-209: 1994+A1:2000+A3:2010 (Reaffirmed Year: 2020), IS 302: Part 2: Sec 2: 1997+A1:2002 (Reaffirmed Year: 2019), IS 302: Part 2: Sec 203: 1994+A1:2002 (Reaffirmed Year: 2019), IS 302: Part 2: Sec 4: 1993+A1: 2002 (Reaffirmed Year: 2019), IS 302: Part 2: Sec 11: 1994+A1: 2002 (Reaffirmed Year: 2019), IS 302: Part 2: Sec 12: 1993 (Reaffirmed Year: 2019), IS 302: Part 2: Sec 45: 1994+ A1: 2002 (Reaffirmed Year: 2019), IS 302: Part 2: Sec 46:1993 (Reaffirmed Year: 2019), IS 302: Part 2: Sec 76: 1999 (Reaffirmed

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
			Year: 2019), IS 302: Part 2: Sec 204: 1994+A1:2002 (Reaffirmed Year: 2019), IS 302: Part 2: Sec 208: 1994+A1:2002(Reaffirmed Year: 2019), IS 12289: 1988(Reaffirmed Year: 2019)
861.		Radiation Hazard	CI-32 of IS 302-2-209: 1994+A1:2000 +A3:2010 (Reaffirmed Year: 2020), IS 302: Part 2: Sec 2: 1997+A1:2002 (Reaffirmed Year: 2019, IS 302: Part 2: Sec 203: 1994+A1:2002 (Reaffirmed Year: 2019), IS 302: Part 2: Sec 11:1994+A1: 2002 (Reaffirmed Year: 2019), IS 302: Part 2: Sec 12:1993 (Reaffirmed Year: 2019), IS 302: Part 2: Sec 45: 1994+ A1: 2002 (Reaffirmed Year: 2019), IS 302: Part 2: Sec 46:1993 (Reaffirmed Year: 2019), IS 302: Part 2: Sec 76:1999 (Reaffirmed Year: 2019), IS 302: Part 2: Sec 204: 1994+A1:2002(Reaffirmed Year: 2019),

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	<b>Domestic Electrical Appliances</b>		
			IS 302: Part 2: Sec208: 1994+A1:2002 (Reaffirmed Year: 2019), IS 12289: 1988 (Reaffirmed Year: 2019)
862.	Electric Kettles and Jugs for Household and Similar Use — Specification (Fourth Revision)	General Requirements	Cl. 4 of IS 367:1993 (Reaffirmed 2019)
863.		General Notes On Tests	Cl. 5 of IS 367:1993 (Reaffirmed 2019)
864.	Electric Kettles and Jugs for Household and Similar Use — Specification (Fourth Revision)	Rating	Cl. 6 of IS 367:1993 (Reaffirmed 2019)
865.		Classification	Cl. 7 of IS 367:1993 (Reaffirmed 2019)
866.		Marking And Instruction	Cl. 8 of IS 367:1993 (Reaffirmed 2019)
867.		Safety Requirements	Cl. 9 of IS 367:1993 (Reaffirmed 2019)
868.		List Measurements	Cl. 10 of IS 367:1993 (Reaffirmed 2019)
869.		Overall Dimensions	Cl. 11 of IS 367:1993 (Reaffirmed 2019)
870.		Mass	Cl. 12 of IS 367:1993 (Reaffirmed 2019)
871.		Water Capacity	Cl. 13 of IS 367:1993 (Reaffirmed 2019)

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	<b>Domestic Electrical Appliances</b>		
872.		Time To Boil One Litre Of Water	Cl. 14 of IS 367:1993(Reaffirmed 2019)
873.		Time To Boil Water Capacity	Cl. 15 of IS 367:1993(Reaffirmed 2019)
874.		Minimum Quantity Of Water That Can Be Boiled	Cl. 16 of IS 367:1993(Reaffirmed 2019)
875.		Temperature Of Supporting Surface	Cl. 17 of IS 367:1993(Reaffirmed 2019)
876.		Thermal Efficiency	Cl. 18 of IS 367:1993 (Reaffirmed 2019)
877.		Endurance	Cl. 19 of IS 367:1993 (Reaffirmed 2019)
878.		Finish	Cl. 20 of IS 367:1993 (Reaffirmed 2019)
879.		Tests	Cl. 21 of IS 367:1993 (Reaffirmed 2019)
880.	Safety of household and similar electrical appliances, Part 2:	Leakage current and Electric Strength at Operating Temperature	Cl-13 of IS 302: Part 2: Sec 2: 1997+A1:2002 (Reaffirmed Year: 2019)
881.	Particular requirements: (Section 2 Vacuum cleaners and water suction cleaning Appliances),	Protection Against Access to live Parts	Cl-8 of IS 302: Part 2: Sec 2: 1997+A1:2002 (Reaffirmed Year: 2019), IS 302: Part 2: Sec 74: 2024 (IEC 60335-2-74: 2021)

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	<b>Domestic Electrical Appliances</b>		
882.	Safety of household and similar electrical appliances, Part 2: Particular requirements: (Section 2 Vacuum cleaners and water suction cleaning Appliances) (Section 203 Electric call bells and buzzers), (Section 4: Spin extractors), (Section 11 Tumbler dryers)	Creepage Distances, Clearances and Distances Through Insulation	CI-29 of IS 302: Part 2: Sec 2: 1997+A1:2002 (Reaffirmed Year: 2019), IS 302: Part 2: Sec 203: 1994+A1:2002 (Reaffirmed Year: 2019), IS 302: Part 2: Sec 4:1993+A1: 2002 (Reaffirmed Year: 2019), IS 302: Part 2: Sec 11:1994+A1: 2002 (Reaffirmed Year: 2019)
883.	Household and Similar Electrical Appliances - Safety - Part 2 Particular Requirements – (Section 74 Portable Immersion Heaters), (Section 4: Spin extractors), (Section 11 Tumbler dryers), (Section 13 Deep Fat Fryers, Frying Pans and Similar Appliances), (Section 42 Commercial Electric Forced Convection Ovens, Steam Cookers and Steam- Convection Ovens), (Section 59 Insect Killers), (Section 27 Appliances for skin exposure to optical radiation),	Heating	CI-11 of IS 302: Part 2: Sec 74: 2024 (IEC 60335-2-74: 2021), IS 302: Part 2: Sec 4:1993+A1: 2002 (Reaffirmed Year: 2019), IS 302: Part 2: Sec 11: 1994+A1: 2002 (Reaffirmed Year: 2019), IS 302: Part 2: Sec 13: 2024 (IEC 60335-2-13: 2021), IS 302: Part 2: Sec 42:2024 (IEC 60335-2-42: 2021), IS 302: Part 2: Sec 59:2024 (IEC 60335-2-59: 2021), IS 302: Part 2: Sec 3: 2024 (IEC 60335-2-3: 2022),
884.	(Section 3 Electric Irons)	Leakage current and electric strength	CI-16 of IS 302: Part 2:Sec 74: 2024 (IEC 60335-2-74: 2021), IS 302: Part 2: Sec 6:2009 (Reaffirmed Year: 2014),

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	<b>Domestic Electrical Appliances</b>		
			IS 302: Part 2: Sec 13: 2024 (IEC 60335-2-13: 2021), IS 302: Part 2: Sec 42: 2024 (IEC 60335-2-42: 2021), IS 302: Part 2: Sec 59: 2024 (IEC 60335-2-59: 2021), IS 302: Part 2: Sec 3: 2024 (IEC 60335-2-3:2022),
885.	Safety of household and similar electrical appliances, Part 2: Particular requirements: (Section 45: Electric heating tools), (Section 76: Electric Fence Energizers), (Section 204 Electric water boilers)	Creepage distance & clearances	Cl. 29 of IS 302: Part 2: Sec 45: 1994+ A1: 2002 (Reaffirmed Year: 2019), IS 302: Part 2: Sec 76: 1999 (Reaffirmed Year: 2019), IS 302: Part 2: Sec 204: 1994+A1:2002 (Reaffirmed Year: 2019),
886.	Safety of household and similar electrical appliances, Part 2: Particular requirements, Section 45: Electric heating tools	Electrical Insulation at Operating Temperature	Cl. 13 of IS 302: Part 2: Sec 45: 1994+ A1: 2002 (Reaffirmed Year: 2019)
887.	Safety of Household and Similar Electrical Appliances, Part 2: Particular Requirements, Section 76:	General conditions for the tests	Cl-4 of IS 302: Part 2: Sec 76: 1999 (Reaffirmed Year: 2019)
888.	Electric Fence Energizers	Input	Cl-10 of IS 302: Part 2: Sec 76: 1999 (Reaffirmed Year: 2019)

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	<b>Domestic Electrical Appliances</b>		
889.	Household Refrigerating Appliances - Characteristics and Test Methods - Part 1 General Requirements	Classification	CI-4 of IS 17550 (Part 1):2024
890.		Markings	CI-5 of IS 17550 (Part 1):2024
891.		Technical and Commercial Product Information	CI-6 of IS 17550 (Part 1):2024
892.		Instructions	CI-7 of IS 17550 (Part 1):2024
893.		Materials, Design, and Manufacture	CI-8 of IS 17550 (Part 1):2024
894.		Testing the Air Tightness of Door or Lid Seal(s)	CI-9 of IS 17550 (Part 1):2024
895.		Testing the Opening Force of Door(S) or Lid(S)	CI-10 of IS 17550 (Part 1): 2024
896.		Testing the Durability of Hinges and Handles of Door(S) And Lid(S)	CI-11 of IS 17550 (Part 1): 2024
897.		Testing the Mechanical Strength of Shelves and Similar Component	CI-12 of IS 17550 (Part 1): 2024
898.		Water vapour condensation Test	CI-13 of IS 17550 (Part 1): 2024
899.		Ice-Making Test (If Applicable)	CI-14 of IS 17550 (Part 1): 2024
900.		Test for Absence of Odour and Taste	CI-15 of IS 17550 (Part 1): 2024
901.		Safety Requirements	CI-16 of IS 17550 (Part 1): 2024

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Electrical Testing			
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	<b>Domestic Electrical Appliances</b>		
902.		Packing	CI-17 of IS 17550 (Part 1): 2024
903.		Designation	CI-18 of IS 17550 (Part 1): 2024
904.		Instructions for Use and Maintenance	CI-19 of IS 17550 (Part 1): 2024
905.		Schedule of Tests	CI-20 of IS 17550 (Part 1): 2024
906.		Test Room and Instrumentation	Annex B of IS 17550 (Part 1): 2024
907.		Preparation Of an Appliance for Testing and General Measurement Procedures	Annex C of IS 17550 (Part 1): 2024
908.		Test Packages	Annex D of IS 17550 (Part 1): 2024
909.		Determination Of Compartment Average Air Temperatures	Annex E of IS 17550 (Part 1): 2024
910.		Details Of Identification Symbols	Annex F of IS 17550 (Part 1): 2024
911.		Items That May Be Included In a Test Report	Annex G of IS 17550 (Part 1): 2024
912.	Household Refrigerating Appliances - Characteristics and Test Methods -	Wine Storage Appliance	Annex H of IS 17550 (Part 1): 2024
913.	Part 1 General Requirements	Criteria For Eco- Label for Refrigerators	Annex J of IS 17550 (Part 1): 2024

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	<b>Domestic Electrical Appliances</b>			
914.	Household Refrigerating Appliances - Characteristics and Test Methods Part 2 Performance Requirements (First Revision)	Performance Requirements and Tests	CI-4 of IS 17550 (Part 2):2024	
915.		General Test Conditions	CI-5 of IS 17550 (Part 2): 2024	
916.		Storage Test	CI-6 of IS 17550 (Part 2):2024	
917.		Cooling Capacity Test	CI-7 of IS 17550 (Part 2):2024	
918.		Freezing Capacity Test	CI-8 of IS 17550 (Part 2):2024	
919.		Automatic Ice Making Capacity Test	CI-9 of IS 17550 (Part 2):2024	
920.		Pull-Down Test	ANNEX A of IS 17550 (Part 2): 2024	
921.		Wine Storage Appliances And Compartments; Storage Test	ANNEX B of IS 17550 (Part 2): 2024	
922.		Temperature Rise Test	ANNEX C of IS 17550 (Part 2): 2024	
923.		Water Vapour Condensation Test	ANNEX D of IS 17550 (Part 2): 2024	
924.		Household Refrigerating Appliances — Characteristics and Methods of Test Part 3 Energy Consumption and Volume (First Revision)	Applicable Test Steps For Determination Of Energy And Volume	CI-4 of IS 17550 (Part 3):2025
925.			Target Temperatures For Energy Determination	CI-5 of IS 17550 (Part 3):2025
926.	Determination Of Energy Consumption		CI-6 of IS 17550 (Part 3):2025	

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	<b>Domestic Electrical Appliances</b>		
927.		Circumvention Devices	CI-7 of IS 17550 (Part 3):2025
928.		Set Up For Energy Testing	ANNEX A of IS 17550 (Part 3): 2025
929.		Determination Of Steady State Power And Temperature	ANNEX B of IS 17550 (Part 3): 2025
930.		Defrost And Recovery Energy And Temperature Change	ANNEX C of IS 17550 (Part 3): 2025
931.		Defrost Interval	ANNEX D of IS 17550 (Part 3): 2025
932.		Interpolation Of Results	ANNEX E of IS 17550 (Part 3): 2025
933.		Energy Consumption of Specified Auxiliaries	ANNEX F of IS 17550 (Part 3): 2025
934.		Determination Of Load Processing Efficiency	NEX G of IS 17550 (Part 3): 2025
935.	Household Refrigerating Appliances — Characteristics and Methods of	Determination Of Volume	ANNEX H of IS 17550 (Part 3): 2025
936.	Test Part 3 Energy Consumption and Volume (First Revision)	Worked Examples Of Energy Consumption Calculations	ANNEX J of IS 17550 (Part 3): 2025
937.		Determination of microwave power output	CI. 8 of IEC 60705: 2024 CI 5 BEE Schedule 22 (Version 2.0)
938.	Household microwave oven	Microwave function efficiency	CI. 9 of IEC 60705:2024 CI 5 BEE Schedule 22 (Version 2.0)
939.		Energy consumption Test	CI. 10 of IEC 60705:2024

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	<b>Domestic Electrical Appliances</b>		
			CI 5 BEE Schedule 22 (Version 2.0)
940.		Power consumption in Standby Mode	Cl. 11 of IEC 60705:2024 CI 5 BEE Schedule 22 (Version 2.0) Cl. 5, 6 of IEC 62301 (Ed. 2.0): 2011
941.	Hand Held Electric Engraving Tools	Finish	CI-33 of IS 12289:1988 Reaffirmed Year: 2019)
942.		Performance Requirements	CI-101 of IS 12289:1988 Reaffirmed Year: 2019)
943.	Domestic Electric Clothes Washing Machines for Household Use	Test For performance & Assessment of performance	Cl. 8 & Cl.9 of IEC 60456: 2024, BEE Schedule 12
944.		Test Procedure for Performance tests	Cl.8.2 of IEC 60456: 2024, BEE Schedule 12
945.	Domestic Electric Clothes Washing Machines for Household Use	Measurement to determine water and energy consumption and programme duration & Evaluation of water and energy consumption and programme duration	Cl.8.3 & Cl.9.2 of IEC 60456: 2024, BEE Schedule 12
946.		Measurement To Determine the Standard Cleaning Performance & Evaluation of Cleaning Performance	Cl.8.4 & Cl.9.3 of IEC 60456: 2024, BEE Schedule 12

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*\*Scope Amended w.e.f.: 04 September 2025*

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	<b>Domestic Electrical Appliances</b>		
947.		Measurement To Determine Water Extraction Performance & Evaluation of Water Extraction Performance	Cl.8.5 & Cl.9.4 of IEC 60456: 2024, BEE Schedule 12
948.		Measurement To Determine Rinsing Performance & Evaluation of Rinsing Performance	Cl.8.6 & Cl.9.5 of IEC 60456: 2024, BEE Schedule 12

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Wiring Accessories		
1.	Electronic type fan regulators	Checking of dimensions	Cl.9.5.14, IS 11037: 2019
2.		Creepage distances and clearances	Cl.7.5, Cl.9.5.9, IS 11037: 2019
3.		Design And General Construction	Cl.6, IS 11037: 2019
4.		Earthing Connection	Cl.9.5.5, IS 11037: 2019
5.		Electrical Endurance Test	Cl.9.5.10, IS 11037: 2019
6.		Environmental Tests (Cold test)	Cl.9.5.11.2, IS 11037: 2019
7.		Environmental Tests (Dry heat test)	Cl.9.5.11.3, IS 11037: 2019
8.		Environmental Tests (Vibration test)	Cl.9.5.11.4, IS 11037: 2019
9.		High Voltage Test	Cl.9.5.3, IS 11037: 2019
10.		Insulation Resistance	Cl.7.1, Cl.9.5.4, IS 11037: 2019
11.		Leakage Current	Cl.7.2, Cl. 9.5.2, IS 11037: 2019
12.		Marking	Cl.9.1, Cl.9.2, IS 11037: 2019
13.		Mechanical Strength (Axial Pull)	Cl.7.4, IS 11037: 2019
14.		Mechanical Strength (Impact test)	Cl.9.5.8, IS 11037: 2019

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Wiring Accessories		
15.		Mechanical Strength (Scratch)	Cl.9.5.8, IS 11037: 2019
16.		Moisture resistance	Cl.9.5.7, IS 11037: 2019
17.		Performance	Cl.8, IS 11037: 2019
18.		Protection against electric shock	Cl.9.5.6, IS 11037: 2019
19.		Radio and television interference suppression test	Cl.7.6, IS 11037: 2019
20.		Resistance to abnormal heat and to fire	Cl.9.5.12, IS 11037: 2019
21.		Resistance to rusting	Cl.9.5.13, IS 11037: 2019
22.		Temperature rise	Cl.7.3, Cl.9.5.1, IS 11037: 2019
23.		Voltage drops	Cl.7.7, IS 11037: 2019

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Lamps, Luminaries & Accessories		
1.	Emergency lighting	Classification of luminaries	Cl. 5, IS 10322 (Part 5/ Sec 8): 2013
2.			Cl. 22.5, IEC 60598-2-22: 2021
3.		Battery charger for self-contained emergency luminaries	Cl. 20, IS 10322 (Part 5/ Sec 8): 2013
4.			Cl. 22.20, IEC 60598-2-22: 2021
5.		Changeover operation	Cl. 22.18, IEC 60598-2-22: 2021
6.			Cl. 18, IS 10322 (Part 5/ Sec 8): 2013
7.		Construction	Cl. 22.7, IEC 60598-2-22: 2021
8.			Cl. 7, IS 10322 (Part 5/ Sec 8): 2013
9.		Creepage distances and clearances	Cl. 22.8, IEC 60598-2-22: 2021
10.			Cl. 8, IS 10322 (Part 5/ Sec 8): 2013
11.		Insulation resistance and electric strength	Cl. 22.15, IEC 60598-2-22: 2021
12.			Cl. 15, IS 10322 (Part 5/ Sec 8): 2013
13.		Endurance test and thermal test	Cl. 22.13, IEC 60598-2-22: 2021
14.			Cl. 13, IS 10322 (Part 5/ Sec 8): 2013
15.		External and Internal Wiring	Cl. 11, IEC 60598-2-22: 2021
16.			Cl. 11, IS 10322 (Part 5/ Sec 8): 2013
17.		Functional safety	Cl. 17, IS 10322 (Part 5/ Sec 8): 2013

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Lamps, Luminaries & Accessories		
18.		High temperature operation	Cl. 22.19, IEC 60598-2-22: 2021
19.			Cl. 19, IS 10322 (Part 5/ Sec 8): 2013
20.		Insulation resistance and electric strength	Cl. 22.15, IEC 60598-2-22: 2021
21.			Cl. 15, IS 10322 (Part 5/ Sec 8): 2013
22.		Leakage current testing	Cl. 15, IEC 60598-2-22: 2021
23.			Cl. 15, IS 10322 (Part 5/ Sec 8): 2013
24.		Marking	Cl. 22.6, IEC 60598-2-22: 2021
25.			Cl. 6, IS 10322 (Part 5/ Sec 8): 2013
26.		Protection against electric shock	Cl. 12, IS 10322 (Part 5/ Sec 8): 2013
27.			Cl. 22.12, IEC 60598-2-22: 2021
28.		Provision for earthing	Cl. 22.9, IEC 60598-2-22: 2021
29.			Cl. 9, IS 10322 (Part 5/ Sec 8): 2013
30.		Resistance to dust and moisture	Cl. 22.14, IEC 60598-2-22: 2021
31.			Cl. 14, IS 10322 (Part 5/ Sec 8): 2013
32.	Resistance to heat, fire and tracking	Cl. 22.16, IEC 60598-2-22: 2021	
33.		Cl. 16, IS 10322 (Part 5/ Sec 8): 2013	

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method	
	<b>Lamps, Luminaries &amp; Accessories</b>			
34.		Rest mode and inhibition mode facilities	Cl. 22, IS 10322 (Part 5/ Sec 8): 2013	
35.		Test device for emergency operation	Cl. 22.21, IEC 60598-2-22: 2021	
36.			Cl. 21, IS 10322 (Part 5/ Sec 8): 2013	
37.		Endurance test and thermal test	Cl. 22.13, IEC 60598-2-22: 2021	
38.			Cl. 13, IS 10322 (Part 5/ Sec 8): 2013	
39.	Flood lights	Classification of luminaires	Cl. 5, IS 10322 (Part 5/Sec 5): 2013	
40.			Cl. 5.4, IEC 60598-2-5: 2015	
41.		Construction	Cl. 5.6, IEC 60598-2-5: 2015	
42.			Cl. 7, IS 10322 (Part 5/Sec 5): 2013	
43.		Creepage distance and clearances	Cl. 5.7, IEC 60598-2-5: 2015	
44.			Cl. 8, IS 10322 (Part 5/Sec 5): 2013	
45.		Endurance test and thermal test	Cl. 13, IS 10322 (Part 5/Sec 5): 2013	
46.			Cl. 5.12, IEC 60598-2-5: 2015	
47.		External And Internal Wiring	Cl. 11, IS 10322 (Part 5/Sec 5): 2013	
48.			Cl. 5.10, IEC 60598-2-5: 2015	
49.		Insulation resistance and electric strength		Cl. 15, IS 10322 (Part 5/Sec 5): 2013
50.				

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	<b>Lamps, Luminaries &amp; Accessories</b>		
51.		Insulation resistance and electric strength, touch current and protective conductor current	Cl. 5.14, IEC 60598-2-5: 2015
52.			
53.		Marking	Cl. 5.5, IEC 60598-2-5: 2015
54.			Cl. 6, IS 10322 (Part 5/Sec 5): 2013
55.		Protection against electric Shock	Cl. 12, IS 10322 (Part 5/Sec 5): 2013
56.			Cl. 5.11, IEC 60598-2-5: 2015
57.		Provision for earthing	Cl. 5.8, IEC 60598-2-5: 2015
58.			Cl. 9, IS 10322 (Part 5/Sec 5): 2013
59.		Resistance to dust and moisture	Cl. 14, IS 10322 (Part 5/Sec 5): 2013
60.			Cl. 5.13, IEC 60598-2-5 :2015
61.		Resistance to heat, fire and tracking	Cl. 16, IS 10322 (Part 5/Sec 5): 2013
62.			Cl. 5.15, IEC 60598-2-5: 2015
63.		Terminals	Cl. 10, IS 10322 (Part 5/Sec 5): 2013
64.			Cl. 5.9, IEC 60598-2-5: 2015
65.			Cl. 10, IS 10322 (Part 5/Sec 5): 2013
66.			Cl. 5.9, IEC 60598-2-5: 2015

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Lamps, Luminaries & Accessories		
67.	Fixed general purpose luminaries	Classification of luminaires	Cl. 1.5, IEC 60598-2-1: 2020
68.			Cl. 5, IS 10322 (Part 5/Sec 1): 2012
69.		Construction	Cl. 1.7, IEC 60598-2-1: 2020
70.		Construction	Cl. 7, IS 10322 (Part 5/Sec 1): 2012
71.		Creepage distance and clearances	Cl. 1.8, IEC 60598-2-1: 2020
72.			Cl. 8, IS 10322 (Part 5/Sec 1): 2012
73.		Endurance test and thermal test	Cl. 1.13, IEC 60598-2-1 :2020
74.			Cl. 13, IS 10322 (Part 5/Sec 1): 2012
75.		External and internal wiring	Cl. 1.11, IEC 60598-2-1: 2020
76.			Cl. 11, IS 10322 (Part 5/Sec 1): 2012
77.		Insulation resistance and electric strength	Cl. 1.14, IEC 60598-2-1: 2020
78.		Touch current and protective conductor current	Cl. 1.14, IEC 60598-2-1: 2020
79.		Insulation resistance and electric strength	Cl. 15, IS 10322 (Part 5/Sec 1): 2012
80.		Insulation resistance and electric strength	Cl. 15, IS 10322 (Part 5/Sec 1): 2012
81.		Marking	Cl. 1.6, IEC 60598-2-1: 2020
82.	Cl. 6, IS 10322 (Part 5/Sec 1): 2012		

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Electrical Testing				
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method	
	Lamps, Luminaries & Accessories			
83.		Protection Against Electric Shock	Cl. 1.12, IEC 60598-2-1: 2020	
84.			Cl. 12, IS 10322 (Part 5/Sec 1): 2012	
85.		Provision for Earthing	Cl. 1.9, IEC 60598-2-1: 2020	
86.			Cl. 9, IS 10322 (Part 5/Sec 1): 2012	
87.		Resistance to dust, solid objects and moisture	Cl. 1.14, IEC 60598-2-1: 2020	
88.		Resistance to dust and moisture	Cl. 14, IS 10322 (Part 5/Sec 1): 2012	
89.		Resistance to heat, fire and tracking	Cl. 1.16, IEC 60598-2-1: 2020	
90.		Resistance to heat, fire and tracking	Cl. 16, IS 10322 (Part 5/Sec 1): 2012	
91.		Terminals	Cl. 1.10, IEC 60598-2-1: 2020	
92.		Terminals	Cl. 10, IS 10322 (Part 5/Sec 1): 2012	
93.		Luminaries	Creepage distance and clearances	Cl. 11, EN 60598: 2008
94.				Cl. 11, IEC 60598-1: 2020
95.	Cl. 11, IS 10322 (Part 1): 2014			
96.	Classification of luminaires		Cl. 2, EN 60598: 2008	
97.			Cl. 2, IEC 60598-1: 2020	
98.			Cl. 2, IS 10322 (Part 1): 2014	
99.			Construction	Cl. 4, EN 60598: 2008

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Lamps, Luminaries & Accessories		
100.			Cl. 4, IEC 60598-1: 2020
101.			Cl. 4, IS 10322 (Part 1): 2014
102.			Cl. 12, EN 60598: 2008
103.		Endurance test and thermal test	Cl. 12, IEC 60598-1: 2020
104.			Cl. 12, IS 10322 (Part 1): 2014
105.			Cl. 12, IS 10322 (Part 1): 2014
106.		External and internal wiring	Cl. 5, EN 60598: 2008
107.			Cl. 5, IEC 60598-1: 2020
108.			Cl. 5, IS 10322 (Part 1): 2014
109.		Insulation resistance and electric strength, touch current and protective conductor current	Cl. 10, EN 60598: 2008
110.			Cl. 10, IEC 60598-1: 2020
111.		Insulation resistance and electric strength	Cl. 10, IS 10322 (Part 1): 2014
112.			
113.		Marking	Cl. 3, EN 60598: 2008
114.			Cl. 3, IEC 60598-1: 2020
115.			Cl. 3, IS 10322 (Part 1): 2014
116.		Protection against electric shock	Cl. 8, EN 60598: 2008
117.			Cl. 8, IEC 60598-1: 2020
118.			Cl. 8, IS 10322 (Part 1): 2014

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Lamps, Luminaries & Accessories		
119.		Provision for earthing	Cl. 7, EN 60598: 2008
120.			Cl. 7, IEC 60598-1: 2020
121.			Cl. 7, IS 10322 (Part 1): 2014
122.		Resistance to dust, solid objects and moisture	Cl. 9, EN 60598: 2008
123.			Cl. 9, IEC 60598-1: 2020
124.		Resistance to dust, solid objects and moisture	Cl. 9, IS 10322 (Part 1): 2014
125.		Resistance to heat, fire and Tracking	Cl. 13, EN 60598: 2008
126.			Cl. 13, IEC 60598-1: 2020
127.		Resistance to heat, fire and tracking	Cl. 13, IS 10322 (Part 1): 2014
128.		Screw terminals	Cl. 14, EN 60598: 2008
129.			Cl. 14, IEC 60598-1: 2020
130.			Cl. 14, IS 10322 (Part 1): 2014
131.		Screwless terminals and electrical connections	Cl. 15, EN 60598: 2008
132.	Cl. 15, IEC 60598-1: 2020		
133.	Cl. 15, IS 10322 (Part 1): 2014		
134.	Hand lamps	Classification of luminaires	Cl. 5, IS 10322 (Part 5/Sec 6): 2013
135.			Cl. 8.5, IEC 60598-2-8: 2013
136.		Construction	Cl. 7, IS 10322 (Part 5/Sec 6): 2013
137.			Cl. 8.7, IEC 60598-2-8: 2013

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	<b>Lamps, Luminaries &amp; Accessories</b>		
138.		Creepage distance and clearances	Cl. 8, IS 10322 (Part 5/Sec 6): 2013
			Cl. 8.8, IEC 60598-2-8: 2013
139.		Endurance test and thermal test	Cl. 13, IS 10322 (Part 5/Sec 6): 2013
140.			Cl. 8.13, IEC 60598-2-8: 2013
141.		External and internal wiring	Cl. 8.11, IEC 60598-2-8: 2013
			Cl. 11, IS 10322 (Part 5/Sec 6): 2013
142.		Insulation resistance and electric strength	Cl. 15, IS 10322 (Part 5/Sec 6): 2013
143.			Cl. 8.15, IEC 60598-2-8: 2013
144.			Cl. 15, IS 10322 (Part 5/Sec 6): 2013
145.		Marking	Cl. 6, IS 10322 (Part 5/Sec 6): 2013
146.			Cl. 8.6, IEC 60598-2-8: 2013
147.		Protection against electric shock	Cl. 12, IS 10322 (Part 5/Sec 6): 2013
148.			Cl. 8.12, IEC 60598-2-8: 2013
149.		Provision for earthing	Cl. 8.9, IEC 60598-2-8: 2013
150.			Cl. 9, IS 10322 (Part 5/Sec 6): 2013
151.	Cl. 9, IS 10322 (Part 5/Sec 6): 2013		
152.		Cl. 8.9, IEC 60598-2-8: 2013	
153.	Resistance to dust, solid objects and moisture	Cl. 14, IS 10322 (Part 5/Sec 6): 2013	
154.		Cl. 8.14, IEC 60598-2-8: 2013	
155.	Resistance to heat, fire and	Cl. 16, IS 10322 (Part 5/Sec 6): 2013	

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	Lamps, Luminaries & Accessories		
156.		tracking	Cl. 8.16, IEC 60598-2-8: 2013
157.		Terminals	Cl. 10, IS 10322 (Part 5/Sec 6): 2013
158.			Cl. 8.10, IEC 60598-2-8: 2013
159.			Cl. 10, IS 10322 (Part 5/Sec 6): 2013
160.			Cl. 8.10, IEC 60598-2-8: 2013
161.		External and Internal Wiring	Cl. 11, IS 10322 (Part 5/Sec 6): 2013 Cl. 8.11, IEC 60598-2-8: 2013
162.	LED modules for general lighting-safety	Classification	Cl. 6, IS 16103-1: 2012
163.		Conformity testing during manufacture	Cl.14, IS 16103-1: 2012
164.			Cl. 13, IEC 62031: 2018
165.		Construction	Cl. 14, IEC 62031: 2018
166.			Cl.15, IS 16103-1: 2012
167.		Creepage distances and clearances	Cl. 15, IEC 62031: 2018
168.			Cl.16, IS 16103-1: 2012
169.		Electric Strength	Cl. 11, IEC 62031: 2018
170.			Cl. 12, IS 16103-1: 2012
171.		Fault Conditions	Cl. 12, IEC 62031: 2018
172.			Cl.13, IS 16103-1: 2012
173.		General Test requirements	Cl. 5, IS 16103-1: 2012
174.		General Test requirements	Cl. 5, IEC 62031: 2018

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Lamps, Luminaries & Accessories		
175.		Marking	Cl. 6, IEC 62031: 2018
176.		Marking	Cl. 7, IS 16103-1: 2012
177.		Moisture Resistance and Insulation	Cl. 10, IEC 62031: 2018
178.			Cl.11, IS 16103-1: 2012
179.		Protection against accidental Contact with live parts	Cl. 9, IEC 62031: 2018
180.			Cl.10, IS 16103-1: 2012
181.		Earthing	Cl. 8, IEC 62031: 2018
182.		Provisions for protective earthing	Cl.9, IS 16103-1: 2012
183.		Resistance to Corrosion	Cl. 18, IEC 62031: 2018
184.			Cl. 19, IS 16103-1: 2012
185.		Resistance to Heat, Fire and Tracking	Cl. 17, IEC 62031: 2018
186.			Cl. 18, IS 16103-1: 2012
187.		Screws, current-carrying parts and connections	Cl. 16, IEC 62031: 2018
188.			Cl. 17, IS 16103-1: 2012
189.		Terminals	Cl. 7, IEC 62031: 2018
190.		Terminals	Cl. 8, IS 16103-1: 2012
191.	Lighting chains	Classification of luminaires	Cl. 20.5, IEC 60598-2-20: 2014
192.			Cl. 20.5, IS 10322 (Part 5/Sec 7):

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Accreditation Standard: ISO/IEC 17025:2017

Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Lamps, Luminaries & Accessories		2017
193.			Cl. 20.7, IEC 60598-2-20: 2014
194.		Construction	Cl. 20.7, IS 10322 (Part 5/Sec 7): 2017
195.		Creepage Distance and Clearance	Cl. 20.8, IEC 60598-2-20: 2014
196.			Cl. 20.8, IS 10322 (Part 5/Sec 7): 2017
197.		Endurance Test and Thermal Test	Cl. 20.13, IEC 60598-2-20: 2014
198.			Cl. 20.13, IS 10322 (Part 5/Sec 7): 2017
199.		External and Internal Wiring	Cl. 20.11, IEC 60598-2-20: 2014
200.			Cl. 20.11, IS 10322 (Part 5/Sec 7): 2017
201.		Insulation Resistance and Electric Strength	Cl. 20.15, IEC 60598-2-20: 2014
202.			Cl. 20.15, IEC 60598-2-20: 2014
203.		Insulation Resistance and Electric Strength	Cl. 20.15, IS 10322 (Part 5/Sec 7): 2017
204.			Cl. 20.15, IS 10322 (Part 5/Sec 7): 2017
205.		Marking	Cl. 20.6, IEC 60598-2-20: 2014
206.			Cl. 20.6, IS 10322 (Part 5/Sec 7): 2017
207.	Protection Against Electric	Cl. 20.12, IEC 60598-2-20: 2014	

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Electrical Testing					
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method		
	Lamps, Luminaries & Accessories				
208.		Shock	Cl. 20.12, IS 10322 (Part 5/Sec 7): 2017		
209.			Cl. 20.9, IEC 60598-2-20: 2014		
210.		Provision for Earthing		Cl. 20.9, IS 10322 (Part 5/Sec 7): 2017	
211.					
212.		Resistance to Dust, Solid Objects and moisture		Cl. 20.14, IEC 60598-2-20: 2014	
213.				Cl. 20.14, IS 10322 (Part 5/Sec 7): 2017	
214.		Resistance to heat, fire and tracking		Cl. 20.16, IEC 60598-2-20: 2014	
215.				Cl. 20.16, IS 10322 (Part 5/Sec 7): 2017	
216.		Terminals		Cl. 20.10, IEC 60598-2-20: 2014	
217.				Cl. 20.10, IS 10322 (Part 5/Sec 7): 2017	
218.				Cl. 20.10, IEC 60598-2-20: 2014	
219.				Cl. 20.10, IS 10322 (Part 5/Sec 7): 2017	
220.		Rope lights	Construction	Cl. 21.7, IEC 60598-2- 21: 2014	
221.			Construction	Cl. 21.7, IS 10322-5- 9: 2017	
222.			Creeper distances and clearance		Cl. 21.8, IEC 60598-2- 21: 2014
223.					Cl. 21.8, IS 10322-5- 9: 2017

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	<b>Lamps, Luminaries &amp; Accessories</b>		
224.		Endurance and thermal test	Cl. 21.13, IEC 60598-2- 21: 2014
225.			Cl. 21.13, IS 10322-5- 9: 2017
226.		External and Internal wiring	Cl. 21.11, IEC 60598-2- 21: 2014
227.			Cl. 21.11, IS 10322-5- 9: 2017
228.		Insulation resistance and electric strength	Cl. 21.15, IEC 60598-2- 21: 2014
229.			Cl. 21.15, IS 10322-5- 9: 2017
230.		Marking	Cl. 21.6, IEC 60598-2- 21: 2014
231.			Cl. 21.6, IS 10322-5- 9: 2017
232.		Protection against electric shock	Cl. 21.12, IEC 60598-2- 21: 2014
233.			Cl. 21.12, IS 10322-5- 9: 2017
234.		Resistance to dust, solid objects and moisture	Cl. 21.14, IEC 60598-2- 21: 2014
235.			Cl. 21.14, IS 10322-5- 9: 2017
236.		Resistance to Heat, Fire and Tracking	Cl. 21.16, IEC 60598-2- 21: 2014
237.			Cl. 21.16, IS 10322-5- 9: 2017
238.		Terminals	Cl. 21.10, IEC 60598-2- 21: 2014
239.			Cl. 21.10, IS 10322-5- 9: 2017

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Lamps, Luminaries & Accessories		
240.	Safety of lamp control gear	Classification	Cl. 6, IEC 61347-1: 2017
241.			Cl. 6, IS 15885 (Part 1): 2011
242.		Construction	Cl. 15, IEC 61347-1: 2017
243.			Cl. 15, IS 15885 (Part 1): 2011
244.		Creepage distances and clearance	Cl. 16, IEC 61347-1: 2017
245.			Cl. 16, IS 15885 (Part 1): 2011
246.		Electric strength	Cl. 12, IEC 61347-1: 2017
247.			Cl. 12, IS 15885 (Part 1): 2011
248.		Fault Conditions	Cl. 14, IEC 61347-1: 2017
249.			Cl. 14, IS 15885 (Part 1): 2011
250.		Marking	Cl. 7, IEC 61347-1: 2017
251.			Cl. 7, IS 15885 (Part 1): 2011
252.		Moisture Resistance and Insulation	Cl. 11, IEC 61347-1: 2017
253.		Moisture Resistance and Insulation	Cl. 11, IEC 61347-1: 2017
254.	Cl. 11, IS 15885 (Part 1): 2011		

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	<b>Lamps, Luminaries &amp; Accessories</b>		
255.		Protection Against Accidental Contact with Live Parts	Cl. 10, IEC 61347-1: 2017
256.			Cl. 10, IS 15885 (Part 1): 2011
257.		Provision for Protective Earthing	Cl. 9, IEC 61347-1: 2017
258.			Cl. 9, IS 15885 (Part 1): 2011
259.		Resistance to Corrosion	Cl. 19, IEC 61347-1: 2017
260.			Cl. 19, IS 15885 (Part 1): 2011
261.		Resistance to Heat, Fire and Tracking	Cl. 18, IEC 61347-1: 2017
262.			Cl. 18, IS 15885 (Part 1): 2011
263.		Terminals	Cl. 8, IEC 61347-1: 2017
264.			Cl. 8, IEC 61347-1: 2017
265.			Cl. 8, IS 15885 (Part 1): 2011
266.			Cl. 8, IS 15885 (Part 1): 2011
267.		Screws, Current Carrying Parts and Connections	Cl. 17, IEC 61347-1: 2017
268.			Cl. 17, IS 15885 (Part 1): 2011
269.		Thermal endurance test for winding of ballasts	Cl. 13, IEC 61347-1: 2017

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	<b>Lamps, Luminaries &amp; Accessories</b>		
270.		Thermal endurance test for winding of ballasts	Cl. 13, IS 15885 (Part 1): 2011
271.	Safety of lamp control gear - D.C. or A.C. supplied electronic control gear for LED module	Construction	Cl. 16, IS 15885 (Part 2/Sec 13): 2012
272.		Creepage distances and clearances	Cl. 17, IS 15885 (Part 2/Sec 13): 2012
273.		Fault Conditions	Cl. 14, IS 15885 (Part 2/Sec 13): 2012
274.		Moisture resistance and insulation	Cl. 11, IS 15885 (Part 2/Sec 13): 2012
275.		Protection against accidental contact with live parts	Cl. 8, IS 15885 (Part 2/Sec 13): 2012
276.		Provisions for protective earthing	Cl. 10, IS 15885 (Part 2/Sec 13): 2012
277.		Terminals	Cl. 9, IS 15885 (Part 2/Sec 13): 2012
278.		Transformer heating	Cl. 15, IS 15885 (Part 2/Sec 13): 2012
279.		Safety of lamp control gear- D.C. or A.C. supplied electronic control gear for LED module electric Strength	Cl. 12, IS 15885 (Part 2/Sec 13): 2012
280.		Resistance to corrosion	Cl. 20, IS 15885 (Part 2/Sec 13): 2012
281.		Resistance to heat, fire and tracking	Cl. 19, IS 15885 (Part 2/Sec 13): 2012

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	<b>Lamps, Luminaries &amp; Accessories</b>		
282.		Screws, current- carrying parts and connection	Cl. 18, IS 15885 (Part 2/Sec 13): 2012
283.		Marking	Cl. 7, IS 15885 (Part 2/Sec 13): 2012
284.		Classification	Cl. 6, IS 15885 (Part 2/Sec 13): 2012
285.		Thermal endurance test for winding of ballasts	Cl. 13, IS 15885 (Part 2/Sec 13):2012
286.		Construction	Cl. 16, IEC 61347-2-13: 2016
287.		Creepage distances and clearances	Cl. 17, IEC 61347-2-13: 2016
288.		Electric strength	Cl. 12, IEC 61347-2-13: 2016
289.		Fault conditions	Cl. 14, IEC 61347-2-13: 2016
290.		Moisture resistance and insulation	Cl. 11, IEC 61347-2-13: 2016
291.		Protection against accidental contact with five parts	Cl. 8, IEC 61347-2-13: 2016
292.		Provisions for protective earthing	Cl. 10, IEC 61347-2-13:2016
293.		Resistance to corrosion	Cl. 20, IEC 61347-2-13: 2016
294.		Resistance to heat, fire and tracking	Cl. 19, IEC 61347-2-13: 2016
295.		Resistance to heat, fire and tracking	Cl. 19, IEC 61347-2-13: 2016
296.		Screws, current- carrying parts and connection	Cl. 18, IEC 61347-2-13: 2014

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	<b>Lamps, Luminaries &amp; Accessories</b>		
297.		Terminals	Cl. 9, IEC 61347-2-13: 2016
298.		Thermal endurance test for winding of ballasts	Cl. 13, IEC 61347-2-13: 2016
299.		Transformer heating	Cl. 15, IEC 61347-2-13: 2016
300.		Classification	Cl. 6, IEC 61347-2-13: 2016
301.		Marking	Cl. 7, IEC 61347-2-13: 2016
302.		CAP temperature rise	Cl. 10, IS 16102 (Part 1): 2012
303.		Creepage distances and	Cl. 14, IS 16102 (Part 1): 2012
304.		Fault condition	Cl. 13, IS 16102 (Part 1): 2012
305.		Insulation resistance and electric strength after the humidity treatment	Cl. 8, IS 16102 (Part 1): 2012
306.	Self-Ballasted LED Lamps for general lighting services	Interchangeability	Cl. 6, IS 16102 (Part 1): 2012
307.		Marking	Cl. 5, IS 16102 (Part 1): 2012
308.		Mechanical strength	Cl. 9, IS 16102 (Part 1): 2012
309.		Protection against accidental contacts with live parts	Cl. 7, IS 16102 (Part 1): 2012
310.		Resistance to flame and ignition	Cl. 12, IS 16102 (Part 1): 2012
311.		Resistance to heat	Cl. 11, IS 16102 (Part 1): 2012
312.	Portable general-purpose luminaries	Classification of luminaires	Cl. 4, IS 10322 (Part 5/Sec 4): 1987
313.			Cl. 4.5, IEC 60598-2-4: 2017

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Lamps, Luminaries & Accessories		
314.		Construction	Cl. 4.7, IEC 60598-2-4: 2017
315.			Cl. 6, IS 10322 (Part 5/Sec 4): 1987
316.		Creepage distance and clearances	Cl. 7, IS 10322 (Part 5/Sec 4): 1987
317.			Cl. 4.8, IEC 60598-2-4: 2017
318.		Endurance test and terminal test	Cl. 4.13, IEC 60598-2-4: 2017
319.			Cl. 13.4, IS 10322 (Part 5/Sec 4): 1987
320.		Endurance test and thermal test	Cl. 13.4, IS 10322 (Part 5/Sec 4): 1987
321.		External and Internal wiring	Cl. 10, IS 10322 (Part 5/Sec 4): 1987
322.			Cl. 4.11, IEC 60598-2-4: 2017
323.		Insulation resistance and electric strength	Cl. 13.6, IS 10322 (Part 5/Sec 4): 1987
324.			Cl. 4.15, IEC 60598-2-4: 2017
325.		Marking	Cl. 4.6, IEC 60598-2-4: 2017
326.			Cl. 5, IS 10322 (Part 5/Sec 4): 1987
327.		Mechanical strength	Cl. 13.3, IS 10322 (Part 5/Sec 4): 1987
328.		Protection against electric Shock	Cl. 11, IS 10322 (Part 5/Sec 4): 1987
329.			Cl. 4.12, IEC 60598-2-4: 2017

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Lamps, Luminaries & Accessories		
330.		Provision for earthing	Cl. 4.9, IEC 60598-2-4: 2017
331.		Provision for earthing	Cl. 8, IS 10322 (Part 5/Sec 4): 1987
332.		Resistance to dust and moisture	Cl. 13.5, IS 10322 (Part 5/Sec 4): 1987
333.			Cl. 4.14, IEC 60598-2-4: 2017
334.		Resistance to heat, fire and tracking	Cl. 13.7, IS 10322 (Part 5/Sec 4): 1987
335.			Cl. 4.16, IEC 60598-2-4: 2017
336.		Terminals	Cl. 4.10, IEC 60598-2-4: 2017
337.			Cl. 9, IS 10322 (Part 5/Sec 4): 1987
338.		Terminals	Cl. 9, IS 10322 (Part 5/Sec 4): 1987
339.		Visual examination	Cl. 13.2, IS 10322 (Part 5/Sec 4): 1987
340.		Recessed luminaires	Protection against electric shock
341.	Classification of luminaires		Cl. 2.5, IEC 60598-2-2: 2011
342.			Cl. 5, IS 10322 (Part 5/Sec 2): 2012
343.	Construction		Cl. 2.7, IEC 60598-2-2: 2011
344.			Cl. 7, IS 10322 (Part 5/Sec 2): 2012
345.			Cl. 7, IS 10322 (Part 5/Sec 2): 2012

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Lamps, Luminaries & Accessories		
346.			Cl. 2.7, IEC 60598-2-2: 2011
347.		Creepage distance and clearances	Cl. 2.8, IEC 60598-2-2: 2011
348.			Cl. 8, IS 10322 (Part 5/Sec 2): 2012
349.		Endurance test and thermal test	Cl. 13, IS 10322 (Part 5/Sec 2): 2012
350.			Cl. 2.13, IEC 60598-2-2: 2011
351.		External and Internal wiring	Cl. 11, IS 10322 (Part 5/Sec 2): 2012
352.			Cl. 2.11, IEC 60598-2-2: 2011
353.		Insulation resistance and electric strength	Cl. 15, IS 10322 (Part 5/Sec 2): 2012
354.		Insulation Resistance and Electric Strength	Cl. 15, IS 10322 (Part 5/Sec 2): 2012
355.		Insulation resistance and electric strength, touch current and protective conductor current	Cl. 2.15, IEC 60598-2-2: 2011
356.			Cl. 2.15, IEC 60598-2-2: 2011
357.		Marking	Cl. 2.6, IEC 60598-2-2: 2011
358.			Cl. 6, IS 10322 (Part 5/Sec 2): 2012
359.		Protection against electric shock	Cl. 2.12, IEC 60598-2-2: 2011
			Cl. 12, IS 10322 (Part 5/Sec 2): 2012
360.		Provision for earthing	Cl. 2.9, IEC 60598-2-2: 2011

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Electrical Testing					
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method		
	Lamps, Luminaries & Accessories				
361.	Lamps, Luminaries & Accessories		Cl. 2.9, IEC 60598-2-2: 2011		
362.			Cl. 9, IS 10322 (Part 5/Sec 2): 2012		
363.			Cl. 9, IS 10322 (Part 5/Sec 2): 2012		
364.			Resistance to Dust and Moisture	Cl. 14, IS 10322 (Part 5/Sec 2): 2012	
365.			Resistance to Dust and Moisture	Cl. 2.14, IEC 60598-2-2: 2011	
366.			Resistance to Heat, Fire and Tracking	Cl. 16, IS 10322 (Part 5/Sec 2): 2012	
367.				Cl. 2.16, IEC 60598-2-2: 2011	
368.			Terminals	Cl. 10, IS 10322 (Part 5/Sec 2): 2012	
369.				Cl. 2.10, IEC 60598-2-2: 2011	
370.				Cl. 10, IS 10322 (Part 5/Sec 2): 2012	
371.				Cl. 2.10, IEC 60598-2-2: 2011	
372.				Cl. 2.10, IEC 60598-2-2: 2011	
373.			Luminaries for road and street lighting	Classification of luminaries	Cl. 3.4, IEC 60598-2-3: 2002
374.					Cl. 5, IS 10322 (Part 5/Sec 3): 2012
375.	Construction	Cl. 3.6, IEC 60598-2-3: 2002			
376.		Cl. 7, IS 10322 (Part 5/Sec 3): 2012			
377.		Creepage distance and		Cl. 3.7, IEC 60598-2-3: 2002	

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	<b>Lamps, Luminaries &amp; Accessories</b>		
378.		clearance	Cl. 8, IS 10322 (Part 5/Sec 3): 2012
379.			Cl. 13, IS 10322 (Part 5/Sec 3): 2012
380.		Endurance test and thermal test	Cl. 3.12, IEC 60598-2-3: 2002
381.			Cl. 13, IS 10322 (Part 5/Sec 3): 2012
382.		External and Internal wiring	Cl. 11, IS 10322 (Part 5/Sec 3): 2012
383.			Cl. 3.10, IEC 60598-2-3: 2002
384.		Insulation resistance and electric strength	Cl. 15, IS 10322 (Part 5/Sec 3): 2012
385.		Insulation resistance and electric strength	Cl. 15, IS 10322 (Part 5/Sec 3): 2012
386.		Insulation resistance and electric strength, touch current and protective conductor current	Cl. 3.14, IEC 60598-2-3: 2002
387.			Cl. 3.14, IEC 60598-2-3: 2002
388.		Marking	Cl. 3.5, IEC 60598-2-3: 2002
389.			Cl. 6, IS 10322 (Part 5/Sec 3): 2012
390.		Protection against electric shock	Cl. 12, IS 10322 (Part 5/Sec 3): 2012
391.			Cl. 3.11, IEC 60598-2-3: 2002
392.		Provision for earthing	Cl. 3.8, IEC 60598-2-3: 2002
393.			Cl. 9, IS 10322 (Part 5/Sec 3): 2012

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### Scope of Accreditation

*Classic Testing & Research Centre*

B-17, Sector-65,

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QAI/CIA/TL/2024/0047

Valid from: 08 March 2024

\*Scope Amended w.e.f.: 04 September 2025

Valid until: 07 March 2026

Accreditation Standard: ISO/IEC 17025:2017

Electrical Testing				
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method	
	<b>Lamps, Luminaries &amp; Accessories</b>			
394.			Cl. 3.8, IEC 60598-2-3: 2002	
395.			Cl. 9, IS 10322 (Part 5/Sec 3): 2012	
396.			Cl. 14, IS 10322 (Part 5/Sec 3): 2012	
397.			Resistance to dust and moisture	Cl. 3.13, IEC 60598-2-3: 2002
398.			Resistance to heat, fire and tracking	Cl. 16, IS 10322 (Part 5/Sec 3): 2012
399.				Cl. 3.15, IEC 60598-2-3: 2002
400.			Terminals	Cl. 10, IS 10322 (Part 5/Sec 3): 2012
401.				Cl. 3.9, IEC 60598-2-3: 2002
402.				Cl. 10, IS 10322 (Part 5/Sec 3): 2012
403.				Cl. 3.9, IEC 60598-2-3: 2002
404.	Screwless terminals and electrical connection	Cl. 3.9, IEC 60598-2-3: 2002		
405.	Lighting chains	Classification of luminaires	Cl.20.5, IEC 60598-2-20: 2022	
406.	Lighting chains	Construction	Cl.20.7, IEC 60598-2-20: 2022	
407.	Lighting chains	Creepage distance and clearance	Cl.20.8, IEC 60598-2-20: 2022	
408.	Lighting chains	Endurance test and thermal test	Cl.20.13, IEC 60598-2-20: 2022	
409.	Lighting chains	External and internal wiring	Cl.20.11, IEC 60598-2-20: 2022	
410.	Lighting chains	Insulation resistance and	Cl.20.15, IEC 60598-2-20: 2022	

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Accreditation Standard: ISO/IEC 17025:2017

Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	<b>Lamps, Luminaries &amp; Accessories</b>		
		electric strength	
411.	Lighting chains	Marking	Cl.20.6, IEC 60598-2-20: 2022
412.	Lighting chains	Protection against electric shock	Cl.20.12, IEC 60598-2-20: 2022
413.	Lighting chains	Provision for earthing	Cl.20.9, IEC 60598-2-20: 2022
414.	Lighting chains	Resistance to dust, solid objects and moisture	Cl.20.14, IEC 60598-2-20: 2022
415.	Lighting chains	Resistance to heat, fire and tracking	Cl.20.16, IEC 60598-2-20: 2022
416.	Lighting Chains	Terminals	Cl.20.10, IEC 60598-2-20: 2022
417.	Recessed luminaries	Classification of luminaires	Cl.2.5, IEC 60598-2-2: 2023
418.	Recessed luminaries	Construction	Cl.2.7, IEC 60598-2-2: 2023
419.	Recessed luminaries	Creepage distance and clearances	Cl.2.8, IEC 60598-2-2: 2023
420.	Recessed luminaries	Endurance test and thermal test	Cl.2.13, IEC 60598-2-2: 2023
421.	Recessed luminaries	External and internal wiring	Cl.2.11, IEC 60598-2-2: 2023
422.	Recessed luminaries	Insulation resistance and electric strength, touch current and protective conductor current	Cl.2.15, IEC 60598-2-2: 2023
423.	Recessed luminaries	Marking	Cl.2.6, IEC 60598-2-2: 2023

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*Accreditation Standard: ISO/IEC 17025:2017*

Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	<b>Lamps, Luminaries &amp; Accessories</b>		
424.	Recessed luminaries	Protection against electric shock	Cl.2.12, IEC 60598-2-2: 2023
425.	Recessed luminaries	Provision for earthing	Cl.2.9, IEC 60598-2-2: 2023
426.	Recessed luminaries	Resistance to dust and moisture	Cl.2.14, IEC 60598-2-2: 2023
427.	Recessed Luminaries	Resistance to heat, fire and tracking	Cl.2.16, IEC 60598-2-2: 2023
428.	Recessed luminaries	Terminals	Cl.2.10, IEC 60598-2-2: 2023

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Safety Testing Facility		
1.	Appliances for heating liquids	Abnormal Operation	Cl.19 of IEC 60335-2-15:2012+ A1+A2
2.		Internal Wiring	Cl.23 of IEC 60335-2-15:2012+ A1+A2
3.		Abnormal Operation	Cl.19 of IS 302-2-15:2009
4.		Clearances, creepage Distances and solid insulation	Cl.29 of IS 302-2-15:2009
5.		Clearances, creepage distances and solid insulation	Cl.29 of IS 302-2-15:2009
6.		Clearances, creepage distances and solid insulation	Cl.29 of IEC 60335-2-15:2012 +A1+A2
7.		Clearances, creepage distances and solid insulation	Cl.29 of IEC 60335-2-15:2012+ A1+A2
8.		Components	Cl.24 of IS 302-2-15:2009
9.		Components	Cl.24, IEC 60335-2-15:2012+ A1+A2
10.		Construction	Cl.22 of IS 302-2-15:2009
11.		Construction	Cl.22, IEC 60335-2-15:2012+ A1+A2
12.		Heating	Cl.11 of IS 302-2-15:2009
13.		Heating	Cl.11, IEC 60335-2-15:2012+ A1+A2
14.		Internal Wiring	Cl.23 of IS 302-2-15:2009
15.		Leakage current and electric strength	Cl.16 of IS 302-2-15:2009

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Safety Testing Facility		
16.		Leakage current and electric strength	Cl.16 of IEC 60335-2-15:2012 +A1+A2
17.		Leakage current and electric Strength at operating temperature	Cl. 13 of IEC 60335-2-15:2012+ A1+A2
18.		Leakage current and electric strength at operating temperature	Cl.13 of IS 302-2-15:2009
19.		Marking and instructions	Cl.7 of IS 302-2-15:2009
20.		Marking and instructions	Cl.7 of IEC 60335-2-15:2012+ A1+A2
21.		Mechanical strength	Cl.21 of IS 302-2-15:2015
22.		Mechanical strength	Cl.21 of IEC 60335-2-15:2012+ A1+A2
23.		Moisture resistance	Cl.15 of IS 302-2-15:2009
24.		Moisture resistance	Cl.15, IEC 60335-2-15:2012+ A1+A2
25.		Overload protection of transformer and associated circuits	Cl.17 of IS 302-2-15:2009
26.		Overload protection of transformer and associated circuits	Cl.17, IEC 60335-2-15:2012 +A1+A2
27.		Power input and current	Cl.10 of IS 302-2-15:2009
28.		Power Input and current	Cl.10 of IS 302-2-15:2009

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Safety Testing Facility		
29.		Power Input and current	Cl.10 of IS 302-2-15:2009
30.		Power Input and current	Cl.10, IEC 60335-2-15:2012 +A1+A2
31.		Power Input and current	Cl.10, IEC 60335-2-15:2012 +A1+A2
32.		Power Input and current	Cl.10, IEC 60335-2-15:2012 +A1+A2
33.		Protection against access to live parts	Cl.8 of IS 302-2-15:2009
34.		Protection against access to live parts	Cl. 8 of IEC 60335-2-15:2012 +A1+A2
35.		Provision for earthing	Cl.27 of IS 302-2-15:2009
36.		Provision for earthing	Cl.27, IEC 60335-2-15:2012 +A1+A2
37.		Radiation, toxicity and similar hazards	Cl.32 of IS 302-2-15:2009
38.		Radiation, toxicity and similar hazards	Cl.32, IEC 60335-2-15:2012 +A1+A2
39.		Resistance to heat and fire	Cl.30 of IS 302-2-15:2009
40.		Resistance to heat and fire	Cl.30 of IS 302-2-15:2009
41.		Resistance to heat and fire	Cl.30, IEC 60335-2-15:2012+A1+A2
42.		Resistance to heat and fire	Cl.30, IEC 60335-2-15:2012+A1+A2

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Safety Testing Facility		
43.		Test for harmonic distortion	Cl. 17, IS 374:2019 AMD 1: 2022
44.		Resistance to rusting	Cl.31 of IS 302-2-15:2009
45.		Resistance to rusting	Cl.31, IEC 60335-2-15:2012+ A1+A2
46.		Screws and connections	Cl.28 of IS 302-2-15:2009
47.		Screws and connections	Cl.28, IEC 60335-2-15:2012 +A1+A2
48.		Stability and mechanical hazards	Cl.20 of IS 302-2-15:2009
49.		Stability and mechanical hazards	Cl.20, IEC 60335-2-15:2012+ A1+A2
50.		Supply connection and external flexible cords	Cl.25 of IS 302-2-15:2009
51.		Supply connection and external flexible cords	Cl.25 of IS 302-2-15:2009
52.		Supply connection and external flexible cords	Cl.25, IEC 60335-2-15:2012 +A1 +A2
53.		Supply connection and external flexible cords	Cl.25, IEC 60335-2-15:2012 +A1+A2
54.		Terminal for external conductor	Cl.26 of IS 302-2-15:2009
55.		Terminal for external conductor	Cl.26, IEC 60335-2-15:2012+ A1+A2
56.		Transient over voltage	Cl.14 of IS 302-2-15:2009
57.		Transient over voltage	Cl.14, IEC 60335-2-15:2012 +A1+A2

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Safety Testing Facility		
58.	Cooking ranges, Hobs, Ovens and similar appliances	Abnormal operation	Cl.19 of IS 302-2-6:2009
59.		Abnormal operation	Cl.19, IEC 60335-2-6:2014+A1
60.		Clearances, creepage distances and solid insulation	Cl.29 of IS 302-2-6:2009
61.		Clearances, creepage distances and solid insulation	Cl.29, IEC 60335-2-6:2014+A1
62.		Components	Cl.24 of IS 302-2-6:2009
63.		Components	Cl.24, IEC 60335-2-6:2014+A1
64.		Construction	Cl.22 of IS 302-2-6:2009
65.		Construction	Cl.22, IEC 60335-2-6:2014+A1
66.		Heating	Cl.11 of IS 302-2-6:2009
67.		Heating	Cl.11 of IS 302-2-6:2009
68.		Heating	Cl.11, IEC 60335-2-6:2014+A1
69.		Heating	Cl.11, IEC 60335-2-6:2014+A1
70.		Internal wiring	Cl.23 of IS 302-2-6:2009
71.		Internal wiring	Cl.23, IEC 60335-2-6:2014+A1
72.		Leakage current and electric strength	Cl.16 of IS 302-2-6:2009
73.	Leakage current and electric strength	Cl.16, IEC 60335-2-6:2014+A1	

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Safety Testing Facility		
74.		Leakage current and electric strength	Cl.13 of IS 302-2-6:2009
75.		Leakage current and electric strength	Cl.13, IEC 60335-2-6:2014+A1
76.		Marking and instructions	Cl.7 of IS 302-2-6:2009
77.		Marking and instructions	Cl.7 of IEC 60335-2-6:2014+A1
78.		Mechanical strength	Cl.21 of IS 302-2-6:2009
79.		Mechanical strength	Cl.21, IEC 60335-2-6:2014+A1
80.		Moisture resistance	Cl.15 of IS 302-2-6:2009
81.		Moisture resistance	Cl.15, IEC 60335-2-6:2014+A1
82.		Overload protection of transformer and associated circuits	Cl. 17 of IS 302-2-6:2009
83.		Overload protection of transformer and associated circuits	Cl.17, IEC60335-2-6:2014+A1
84.		Power input and current	Cl.10 of IS 302-2-6:2009
85.		Power input and current	Cl.10 of IS 302-2-6:2009
86.		Power input and current	Cl.10 of IS 302-2-6:2009
87.		Power input and current	Cl.10, IEC 60335-2-6:2014+A1
88.		Power input and current	Cl.10, IEC 60335-2-6:2014+A1
89.		Power input and current	Cl.10, IEC 60335-2-6:2014+A1

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Safety Testing Facility		
90.		Protection against access to live Parts	Cl.8 of IS 302-2-6:2009
91.		Protection against access to live Parts	Cl.8, IEC 60335-2-6:2014+A1
92.		Provision for earthing	Cl.27 of IS302-2-6:2009
93.		Provision for earthing	Cl.27, IEC 60335-2-6:2014+A1
94.		Radiation, toxicity and similar hazards	Cl.32 of IS 302-2-6:2009
95.		Radiation, toxicity and similar hazards	Cl.32, IEC 60335-2-6:2014+A1
96.		Resistance to heat and fire	Cl.30 of IS 302-2-6:2009
97.		Resistance to heat and fire	Cl.30 of IS 302-2-6:2009
98.		Resistance to heat and fire	Cl.30, IEC 60335-2-6:2014+A1
99.		Resistance to heat and fire	Cl.30, IEC 60335-2-6:2014+A1
100.		Resistance to rusting	Cl.31 of IS 302-2-6:2009
101.		Resistance to rusting	Cl.31, IEC 60335-2-6:2014+A1
102.		Screws and connections	Cl.28 of IS 302-2-6:2009
103.		Screws and connections	Cl.28, IEC 60335-2-6:2014+A1
104.		Stability and mechanical hazards	Cl.20 of IS 302-2-6:2009
105.		Stability and mechanical hazards	Cl.20, IEC 60335-2-6:2014+A1
106.		Supply connection and external flexible cords	Cl.25 of IS 302-2-6:2009

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Electrical Testing				
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method	
	<b>Safety Testing Facility</b>			
107.		Supply connection and external flexible cords	Cl.25 of IS 302-2-6:2009	
108.		Supply connection and external flexible cords	Cl.25, IEC 60335-2-6:2014+A1	
109.		Supply connection and external flexible cords	Cl.25, IEC 60335-2-6:2014+A1	
110.		Terminal for external conductor	Cl.26 of IS 302-2-6:2009	
111.		Terminal for external conductor	Cl.26, IEC 60335-2-6:2014+A1	
112.		Transient over voltage	Cl.14 of IS 302-2-6:2009	
113.		Transient over voltage	Cl.14, IEC 60335-2-6:2014+A1	
114.		Clearances, creepage distances and solid insulation	Cl.29 of IS 302-2-6:2009	
115.		Clearances, creepage distances and solid insulation	Cl.29, IEC 60335-2-6:2014+A1	
116.		Domestic electric clothes washing machines	Abnormal operation	Cl.19, IEC 60335-2-7:2019
117.			Abnormal operation	Cl.19, IS 302-2-7:2010
118.			Ageing test for elastomeric parts	Annex BB, IEC 60335-2-7; IS 3400-6:2018
119.			Ageing test for elastomeric parts	Annex BB, IS 302-2-7; IS 3400-6:2018
120.			Components	Cl.24 of IS 302-2-7:2010
121.	Components		Cl.24, IEC 60335-2-7:2019	
122.	Construction		Cl.22, IEC 60335-2-7:2019	

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Safety Testing Facility		
123.		Construction	Cl.22, IS 302-2-7:2010
124.		Creepage distances, clearances and solid insulation	Cl.29, IEC 60335-2-7:2019
125.		Creepage distances, clearances and solid insulation	Cl.29, IS 302-2-7:2010
126.		Heating	Cl.11, IEC 60335-2-7:2019
127.		Heating	Cl.11, IS 302-2-7:2010
128.		Input and current (Current)	Cl.10, IEC 60335-2-7:2019
129.		Input and current (Current)	Cl.10, IS 302-2-7:2010
130.		Input and current (Input)	Cl.10, IEC 60335-2-7:2019
131.		Input and current (Input)	Cl.10, IS 302-2-7:2010
132.		Internal wiring	Cl.23, IEC 60335-2-7:2019
133.		Internal wiring	Cl.23, IS 302-2-7:2010
134.		Leakage current and electric strength after humidity	Cl.16, IEC 60335-2-7:2019
135.		Leakage current and electric strength after humidity	Cl.16, IS 302-2-7:2010
136.		Leakage current and electric strength after humidity	Cl.13, IEC 60335-2-7:2019
137.		Leakage current and electric strength after humidity	Cl.13, IS 302-2-7:2010
138.		Marking/Marking and instructions	Cl.7 of IS 302-2-7:2010
139.		Marking/Marking and instructions	Cl.7, IEC 60335-2-7:2019

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Safety Testing Facility		
140.		Mechanical strength	Cl.21, IEC 60335-2-7:2019
141.		Mechanical Strength	Cl.21, IS 302-2-7:2010
142.		Moisture resistance	Cl.15, IEC 60335-2-7:2019
143.		Moisture resistance	Cl.15, IS 302-2-7:2010
144.		Overload protection of transformer and associated circuits	Cl.17 of IS 302-2-7:2010
145.		Overload protection of transformer and associated circuits	Cl.17, IEC 60335-2-7:2019
146.		Protection against access to live parts	Cl.8, IEC 60335-2-7:2019
147.		Protection against access to live parts	Cl.8, IS 302-2-7:2010
148.		Provision For earthing	Cl.27, IEC 60335-2-7:2019
149.		Provision For earthing	Cl.27, IS 302-2-7:2010
150.		Radiation, toxicity and similar Hazards	Cl.32, IEC 60335-2-7:2019
151.		Radiation, toxicity and similar Hazards	Cl.32, IS 302-2-7:2010
152.		Resistance to heat and fire	Cl.30, IEC 60335-2-7:2019
153.		Resistance to heat and fire	Cl.30, IS 302-2-7:2010
154.		Resistance to rusting	Cl.31, IEC 60335-2-7:2019
155.		Resistance to rusting	Cl.31, IS 302-2-7:2010

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### Scope of Accreditation

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QAI/CIA/TL/2024/0047

Valid from: 08 March 2024

\*Scope Amended w.e.f.: 04 September 2025

Valid until: 07 March 2026

Accreditation Standard: ISO/IEC 17025:2017

Electrical Testing				
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method	
	<b>Safety Testing Facility</b>			
156.		Screws and connections	Cl.28, IEC 60335-2-7:2019	
157.		Screws and connections	Cl.28, IS 302-2-7:2010	
158.		Stability and mechanical hazards	Cl.20 of IS 302-2-7:2010	
159.		Stability and mechanical hazards	Cl.20, IEC 60335-2-7:2019	
160.		Supply connection and external flexible cords	Cl.25, IEC 60335-2-7:2019	
161.		Supply connection and external flexible cords	Cl.25, IS 302-2-7:2010	
162.		Terminals for external conductors	Cl.26, IEC 60335-2-7:2019	
163.		Terminals for external conductors	Cl.26, IS 302-2-7:2010	
164.		Transient over voltage	Cl.14, IEC 60335-2-7:2019	
165.		Transient over voltage	Cl.14, IS 302-2-7:2010	
166.		Electric immersion water heater	Abnormal operation	Cl.19 of IS 302-2-201:2008+A1
167.			Abnormal Operation	Cl.19, IEC 60335-2-74: 2002
168.			Clearances, creepage distances and solid insulation	Cl.29 of IS 302-2-201:2008+A1
169.			Clearances, creepage distances and solid insulation	Cl.29 of IS 302-2-201:2008+A1
170.			Clearances, creepage distances and solid insulation	Cl.29, IEC 60335-2-74: 2002
171.	Clearances, creepage distances		Cl.29, IEC 60335-2-74: 2002	

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Accreditation Standard: ISO/IEC 17025:2017

Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Safety Testing Facility		
		and solid insulation	
172.		Components	Cl.24, IEC 60335-2-74: 2002
173.		Components	Cl.24 of IS 302-2-201:2008+A1
174.		Construction	Cl.22 of IS 302-2-201: 2008+A1
175.		Construction	Cl.22, IEC 60335-2-74: 2002
176.		Heating	Cl.11 of IS 302-2-201: 2008+A1
177.		Heating	Cl.11, IEC 60335-2-74: 2002
178.		Internal wiring	Cl.23 of IS 302-2-201: 2008+A1
179.		Internal wiring	Cl.23, IEC 60335-2-74: 2002
180.		Leakage current and electric strength	Cl.16 of IS 302-2-201: 2008+A1
181.		Leakage current and electric strength	Cl.16, IEC 60335-2-74:2002
182.		Leakage current and electric strength at operating temperature	Cl.13 of IS 302-2-201:2008+A1
183.		Leakage current and electric strength at operating temperature	Cl.13, IEC 60335-2-74:2002
184.		Marking and instructions	Cl.7 of IS 302-2-201:2008+A1
185.		Marking and instructions	Cl.7, IEC 60335-2-74:2002
186.		Mechanical strength	Cl.21of IS 302-2-201:2008+A1
187.		Mechanical strength	Cl.21, IEC 60335-2-74:2002

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Safety Testing Facility		
188.		Moisture resistance	Cl.15 of IS 302-2-201:2008+A1
189.		Moisture resistance	Cl.15, IEC 60335-2-74:2002
190.		Overload protection of transformer and associated circuits	Cl.17 of IS 302-2-201:2008+A1
191.		Overload protection of transformer and associated circuits	Cl.17, IEC 60335-2-74: 2002
192.		Power input and current	Cl.10 of IS 302-2-201:2008+A1
193.		Power input and current	Cl.10 of IS 302-2-201:2008+A1
194.		Power input and current	Cl.10 of IS 302-2-201:2008+A1
195.		Power input and current	Cl.10, IEC 60335-2-74: 2002
196.		Power input and current	Cl.10, IEC 60335-2-74: 2002
197.		Power input and current	Cl.10, IEC 60335-2-74:2002
198.		Protection against access to live Parts	Cl.8 of IS 302-2-201:2008+A1
199.		Protection against access to live Parts	Cl.8, IEC 60335-2-74:2002
200.		Provision for earthing	Cl.27 of IS 302-2-201:2008+A1
201.		Provision for earthing	Cl.27, IEC 60335-2-74: 2002
202.		Radiation, toxicity and similar hazards	Cl.32 of IS 302-2-201:2008+A1
203.		Radiation, toxicity and similar hazards	Cl.32, IEC 60335-2-74: 2002

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Safety Testing Facility		
204.		Resistance to heat and fire	Cl.30 of IS 302-2-201:2008+A1
205.		Resistance to heat and fire	Cl.30 of IS 302-2-201:2008+A1
206.		Resistance to heat and fire	Cl.30, IEC 60335-2-74: 2002
207.		Resistance to heat and fire	Cl.30, IEC 60335-2-74: 2002
208.		Resistance to rusting	Cl.31 of IS 302-2-201:2008+A1
209.		Resistance to rusting	Cl.31, IEC 60335-2-74:2002
210.		Screws and connections	Cl.28 of IS 302-2-201:2008+A1
211.		Screws and connections	Cl.28, IEC 60335-2-74:2002
212.		Stability and mechanical hazards	Cl.20 of IS 302-2-201:2008+A1
213.		Stability and mechanical hazards	Cl.20, IEC 60335-2-74: 2002
214.		Supply connection and external flexible cords	Cl.25 of IS 302-2-201:2008+A1
215.		Supply connection and external flexible cords	Cl.25 of IS 302-2-201:2008+A1
216.		Supply connection and external flexible cords	Cl.25, IEC 60335-2-74: 2002
217.		Supply connection and external flexible cords	Cl.25, IEC 60335-2-74: 2002
218.		Terminal for external conductor	Cl.26 of IS 302-2-201:2008+A1
219.		Terminal for external conductor	Cl.26, IEC 60335-2-74:2002
220.		Transient over Voltage	Cl.14 of IS 302-2-201:2008+A1
221.		Transient over voltage	Cl.14 of IEC 60335-2-74: 2002

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Safety Testing Facility		
222.		Abnormal operation	Cl.19 of IEC 60335-2-35: 2012+A1+A2
223.		Abnormal operation	Cl.19 of IS 302-2-35:2017
224.		Clearances, creepage distances and solid insulation	Cl.29 of IEC 60335-2-35: 2012+ A1+A2
225.		Clearances, creepage distances and solid insulation	Cl.29 of IEC 60335-2-35: 2012+ A1+A2
226.		Clearances, creepage distances and solid insulation	Cl.29 of IS 302-2-35:2017
227.		Clearances, creepage distances and solid insulation	Cl.29 of IS 302-2-35:2017
228.		Components	Cl.24 of IS 302-2-35:2017
229.		Components	Cl.24 of IEC 60335-2-35: 2012+ A1+A2
230.		Construction	Cl.22 of IEC 60335-2-35: 2012+ A1+A2
231.		Construction	Cl.22 of IS 302-2-35:2017
232.		Heating	Cl.11 of IEC 60335-2-35: 2012+ A1+A2
233.		Heating	Cl.11 of IS 302-2-35:2017
234.		Internal wiring	Cl.23 of IEC 60335-2-35: 2012+ A1+A2
235.		Internal wiring	Cl.23 of IS 302-2-35:2017
236.		Leakage current and electric strength	Cl.16 of IEC 60335-2-35: 2012 +A1+A2

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Safety Testing Facility		
237.		Leakage current and electric strength	Cl.16 of IS 302-2-35:2017
238.		Leakage Current and electric Strength at Operating Temperature	Cl.13 of IEC 60335-2-35: 2012+ A1+A2
239.		Leakage current and electric strength at operating temperature	Cl.13 of IS 302-2-35:2017+A1
240.		Marking and instructions	Cl.7 of IEC 60335-2-35: 2012+ A1+A2
241.		Marking and Instructions	Cl.7 of IS 302-2-35:2017+A1
242.		Mechanical strength	Cl.21 of IS 302-2-35:2017+A1
243.		Moisture resistance	Cl.15 of IEC 60335-2-35: 2012+ A1+A2
244.		Moisture resistance	Cl.15 of IS 302-2-35:2017+A1
245.		Overload protection of transformer and associated circuits	Cl.17 of IEC 60335-2-35: 2012 +A1+A2
246.		Overload protection of transformer and associated circuits	Cl.17 of IS 302-2-35:2017+A1
247.		Power Input and Current	Cl.10 of IEC 60335-2-35: 2012+ A1+A2
248.		Power Input and Current	Cl.10 of IEC 60335-2-35: 2012+ A1+A2
249.		Power Input and Current	Cl.10 of IEC 60335-2-35: 2012+ A1+A2

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Safety Testing Facility		
250.		Power Input and Current	Cl.10 of IS 302-2-35:2017+A1
251.		Power Input and Current	Cl.10 of IS 302-2-35:2017+A1
252.		Power Input and Current	Cl.10 of IS 302-2-35:2017+A1
253.		Protection against access to live parts	Cl.8 of IEC 60335-2-35: 2012+ A1+A2
254.		Protection against access to live parts	Cl.8 of IS 302-2-35:2017+A1
255.		Provision for earthing	Cl.27 of IEC 60335-2-35: 2012+ A1+A2
256.		Provision for earthing	Cl.27 of IS 302-2-35:2017+A1
257.		Radiation, toxicity and similar hazards	Cl.32 of IEC 60335-2-35: 2012+ A1+A2
258.		Radiation, toxicity and similar hazards	Cl.32 of IS 302-2-35:2017+A1
259.		Resistance to heat and fire	Cl.30 of IEC 60335-2-35: 2012+ A1+A2
260.		Resistance to heat and fire	Cl.30 of IEC 60335-2-35: 2012+ A1+A2
261.		Resistance to Heat and fire	Cl.30 of IS 302-2-35:2017+A1
262.		Resistance to heat and fire	Cl.30 of IS 302-2-35:2017+A1
263.		Resistance to rusting	Cl.31 of IEC 60335-2-35: 2012+ A1+A2
264.		Resistance to rusting	Cl.31 of IS 302-2-35:2017+A1

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Safety Testing Facility		
265.		Screws and connections	Cl.28 of IEC 60335-2-35: 2012+ A1+A2
266.		Screws and connections	Cl.28 of IS 302-2-35:2017+A1
267.		Stability and mechanical hazards	Cl.20 of IEC 60335-2-35: 2012+ A1+A2
268.		Stability and mechanical hazards	Cl.20 of IS 302-2-35:2017+A1
269.		Supply connection and external flexible cords	Cl.25 of IEC 60335-2-35: 2012+ A1+A2
270.		Supply connection and external flexible cords	Cl.25 of IEC 60335-2-35: 2012+ A1+A2
271.		Supply connection and external flexible cords	Cl.25 of IS 302-2-35:2017+A1
272.		Supply connection and external flexible cords	Cl.25 of IS 302-2-35:2017+A1
273.		Terminal for external conductor	Cl.26 of IEC 60335-2-35: 2012+ A1+A2
274.		Terminal for external conductor	Cl.26 of IS 302-2-35:2017+A1
275.		Transient over voltages	Cl.14 of IEC 60335-2-35: 2012 +A1+A2
276.		Transient over voltages	Cl.14 of IS 302-2-35:2017+A1
277.		Mechanical strength	Cl.21 of IEC 60335-2-35:2012 +A1+A2
278.	Electric Iron	Abnormal operation	Cl.19 of IEC 60335-2-3: 2012
279.		Abnormal operation	Cl.19 of IS 302-2-3:2007

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Accreditation Standard: ISO/IEC 17025:2017

Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Safety Testing Facility		
280.		Clearances, creepage distances and solid insulation	Cl.29 of IEC 60335-2-3: 2012
281.		Clearances, creepage distances and solid insulation	Cl.29 of IEC 60335-2-3: 2012
282.		Clearances, creepage distances and solid insulation	Cl.29 of IS 302-2-3:2007
283.		Clearances, creepage distances and solid insulation	Cl.29 of IS 302-2-3:2007
284.		Components	Cl.24 of IEC 60335-2-3: 2012
285.		Components	Cl.24 of IS 302-2-3:2007
286.		Construction	Cl.22 of IEC60335-2-3: 2012
287.		Construction	Cl.22 of IS 302-2-3:2007
288.		Heating	Cl.11 of IEC 60335-2-3: 2012
289.		Heating	Cl.11 of IS 302-2-3:2007
290.		Internal wiring	Cl.23 of IEC 60335-2-3: 2012
291.		Internal wiring	Cl.23 of IS 302-2-3:2007
292.		Leakage current and electric strength	Cl.16 of IEC 60335-2-3: 2012
293.		Leakage current and electric strength	Cl.16 of IS 302-2-3:2007
294.		Leakage current and electric strength at operating temperature	Cl.13 of IEC 60335-2-3: 2012

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Safety Testing Facility		
295.		Leakage current and electric strength at operating temperature	Cl.13 of IS 302-2-3:2007
296.		Marking and instructions	Cl.7 of IEC 60335-2-3:2012
297.		Marking and instructions	Cl.7 of IS 302-2-3:2007
298.		Mechanical strength	Cl. 21 of IEC 60335-2-3: 2012
299.		Mechanical strength	Cl.21 of IS 302-2-3:2007
300.		Moisture resistance	Cl.15 of IEC 60335-2-3: 2012
301.		Moisture resistance	Cl.15 of IS 302-2-3:2007
302.		Power input and current	Cl.10 of IEC 60335-2-3: 2012
303.		Power input and current	Cl.10 of IEC 60335-2-3: 2012
304.		Power input and current	Cl.10 of IEC 60335-2-3: 2012
305.		Power input and current	Cl.10 of IS 302-2-3:2007
306.		Power input and current	Cl.10 of IS 302-2-3:2007
307.		Power input and current	Cl.10 of IS 302-2-3:2007
308.		Protection against access to live parts	Cl.8 of IEC 60335-2-3:2012
309.		Protection against access to live parts	Cl.8 of IS 302-2-3:2007
310.		Provision for earthing	Cl.27 of IEC 60335-2-3: 2012
311.		Provision for earthing	Cl.27 of IS 302-2-3:2007
312.		Radiation, toxicity and similar hazards	Cl.32 of IEC 60335-2-3: 2012

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Safety Testing Facility		
313.		Radiation, toxicity and similar hazards	Cl.32 of IS 302-2-3:2007
314.		Resistance to heat and fire	Cl.30 of IEC 60335-2-3: 2012
315.		Resistance to heat and fire	Cl.30 of IEC 60335-2-3: 2012
316.		Resistance to Heat and Fire	Cl.30 of IS 302-2-3:2007
317.		Resistance to heat and fire	Cl.30 of IS 302-2-3:2007
318.		Resistance to rusting	Cl.31 of IEC 60335-2-3: 2012
319.		Resistance to rusting	Cl.31 of IS 302-2-3:2007
320.		Screws and connections	Cl.28 of IEC 60335-2-3: 2012
321.		Screws and connections	Cl.28 of IS 302-2-3:2007
322.		Stability and mechanical hazards	Cl.20 of IEC 60335-2-3: 2012
323.		Stability and mechanical hazards	Cl.20 of IS 302-2-3:2007
324.		Supply connection and external flexible cords	Cl.25 of IEC 60335-2-3: 2012
325.		Supply connection and external flexible cords	Cl.25 of IEC 60335-2-3: 2012
326.		Supply connection and external flexible cords	Cl.25 of IS 302-2-3:2007
327.		Supply connection and external flexible cords	Cl.25 of IS 302-2-3:2007
328.		Terminal For external conductor	Cl.26 of IEC 60335-2-3: 2012

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	<b>Safety Testing Facility</b>		
329.		Terminal For external conductor	Cl.26 of IS 302-2-3:2007
330.		Transient over voltage	Cl.14 of IEC 60335-2-3: 2012
331.		Transient over voltage	Cl.14 of IS 302-2-3:2007
332.		Abnormal Operation	Cl.19 of IS 302-2-14:2009
333.		Abnormal Operation	Cl.19 of IEC 60335-2-14:2016
334.		Clearances, creepage distances and solid insulation	Cl.29 of IS 302-2-14:2009
335.		Clearances, creepage distances and solid insulation	Cl.29 of IS 302-2-14:2009
336.		Clearances, creepage distances and solid insulation	Cl.29 of IEC 60335-2-14:2016
337.		Clearances, creepage distances and solid insulation	Cl.29 of IEC 60335-2-14:2016
338.	Electric kitchen machines	Components	Cl.24 of IS 302-2-14:2009
339.		Components	Cl.24 of IEC 60335-2-14:2016
340.		Construction	Cl.22 of IEC 60335-2-14: 2016
341.		Construction	Cl.22 of IS 302-2-14:2009
342.		Heating	Cl.11 of IS 302-2-14:2009
343.		Heating	Cl.11 of IS 302-2-14:2009
344.		Heating	Cl.11 of IEC 60335-2-14:2016
345.		Heating	Cl.11 of IEC 60335-2-14:2016

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
Safety Testing Facility			
346.		Internal wiring	Cl.23 of IS 302-2-14:2009
347.		Internal wiring	Cl.23 of IEC 60335-2-14:2016
348.		Leakage current and electric strength	Cl.16 of IS 302-2-14:2009
349.		Leakage current and electric strength	Cl.16 of IEC 60335-2-14:2016
350.		Leakage current and electric strength at operating temperature	Cl.13 of IS 302-2-14:2009
351.		Leakage current and electric strength at operating temperature	Cl.13 of IEC 60335-2-14:2016
352.		Marking and instructions	Cl.7 of IS 302-2-14:2009
353.		Marking and instructions	Cl.7 of IEC 60335-2-14:2016
354.		Mechanical strength	Cl.21 of IS 302-2-14:2009
355.		Mechanical Strength	Cl.21 of IEC 60335-2-14:2016
356.		Moisture resistance	Cl.15 of IS 302-2-14:2009
357.		Moisture resistance	Cl.15 of IEC 60335-2-14:2016
358.		Overload protection of transformer and associated circuits	Cl.17 of IS 302-2-14:2009
359.		Overload protection of transformer and associated circuits	Cl.17 of IEC 60335-2-14:2016+A1

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# Quality And Accreditation Institute

## Centre for International Accreditation

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### Scope of Accreditation

*Classic Testing & Research Centre*

B-17, Sector-65,

Noida-201301, Uttar Pradesh, India

QAI/CIA/TL/2024/0047

Valid from: 08 March 2024

\*Scope Amended w.e.f.: 04 September 2025

Valid until: 07 March 2026

Accreditation Standard: ISO/IEC 17025:2017

Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Safety Testing Facility		
360.		Power input and current	Cl.10 of IS 302-2-14:2009
361.		Power input and current	Cl.10 of IS 302-2-14:2009
362.		Power input and current	Cl.10 of IS 302-2-14:2009
363.		Power Input and Current	Cl.10 of IEC 60335-2-14:2016+A1
364.		Power Input and Current	Cl.10 of IEC 60335-2-14:2016+A1
365.		Power Input and Current	Cl.10 of IEC 60335-2-14:2016+A1
366.		Protection against access to live parts	Cl.8 of IS 302-2-14:2009
367.		Protection against access To live parts	Cl.8 of IEC 60335-2-14:2016+A1
368.		Provision for earthing	Cl.27 of IS 302-2-14:2009
369.		Provision for earthing	Cl.27 of IEC 60335-2-14:2016+A1
370.		Radiation, toxicity and similar hazard	Cl.32 of IEC 60335-2-14:2016+A1
371.		Radiation, toxicity and similar hazard	Cl.32 of IS 302-2-14:2009
372.		Resistance to heat and fire	Cl.30 of IS 302-2-14:2009
373.		Resistance to heat and fire	Cl.30 of IS 302-2-14:2009
374.		Resistance to Heat and Fire	Cl.30 of IEC 60335-2-14:2016+A1
375.		Resistance to Heat and Fire	Cl.30 of IEC 60335-2-14:2016+A1
376.		Resistance to rusting	Cl.31 of IS 302-2-14:2009
377.		Resistance to rusting	Cl.31 of IEC 60335-2-14:2016+A1

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*Scope of Accreditation*

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Accreditation Standard: ISO/IEC 17025:2017

Electrical Testing				
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method	
	<b>Safety Testing Facility</b>			
378.		Screws and connections	Cl.28 of IS 302-2-14:2009	
379.		Screws and connections	Cl.28 of IEC 60335-2-14:2016+A1	
380.		Stability and mechanical hazards	Cl.20 of IS 302-2-14:2009	
381.		Stability and mechanical hazards	Cl.20 of IEC 60335-2-14:2016+A1	
382.		Supply connection and external flexible cords	Cl.25 of IS 302-2-14:2009	
383.		Supply connection and external flexible cords	Cl.25 of IS 302-2-14:2009	
384.		Supply connection and external flexible cords	Cl.25 of IEC 60335-2-14:2016+A1	
385.		Supply connection and external flexible cords	Cl.25 of IEC 60335-2-14:2016+A1	
386.		Terminal for external conductor	Cl.26 of IS 302-2-14:2009	
387.		Terminal For external conductor	Cl.26 of IEC 60335-2-14:2016+A1	
388.		Transient over voltages	Cl.14 of IS 302-2-14:2009	
389.		Transient over voltages	Cl.14 of IEC 60335-2-14:2016+A1	
390.		Electrical equipment for measurements control and laboratory Use	Additional means of protection in case of single fault conditions	Cl. 6.5 of IEC 61010-1(Ed3.0) :2010+ A1:2016
391.			Additional means of protection in case of single fault conditions	Cl. 6.5 of IEC 610101 (Ed3.0): 2010+ A1:2016:2016
392.			Components and sub-assemblies	Cl.14 of IEC 61010-1(Ed3.0):2010+ A1:2016
393.	Connection to external circuit		Cl.6.6 of IEC 61010-1(Ed3.0): 2010+ A1:2016	

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Accreditation Standard: ISO/IEC 17025:2017

Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Safety Testing Facility		
394.		Connection to the mains supply source and connection between parts of equipment	Cl. 6.10 of IEC 61010-1(Ed3.0): 2010+ A1:2016
395.		Constructional requirements for protection against electric shock	Cl.6.9 of IEC 61010-1(Ed3.0): 2010+ A1:2016
396.		Containment of fire within equipment	Cl.9.3 of IEC 61010-1(Ed3.0): 2010+ A1:2016
397.		Disconnection for supply source	Cl. 6.11 of IEC 61010-1(Ed3.0): 2010+ A1:2016
398.		Drop test	Cl.8.3 of IEC 61010-1(Ed3.0): 2010+ A1:2016
399.		Requirement for equipment Containing or using flammable liquids	Cl.9.5 of IEC 61010-1(Ed3.0):2010+ A1:2016
400.		Eliminating or reducing the source of ignition with in the equipment	Cl. 9.2 of IEC 61010-1(Ed3.0): 2010+ A1:2016
401.		Eliminating or reducing the source of ignition with in the equipment	Cl.9.2 of IEC 61010-1(Ed3.0): 2010 + A1:2016
402.		Enclosure rigidity tests	Cl.8.2 of IEC 61010-1(Ed3.0): 2010 + A1:2016
403.		Equipment temperature limits and resistance to heat	Cl No.10 IEC 61010 1(Ed3.0):2010+ A1:2016
404.		Expelled parts	Cl.7.7 of IEC 61010-1(Ed3.0): 2010 + A1:2016

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Accreditation Standard: ISO/IEC 17025:2017

Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Safety Testing Facility		
405.		Hazards resulting from application	Cl.16 of IEC 61010-1(Ed3.0):2010+ A1:2016
406.		Over current protection	Cl 9.6 of IEC 61010-1(Ed3.0): 2010+ A1:2016
407.		Insulation requirements	Cl. 6.7 of IEC 61010-1(Ed3.0): 2010+ A1:2016
408.		Limit values for accessible parts	Cl.6.3 of IEC 61010-1(Ed3.0): 2010+ A1:2016
409.		Limited energy circuit	Cl.9.4 of IEC 61010-1(Ed3.0): 2010+ A1:2016
410.		Marking and documentation	Cl. 5 of IEC 61010-1(Ed3.0): 2010+ A1: 2016
411.		Moving Parts	Cl.7.3 of IEC 61010-1(Ed3.0):2010+ A1:2016
412.		Primary means of protection	Cl.6.4 of IEC 61010-1(Ed3.0) :2010+ A1:2016
413.		Procedure for voltage test	Cl.6.8 of IEC 61010-1(Ed3.0) :2010+ A1:2016
414.		Protection by interlocks	Cl.15 of IEC 61010-1(Ed3.0):2010+ A1:2016
415.		Provisions for lifting and carrying	Cl. 7.5 of IEC 61010-1(Ed3.0) :2010+ A1:2016
416.		Risk assessment	Cl. 17 of IEC 61010-1(Ed3.0): 2010 + A1: 2016
417.		Sharp edges	Cl.7.2 of IEC 61010-1(Ed3.0):2010+ A1:2016

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Accreditation Standard: ISO/IEC 17025:2017

Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Safety Testing Facility		
418.		Stability	Cl. 7.4 of IEC 61010-1(Ed3.0):2010+ A1:2016
419.		Wall mounting	Cl. 7.6 of IEC 61010-1(Ed3.0):2010+ A1:2016
420.		Determination of accessible parts	Cl.6.2 of IEC 61010 1(Ed3.0):2010+ A1:2016
421.	Fans	Abnormal operation	Cl.19 of IS 302-2-80:2017+A1
422.		Abnormal Operation	Cl.19 of IEC 60335-2-80:2015
423.		Clearances, creepage distances and solid insulation	Cl.29 of IS 302-2-80:2017+A1
424.		Clearances, creepage distances and solid insulation	Cl.29 of IEC 60335-2-80:2015
425.		Clearances, creepage distances and solid insulation	Cl.29 of IEC 60335-2-80:2015
426.		Clearances, creepage distances and solid insulation	Cl.29 of IS 302-2-80:2017+A1
427.		Components	Cl.24 of IS 302-2-80:2017+A1
428.		Components	Cl.24 of IEC 60335-2-80:2015
429.		Construction	Cl.22 of IS 302-2-80:2017+A1
430.		Construction	Cl.22 of IEC 60335-2-80:2015
431.		Heating	Cl.11 of IS 302-2-80:2017+A1
432.		Heating	Cl.11 of IS 302-2-80:2017+A1
433.		Heating	Cl.11 of IEC 60335-2-80:2015
434.		Heating	Cl.11 of IEC 60335-2-80:2015

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Accreditation Standard: ISO/IEC 17025:2017

Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Safety Testing Facility		
435.		Internal wiring	Cl.23 of IS 302-2-80:2017+A1
436.		Internal wiring	Cl.23 of IEC 60335-2-80:2015
437.		Leakage current and electric strength	Cl 16 of IS 302-2-80: 2017+A1
438.		Leakage Current and electric Strength	Cl.16 of IEC 60335-2-80:2015
439.		Leakage current and electric strength at operating temperature	Cl.13 of IS 302-2-80:2017+A1
440.		Leakage current and electric strength at operating temperature	Cl.13 of IEC 60335-2-80:2015
441.		Marking and Instructions	Cl. 7 of IS 302-2-80:2017+A1
442.		Marking and Instructions	Cl. 7 of IEC 60335-2-80:2015
443.		Mechanical strength	Cl. 21 of IS 302-2-80:2017+A1
444.		Mechanical strength	Cl.21 of IEC 60335-2-80:2015
445.		Moisture resistance	Cl.15 of IS 302-2-80:2017+A1
446.		Moisture resistance	Cl.15 of IEC 60335-2-80:2015
447.		Overload protection of transformer and associated Circuits	Cl.17 of IS 302-2-80:2017+A1
448.		Transformer and associated circuits	Cl.17 of IEC 60335-2-80:2015
449.		Power input and current	Cl.10 of IS 302-2-80:2017+A1

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Safety Testing Facility		
450.		Power input and current	Cl.10 of IS 302-2-80:2017+A1
451.		Power input and current	Cl.10 of IS 302-2-80:2017+A1
452.		Power input and current	Cl.10 of IEC 60335-2-80:2015
453.		Power input and current	Cl.10 of IEC 60335-2-80:2015
454.		Power input and current	Cl.10 of IEC 60335-2-80:2015
455.		Protection against access to live parts	Cl.8 of IS 302-2-80:2017+A1
456.		Protection against access to live parts	Cl.8 of IEC 60335-2-80:2015
457.		Provision for earthing	Cl.27 of IS 302-2-80:2017+A1
458.		Provision for earthing	Cl.27 of IEC 60335-2-80:2015
459.		Radiation, toxicity and similar hazards	Cl.32 of IS 302-2-80:2017+A1
460.		Radiation, toxicity and similar hazards	Cl.32 of IEC 60335-2-80:2015
461.		Resistance to heat and fire	Cl.30 of IS 302-2-80:2017+A1
462.		Resistance to heat and fire	Cl.30 of IS 302-2-80:2017+A1
463.		Resistance to heat and fire	Cl.30 of IEC 60335-2-80:2015
464.		Resistance to heat and Fire	Cl.30 of IEC 60335-2-80:2015
465.		Resistance to rusting	Cl.31 of IS 302-2-80:2017+A1
466.		Resistance to rusting	Cl.31 of IEC 60335-2-80:2015
467.		Screw sand connections	Cl.28 of IS 302-2-80:2017+A1
468.		Screws and connections	Cl.28 of IEC 60335-2-80:2015

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\*Scope Amended w.e.f.: 04 September 2025

Valid until: 07 March 2026

Accreditation Standard: ISO/IEC 17025:2017

Electrical Testing				
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method	
Safety Testing Facility				
469.		Stability and mechanical hazards	Cl.20 of IS 302-2-80:2017+A1	
470.		Stability and mechanical hazards	Cl.20 of IEC 60335-2-80:2015	
471.		Supply connection and external flexible cords	Cl.25 of IS 302-2-80:2017+A1	
472.		Supply connection and external flexible cords	Cl.25 of IS 302-2-80:2017+A1	
473.		Supply connection and external flexible cords	Cl.25 of IEC 60335-2-80:2015	
474.		Supply connection and external flexible cords	Cl.25 of IEC 60335-2-80:2015	
475.		Terminal for external conductor	Cl.26 of IS 302-2-80:2017+A1	
476.		Terminal for external conductor	Cl.26 of IEC 60335-2-80:2015	
477.		Transient over voltage	Cl.14 of IS 302-2-80:2017+A1	
478.		Transient over voltage	Cl.14 of IEC 60335-2-80:2015	
479.		Microwave ovens	Abnormal operation	Cl.19 of IEC 60335-2-25: 2020
480.		Microwave Ovens	Abnormal Operation	Cl.19 of IS 302-2-25:2014
481.		Microwave Ovens	Clearances, creepage distances and solid insulation	Cl.29 of IEC 60335-2-25: 2020
482.		Microwave Ovens	Clearances, creepage distances and solid insulation	Cl.29 of IEC 60335-2-25: 2020
483.		Microwave Ovens	Clearances, creepage distances and solid insulation	Cl.29 of IS 302-2-25:2014
484.	Microwave Ovens	Clearances, creepage distances and solid insulation	Cl.29 of IS 302-2-25:2014	
485.	Microwave Ovens	Components	Cl.24 of IEC 60335-2-25: 2020	

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*Accreditation Standard: ISO/IEC 17025:2017*

Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Safety Testing Facility		
486.	Microwave Ovens	Components	Cl.24 of IS 302-2-25:2014
487.	Microwave Ovens	Construction	Cl.22 of IEC 60335-2-25: 2020
488.	Microwave Ovens	Construction	Cl.22 of IS 302-2-25:2014
489.	Microwave Ovens	Endurance	Cl.18 of IEC 60335-2-25: 2020
490.	Microwave Ovens	Endurance	Cl.18 of IS 302-2-25:2014
491.	Microwave Ovens	Heating	Cl.11 of IEC 60335-2-25: 2020
492.	Microwave Ovens	Heating	Cl.11 of IEC 60335-2-25: 2020
493.	Microwave Ovens	Heating	Cl.11 of IS 302-2-25:2014
494.	Microwave Ovens	Heating	Cl.11 of IS 302-2-25:2014
495.	Microwave Ovens	Internal wiring	Cl.23 of IEC 60335-2-25: 2020
496.	Microwave Ovens	Internal wiring	Cl.23 of IS 302-2-25:2014
497.	Microwave Ovens	Leakage current and electric strength	Cl.16 of IEC 60335-2-25: 2020
498.	Microwave Ovens	Leakage current and electric strength	Cl.16 of IS 302-2-25:2014
499.	Microwave Ovens	Leakage current and electric strength at operating temperature	Cl.13 of IEC 60335-2-25: 2020
500.	Microwave Ovens	Leakage current and electric strength at operating temperature	Cl.13 of IS 302-2-25:2014
501.	Microwave Ovens	Marking and instructions	Cl.7 of IEC 60335-2-25: 2020
502.	Microwave Ovens	Marking and instructions	Cl.7 of IS 302-2-25:2014

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Accreditation Standard: ISO/IEC 17025:2017

Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Safety Testing Facility		
503.	Microwave Ovens	Mechanical strength	Cl.21 of IEC 60335-2-25: 2020
504.	Microwave Ovens	Mechanical strength	Cl.21 of IS 302-2-25:2014
505.	Microwave Ovens	Moisture Resistance	Cl.15 of IEC 60335-2-25: 2020
506.	Microwave Ovens	Moisture Resistance	Cl.15 of IS 302-2-25:2014
507.	Microwave Ovens	Overload Protection of transformer and associated circuits	Cl.17 of IEC 60335-2-25:2020
508.	Microwave Ovens	Overload Protection of transformer and Associated Circuits	Cl.17 of IS 302-2-25:2014
509.	Microwave Ovens	Power input and current	Cl.10 of IEC 60335-2-25: 2020
510.	Microwave Ovens	Power input and current	Cl.10 of IEC 60335-2-25: 2020
511.	Microwave Ovens	Power input and current	Cl.10 of IEC 60335-2-25: 2020
512.	Microwave Ovens	Power input and current	Cl.10 of IS 302-2-25:2014
513.	Microwave Ovens	Power input and current	Cl.10 of IS 302-2-25:2014
514.	Microwave Ovens	Power input and current	Cl.10 of IS 302-2-25:2014
515.	Microwave Ovens	Protection against access to live Parts	Cl.8 of IEC 60335-2-25: 2020
516.	Microwave Ovens	Protection against access to live Parts	Cl.8 of IS 302-2-25:2014
517.	Microwave Ovens	Provision for Earthing	Cl.27 of IEC 60335-2-25: 2020
518.	Microwave Ovens	Provision for Earthing	Cl.27 of IS 302-2-25:2014
519.	Microwave Ovens	Radiation, toxicity and similar hazards	Cl.32 of IEC 60335-2-25: 2020

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Safety Testing Facility		
520.	Microwave Ovens	Radiation, toxicity and similar hazards	Cl.32 of IS 302-2-25:2014
521.	Microwave Ovens	Resistance to heat and fire	Cl.30 of IEC 60335-2-25: 2020
522.	Microwave Ovens	Resistance to heat and fire	Cl.30 of IEC 60335-2-25: 2020
523.	Microwave Ovens	Resistance to heat and fire	Cl.30 of IS 302-2-25:2014
524.	Microwave Ovens	Resistance to heat and Fire	Cl.30 of IS 302-2-25:2014
525.	Microwave Ovens	Resistance to rusting	Cl.31 of IEC 60335-2-25: 2020
526.	Microwave Ovens	Resistance to rusting	Cl.31 of IS 302-2-25:2014
527.	Microwave Ovens	Screws and connections	Cl.28 of IEC 60335-2-25: 2020
528.	Microwave Ovens	Screws and connections	Cl.28 of IS 302-2-25:2014
529.	Microwave Ovens	Stability and mechanical hazards	Cl.20 of IEC 60335-2-25: 2020
530.	Microwave Ovens	Stability and mechanical hazards	Cl.20 of IS 302-2-25:2014
531.	Microwave Ovens	Starting of motor operated appliances	Cl.9 of IEC 60335-2-25: 2020
532.	Microwave Ovens	Starting of motor operated appliances	Cl.9 of IS 302-2-25:2014
533.	Microwave Ovens	Supply connection and external flexible cords	Cl.25 of IEC 60335-2-25: 2020
534.	Microwave Ovens	Supply connection and external flexible cords	Cl.25 of IEC 60335-2-25: 2020
535.	Microwave Ovens	Supply connection and external flexible cords	Cl.25 of IS 302-2-25:2014

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Safety Testing Facility		
536.	Microwave Ovens	Supply connection and external flexible cords	Cl.25 of IS 302-2-25:2014
537.	Microwave Ovens	Terminal for external conductor	Cl.26 of IEC 60335-2-25: 2020
538.	Microwave Ovens	Terminal for external conductor	Cl.26 of IS 302-2-25:2014
539.	Microwave Ovens	Transient over voltage	Cl.14 of IEC 60335-2-25: 2020
540.	Microwave Ovens	Transient over voltage	Cl.14 of IS 302-2-25:2014
541.	Range hoods and other cooking fume extractors	Abnormal Operation	Cl.19 of IEC 60335-2-31: 2012
542.		Abnormal Operation	Cl.19 of IS 302-2-31:2009
543.		Clearances, creepage distances and solid insulation	Cl.29 of IEC 60335-2-31:2012
544.		Clearances, creepage distances and solid insulation	Cl.29 of IEC 60335-2-31:2012
545.		Clearances, creepage distances and solid insulation	Cl.29 of IS 302-2-31:2009
546.		Clearances, creepage distances and solid insulation	Cl.29 of IS 302-2-31:2009
547.		Components	Cl.24 of IEC 60335-2-31:2012
548.		Components	Cl.24 of IS 302-2-31:2009
549.		Construction	Cl.22 of IEC 60335-2-31:2012
550.		Construction	Cl.22 of IS 302-2-31:2009
551.		Heating	Cl.11 of IEC 60335-2-31:2012
552.		Heating	Cl.11 of IEC 60335-2-31:2012
553.		Heating	Cl.11 of IS 302-2-31:2009

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QAI/CIA/TL/2024/0047

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Valid until: 07 March 2026

Accreditation Standard: ISO/IEC 17025:2017

Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Safety Testing Facility		
554.		Heating	Cl.11 of IS 302-2-31:2009
555.		Internal wiring	Cl.23 of IEC 60335-2-31:2012
556.		Internal wiring	Cl.23 of IS 302-2-31:2009
557.		Leakage current and electric strength	Cl.16 of IEC 60335-2-31:2012
558.		Leakage current and electric strength	Cl.16 of IS 302-2-31:2009
559.		Leakage current and electric strength at operating temperature	Cl.13 of IEC 60335-2-31:2012
560.		Leakage current and electric strength at operating temperature	Cl.13 of IS 302-2-31:2009
561.		Marking and instructions	Cl.7 of IEC 60335-2-31:2012
562.		Marking and instructions	Cl.7 of IS 302-2-31:2009
563.		Mechanical strength	Cl.21 of IEC 60335-2-31:2012
564.		Mechanical strength	Cl.21 of IS 302-2-31:2009
565.		Moisture resistance	Cl.15 of IEC 60335-2-31:2012
566.		Moisture resistance	Cl.15 of IS 302-2-31:2009
567.		Overload protection of transformer and associated circuits	Cl.17 of IEC 60335-2-31:2012
568.		Overload protection of transformer and associated circuits	Cl.17 of IS 302-2-31:2009

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Accreditation Standard: ISO/IEC 17025:2017

Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Safety Testing Facility		
569.		Power input and current	Cl.10 of IEC 60335-2-31: 2012
570.		Power input and current	Cl.10 of IEC 60335-2-31: 2012
571.		Power input and current	Cl.10 of IEC 60335-2-31: 2012
572.		Power input and current	Cl.10 of IS 302-2-31:2009
573.		Power input and current	Cl.10 of IS 302-2-31:2009
574.		Power input and current	Cl.10 of IS 302-2-31:2009
575.		Protection against access to live parts	Cl.8 of IEC 60335-2-31: 2012
576.		Protection against access to live parts	Cl.8 of IS 302-2-31:2009
577.		Provision for earthing	Cl.27 of IEC 60335-2-31:2012
578.		Provision for earthing	Cl.27 of IS 302-2-31:2009
579.		Radiation, toxicity and similar hazards	Cl.32 of IEC 60335-2-31: 2012
580.		Radiation, toxicity and similar hazards	Cl.32 of IS 302-2-31:2009
581.		Resistance to heat and fire	Cl.30 of IEC 60335-2-31: 2012
582.		Resistance to heat and fire	Cl.30 of IEC 60335-2-31: 2012
583.		Resistance to heat and fire	Cl.30 of IS 302-2-31:2009
584.		Resistance to heat and fire	Cl.30 of IS 302-2-31:2009
585.		Resistance to rusting	Cl.31 of IEC 60335-2-31: 2012
586.		Resistance to rusting	Cl.32 of IS 302-2-31:2009

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Accreditation Standard: ISO/IEC 17025:2017

Electrical Testing				
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method	
	<b>Safety Testing Facility</b>			
587.		Screws and connections	Cl.28 of IEC 60335-2-31: 2012	
588.		Screws and connections	Cl.28 of IS 302-2-31:2009	
589.		Stability and mechanical hazards	Cl.20 of IEC 60335-2-31:2012	
590.		Stability and mechanical hazards	Cl.20 of IS 302-2-31:2009	
591.		Supply connection and external flexible cords	Cl.25 of IEC 60335-2-31:2012	
592.		Supply connection and external flexible cords	Cl.25 of IEC 60335-2-31:2012	
593.		Supply connection and external flexible cords	Cl.25 of IS 302-2-31:2009	
594.		Supply connection and external flexible cords	Cl.25 of IS 302-2-31:2009	
595.		Terminal for external conductor	Cl.26 of IEC 60335-2-31: 2012	
596.		Terminal for external conductor	Cl.26 of IS 302-2-31:2009	
597.		Transient over voltages	Cl.14 of IEC 60335-2-31: 2012	
598.		Transient over voltages	Cl.14 of IS 302-2-31:2009	
599.		Safety of household and similar electrical appliances	Abnormal operation	Cl.19 of IEC 60335-1:2020
600.			Abnormal operation	Cl.19 of IS 302-1: 2008+A1+A2 +A3+ A4
601.			Clearances, creepage distances and solid Insulation	Cl.29 of IEC 60335-1:2020
602.			Components	Cl.24 of IEC 60335-1:2020

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Accreditation Standard: ISO/IEC 17025:2017

Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
Safety Testing Facility			
603.		Components	Cl.24 of IS 302-1: 2008+A1+A2 +A3+ A4
604.		Construction	Cl.22 of IEC 60335-1:2020
605.		Construction	Cl.22 of IS 302-1: 2008+A1+A2 +A3+ A4
606.		Transient over voltages	Cl.14 of IS 302-1: 2008+A1+A2+ A3+ A4
607.		Transient over voltages	Cl.14 of IEC 60335-1:2020
608.		Abnormal operation	Cl.19 of IEC 60335-2-30:2009+ A1+ A2
609.		Abnormal operation	Cl.19 of IS 302-2-30:2007+A1 +A2+ A3
610.		Components	Cl.24 of IEC 60335-2-30:2009+ A1+ A2
611.		Components	Cl.24 of IS 302-2-30:2007+A1 +A2+ A3
612.		Construction	Cl.22 of IEC 60335-2-30:2009+ A1+A2
613.	Construction	Cl.22 of IS 302-2-30:2007+ A1+A2 +A3	
614.	Creepage distances, clearances and solid insulation	Cl.29 of IEC 60335-2-30:2009+ A1+ A2	
615.	Creepage distances, clearances and solid insulation	Cl.29 of IS 302-2-30:2007+ A1+A2+ A3	

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Accreditation Standard: ISO/IEC 17025:2017

Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Safety Testing Facility		
616.		Heating	Cl.11 of IEC 60335-2-30:2009+ A1+ A2
617.		Heating	Cl.11 of IS 302-2-30:2007+ A1+A2+ A3
618.		Input and current (Current)	Cl.10 of IEC 60335-2-30:2009+ A1+ A2
619.		Input and current (Current)	Cl.10 of IS 302-2-30:2007+ A1+A2+ A3
620.		Input and current (Input)	Cl.10 of IEC 60335-2-30:2009+ A1+ A2
621.		Input and Current (Input)	Cl.10 of IS 302-2-30:2007+ A1+A2+ A3
622.		Internal wiring	Cl.23 of IEC 60335-2-30: 2009+ A1+A2
623.		Internal wiring	Cl.23 of IS 302-2-30:2007+ A1+A2+ A3
624.		Leakage current and electric strength after humidity	Cl.16 of IEC 60335-2-30:2009+ A1+ A2
625.		Leakage current and electric strength after humidity	Cl.16 of IS 302-2-30:2007 +A1+A2+ A3
626.		Leakage current and electric strength at operating temperature	Cl.13 of IEC 60335-2-30:2009+ A1+ A2
627.		Leakage current and electric strength at operating temperature	Cl.13 of IS 302-2-30:2007+A1 +A2+A3

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Accreditation Standard: ISO/IEC 17025:2017

Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Safety Testing Facility		
628.		Marking and instructions	Cl.7 of IEC 60335-2-30:2009+A1 +A2
629.		Marking and instructions	Cl.7 of IS 302-2-30:2007+A1 +A2+A3
630.		Mechanical strength	Cl.21 of IEC 60335-2-30:2009+A1 +A2
631.		Mechanical strength	Cl.21 of IS 302-2-30:2007+A1 +A2+A3
632.		Moisture resistance	Cl.15 of IEC 60335-2-30:2009+A1 +A2
633.		Moisture resistance	Cl.15 of IS 302-2-30:2007+A1 +A2+A3
634.		Overload protection of transformer and associated circuits	Cl.17 of IS 302-2-30:2007+A1 +A2+A3
635.		Overload protection of transformer and associated circuits	Cl.17 of IEC 60335-2-30:2009+ A1+A2
636.		Protection against access to live parts	Cl.8 of IEC 60335-2-30:2009+ A1+A2
637.		Protection against access to live parts	Cl.8 of IS 302-2-30:2007+ A1+A2+A3
638.		Provision For earthing	Cl.27 of IEC 60335-2-30:2009+ A1+A2
639.		Provision For earthing	Cl.27 of IS 302-2-30:2007+ A1+A2+ A3
640.		Resistance To heat and fire	Cl.30 of IEC 60335-2-30:2009+ A1+ A2

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Safety Testing Facility		
641.		Resistance To heat and fire	Cl.30 of IS 302-2-30:2007+ A1+A2+A3
642.		Resistance To rusting	Cl.31 of IEC 60335-2-30:2009 +A1+A2
643.		Resistance To rusting	Cl.31 of IS 302-2-30:2007 +A1+A2+A3
644.		Screws and connections	Cl.28 of IEC 60335-2-30:2009 +A1+A2
645.		Screws and connections	Cl.28 of IS 302-2-30:2007 +A1+A2+A3
646.		Stability and mechanical hazards	Cl.20 of IS 302-2-30:2007 +A1+A2+A3
647.		Stability and mechanical hazards	Cl.20 of IEC 60335-2-30:2009 +A1+A2
648.		Supply connection and external flexible cords	Cl.25 of IEC 60335-2-30:2009 +A1+A2
649.		Supply connection and external flexible cords	Cl.25 of IS 302-2-30:2007 +A1+A2+A3
650.		Terminals for external conductors	Cl.26 of IEC 60335-2-30:2009 +A1+A2
651.		Terminals for external conductors	Cl.26 of IS 302-2-30:2007 +A1+A2+A3
652.		Transient over voltage	Cl.14 of IEC 60335-2-30:2009 +A1+A2

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Safety Testing Facility		
653.		Transient over voltage	Cl.14 of IS 302-2-30:2007+ A1+A2+ A3
654.		Creepage distances and clearances	Cl.29 of IEC 60335-1:2020
655.		Creepage distances and clearances	Cl.29 of IS 302-1: 2008+A1+ A2+A3+ A4
656.		Creepage distances and clearances	Cl.29 of IS 302-1: 2008+A1+ A2+A3+ A4
657.		Creepage distances and clearances	Cl.29 of IEC 60335-1:2020
658.		Electrical insulation and leakage current at operating temperature	Cl.13 of IS 302-1: 2008+A1+ A2+A3+ A4
659.	Safety of household and similar electrical appliances- Pt-1: General requirements	Electrical insulation and leakage current at operating temperature	Cl.13 of IEC 60335-1:2020
660.		Heating	Cl.11 of IEC 60335-1:2020
661.		Heating	Cl.11 of IEC 60335-1:2020
662.		Heating	Cl.11 of IS 302-1: 2008+A1+ A2+A3+ A4
663.		Heating	Cl.11 of IS 302-1: 2008+A1+ A2+A3+ A4
664.		Internal wiring	Cl.23 of IEC 60335-1:2020
665.		Internal wiring	Cl.23 of IS 302-1: 2008+A1+ A2+A3+ A4
666.		Leakage current and electric strength	Cl.16 of IEC 60335-1:2020

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Safety Testing Facility		
667.		Leakage current and electric strength	Cl.16 of IS 302-1: 2008+A1+ A2+A3+ A4
668.		Leakage current and electric strength at operating temperature	Cl.13 of IEC 60335-1:2020
669.		Marking and instructions	Cl.7 of IEC 60335-1: 2020
670.		Marking and Instructions	Cl.7 of IS 302-1: 2008 +A1+A2+ A3+ A4
671.		Mechanical strength	Cl.21 of IEC 60335-1:2020
672.		Mechanical strength	Cl.21 of IS 302-1: 2008+A1+ A2+A3+ A4
673.		Moisture Resistance	Cl.15 of IEC 60335-1:2020
674.		Moisture Resistance	Cl.15 of IS 302-1: 2008+A1 +A2+A3+ A4
675.		Overload Protection of Transformer and Associated Circuits	Cl.17 of IEC 60335-1:2020
676.		Overload Protection of Transformer and Associated Circuits	Cl.17 of IS 302-1: 2008+A1+ A2+A3+ A4
677.		Power Input and Current	Cl.10 of IEC 60335-1:2020
678.		Power Input and Current	Cl.10 of IEC 60335-1:2020
679.		Power Input and Current	Cl.10 of IEC 60335-1:2020
680.		Power Input and Current	Cl.10 of IS 302-1: 2008+A1+A2+ A3+A4

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Safety Testing Facility		
681.		Power Input and Current	Cl.10 of IS 302-1: 2008+A1+ A2+A3+ A4
682.		Power Input and Current	Cl.10 of IS 302-1: 2008+A1+ A2+A3+ A4
683.		Protection against access to live Parts	Cl.8 of IS 302-1: 2008+A1+ A2+ A3+ A4
684.		Protection against access to live Parts	Cl.8 of IEC 60335-1: 2020
685.		Provision for Earthing	Cl.27 of IEC 60335-1:2020
686.		Provision for Earthing	Cl.27 of IS 302-1: 2008+A1+ A2+A3 +A4
687.		Radiation, Toxicity and Similar Hazards	Cl.32 of IEC 60335-1:2020
688.		Radiation, Toxicity and Similar Hazards	Cl.32 of IS 302-1: 2008+A1+ A2+A3 +A4
689.		Resistance to Heat and Fire	Cl.30 of IEC 60335-1:2020
690.		Resistance to Heat and Fire	Cl.30 of IEC 60335-1:2020
691.		Resistance to Heat and Fire	Cl.30 of IS 302-1: 2008+A1+ A2+A3+ A4
692.		Resistance to Heat and Fire	Cl.30 of IS 302-1: 2008+A1+A2+ A3+A4
693.		Resistance to Rusting	Cl.31 of IEC 60335-1:2020
694.		Resistance to Rusting	Cl.31 of IS 302-1: 2008+A1+ A2+A3+ A4
695.		Screws and Connections	Cl.28 of IEC 60335-1:2020

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
<b>Safety Testing Facility</b>			
696.		Screws and Connections	Cl.28 of IS 302-1: 2008+A1+ A2+A3 +A4
697.	Safety of household and similar electrical appliances- Pt-1: General requirements	Stability and Mechanical Hazards	Cl.20 of IEC 60335-1:2020
698.		Stability and Mechanical Hazards	Cl.20 of IS 302-1: 2008+A1 +A2+A3+ A4
699.		Supply Connection and External Flexible Cords	Cl.25 of IEC 60335-1:2020
700.		Supply Connection and External Flexible Cords	Cl.25 of IEC 60335-1:2020
701.		Supply Connection and External Flexible Cords	Cl.25 of IS 302-1: 2008+A1+ A2+A3+ A4
702.		Supply connection and external flexible cords	Cl.25 of IS 302-1: 2008+A1+A2+ A3+A4
703.		Terminal for external conductor	Cl.26 of IEC 60335-1:2020
704.		Terminal for external conductor	Cl.26 of IS 302-1: 2008+A1 +A2+A3+ A4
705.		Transient over voltages	Cl.14 of IEC 60335-1:2020
706.		Spin extractors	Abnormal operation
707.	Abnormal operation		Cl.19 of IEC 60335-2-4:2021
708.	Components		Cl.24 of IS 302-2-4:1993+A1
709.	Components		Cl.24 of IEC 60335-2-4:2021
710.	Construction		Cl.22 of IS 302-2-4:1993+A1

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
<b>Safety Testing Facility</b>			
711.		Construction	Cl.22 of IEC 60335-2-4:2021
712.		Creepage distances and clearances	Cl.29 of IS 302-2-4:1993+A1
713.		Creepage distances and clearances	Cl.29 of IEC 60335-2-4:2021
714.	Spin extractors	Input and current (Current)	Cl.10 of IS 302-2-4:1993+A1
715.		Input and current (Current)	Cl.10 of IEC 60335-2-4:2021
716.		Input and current (Input)	Cl.10 of IS 302-2-4:1993+A1
717.		Input and current (Input)	Cl.10 of IEC 60335-2-4:2021
718.		Internal wiring	Cl.23 of IS 302-2-4:1993+A1
719.		Internal wiring	Cl.23 of IEC 60335-2-4:2021
720.	Spin extractors	Leakage current and electric strength after humidity	Cl.16 of IS 302-2-4:1993+A1
721.		Leakage current and electric strength after humidity	Cl.16 of IEC 60335-2-4:2021
722.		Leakage current and electric strength at operating temperature	Cl.13 of IS 302-2-4:1993+A1
723.		Leakage current and electric strength at operating temperature	Cl.13 of IEC 60335-2-4:2021
724.		Marking/Marking and Instructions	Cl.7 of IS 302-2-4:1993+A1
725.		Marking/ Marking and	Cl.7 of IEC 60335-2-4:2021

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Accreditation Standard: ISO/IEC 17025:2017

Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Safety Testing Facility		
		Instructions	
726.		Mechanical strength	Cl.21 of IS 302-2-4:1993+A1
727.		Mechanical strength	Cl.21 of IEC 60335-2-4:2021
728.		Moisture resistance	Cl.15 of IS 302-2-4:1993+A1
729.		Moisture resistance	Cl.15 of IEC 60335-2-4:2021
730.		Overload protection	Cl.17 of IS 302-2-4:1993+A1
731.		Overload protection	Cl.17 of IEC 60335-2-4:2021
732.		Protection against electric shock/ protection against access to live arts	Cl.8 of IS 302-2-4:1993+A1
733.		Protection against electric shock/ protection against access to live Parts	Cl.8 of IEC 60335-2-4:2021
734.		Provision for earthing	Cl.27 of IS 302-2-4:1993+A1
735.		Provision for earthing	Cl.27 of IEC 60335-2-4:2021
736.		Resistance to heat & fire	Cl.30 of IS 302-2-4:1993+A1
737.		Resistance to heat & fire	Cl.30 of IEC 60335-2-4:2021
738.		Resistance to rusting	Cl.31 of IS 302-2-4:1993+A1
739.		Resistance to rusting	Cl.31 of IEC 60335-2-4:2021
740.		Screws and connections	Cl.28 of IS 302-2-4:1993+A1
741.		Screws and connections	Cl.28 of IEC 60335-2-4:2021
742.		Stability and mechanical hazards	Cl.20 of IS 302-2-4:1993+A1

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	<b>Safety Testing Facility</b>		
743.		Stability and mechanical hazards	Cl.20 of IEC 60335-2-4:2021
744.		Starting of motor operated Appliance	Cl.9 of IS 302-2-4:1993+A1
745.		Starting of motor operated appliance	Cl.9 of IEC 60335-2-4:2021
746.		Supply connection and external flexible cords	Cl.25 of IS 302-2-4:1993+A1
747.		Supply connection and external flexible cords	Cl.25 of IEC 60335-2-4:2021
748.		Temperature rise/heating	Cl.11 of IS 302-2-4:1993+A1
749.		Temperature rise/heating	Cl.11 of IEC 60335-2-4:2021
750.		Terminal For external conductor	Cl.26 of IS 302-2-4:1993+A1
751.		Terminal for external conductor	Cl.26 of IEC 60335-2-4:2021
752.		Transient over voltages	Cl.14 of IS 302-2-4:1993+A1
753.		Transient over voltages	Cl.14 of IEC 60335-2-4:2021
754.		Abnormal operation	Cl.19 of IEC 60335-2-21: 2012
755.		Abnormal operation	Cl.19 of IS 302-2-21:2018+A1
756.	Stationary storage type electric water heater	Clearances, creepage distances and solid insulation	Cl.29 of IEC 60335-2-21: 2012
757.		Clearances, creepage distances and solid insulation	Cl.29 of IEC 60335-2-21: 2012
758.		Clearances, creepage distances and solid insulation	Cl.29 of IS 302-2-21:2018+A1

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	<b>Safety Testing Facility</b>		
759.		Clearances, creepage distances and solid insulation	Cl.29 of IS 302-2-21:2018+A1
760.		Components	Cl.24 of IEC 60335-2-21: 2012
761.		Components	Cl.24 of IS 302-2-21:2018+A1
762.		Construction	Cl.22 of IEC 60335-2-21: 2012
763.		Construction	Cl.22 of IS 302-2-21:2018+A1
764.		Heating	Cl.11 of IEC 60335-2-21: 2012
765.		Heating	Cl.11 of IS 302-2-21:2018+A1
766.		Internal wiring	Cl.23 of IEC 60335-2-21: 2012
767.		Internal wiring	Cl.23 of IS 302-2-21:2018+A1
768.		Leakage current and electric strength	Cl.16 of IEC 60335-2-21: 2012
769.		Leakage current and electric strength	Cl.16 of IS 302-2-21:2018+A1
770.		Leakage current and electric strength at operating temperature	Cl.13 of IEC 60335-2-21: 2012
771.		Leakage current and electric strength at operating temperature	Cl.13 of IS 302-2-21:2018+A1
772.		Marking and instructions	Cl.7 of IEC 60335-2-21: 2012
773.		Marking and instructions	Cl.7 of IS 302-2-21:2018+A1
774.		Mechanical strength	Cl.21 of IEC 60335-2-21: 2012
775.		Mechanical strength	Cl.21 of IS 302-2-21:2018+A1

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Safety Testing Facility		
776.		Moisture resistance	Cl.15 of IEC 60335-2-21: 2012
777.		Moisture resistance	Cl.15 of IS 302-2-21:2018+A1
778.		Overload protection of transformer and associated circuits	Cl.17 of IEC 60335-2-21: 2012
779.		Overload protection of transformer and associated circuits	Cl.17 of IS 302-2-21:2018+A1
780.		Power input and Current	Cl.10 of IEC 60335-2-21: 2011
781.		Power input and current	Cl.10 of IEC 60335-2-21: 2012
782.		Power input and current	Cl.10 of IEC 60335-2-21: 2012
783.		Power input and current	Cl.10 of IS 302-2-21:2018+A1
784.		Power input and current	Cl.10 of IS 302-2-21:2018+A1
785.		Power input and current	Cl.10 of IS 302-2-21:2018+A1
786.		Protection against access to live Parts	Cl.8 of IEC 60335-2-21: 2012
787.		Protection against access to live Parts	Cl.8 of IS 302-2-21:2018+A1
788.		Provision for earthing	Cl.27 of IEC 60335-2-21: 2012
789.		Provision for earthing	Cl.27 of IS 302-2-21:2018+A1
790.		Resistance to heat and fire	Cl.30 of IEC 60335-2-21: 2012
791.		Resistance to heat and fire	Cl.30 of IEC 60335-2-21: 2012
792.		Resistance to Heat and Fire	Cl.30 of IS 302-2-21:2018+A1

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	<b>Safety Testing Facility</b>		
793.		Resistance to heat and fire	Cl.30 of IS 302-2-21:2018+A1
794.		Resistance to rusting	Cl.31 of IEC 60335-2-21: 2012
795.		Resistance to rusting	Cl.31 of IS 302-2-21:2018+A1
796.		Screws and connections	Cl.28 of IEC 60335-2-21: 2012
797.		Screws and connections	Cl.28 of IS 302-2-21:2018+A1
798.		Stability and mechanical hazards	Cl.20 of IEC 60335-2-21: 2012
799.		Stability and mechanical hazards	Cl.20 of IS 302-2-21:2018+A1
800.		Supply connection and external flexible cords	Cl.25 of IEC 60335-2-21: 2012
801.		Supply connection and external flexible cords	Cl.25 of IEC 60335-2-21: 2012
802.		Supply connection and external flexible cords	Cl.25 of IS 302-2-21:2018+A1
803.		Supply connection and external flexible cords	Cl.25 of IS 302-2-21:2018+A1
804.		Terminal For external conductor	Cl.26 of IEC 60335-2-21: 2012
805.		Terminal for external conductor	Cl.26 of IS 302-2-21:2018+A1
806.		Transient over voltages	Cl.14 of IEC 60335-2-21: 2012
807.		Transient over voltages	Cl.14 of IS 302-2-21:2018+A1
808.	Toasters, Grills, Roasters and	Abnormal Operation	Cl.19 of IS 302-2-9:2009

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	<b>Safety Testing Facility</b>		
809.	Similar Appliances	Abnormal Operation	Cl.19 of IEC 60335-2-9:2019
810.		Components	Cl.24 of IS 302-2-9:2009
811.		Components	Cl.24 of IEC 60335-2-9:2019
812.		Construction	Cl.22 of IS 302-2-9:2009
813.		Construction	Cl.22 of IEC 60335-2-9:2019
814.		Creepage distances, clearances and solid insulation	Cl.29 of IS 302-2-9:2009
815.		Creepage distances, clearances and solid insulation	Cl.29 of IEC 60335-2-9:2019
816.		Input and current (Current)	Cl.10 of IS 302-2-9:2009
817.		Input and current (Current)	Cl.10 of IEC 60335-2-9:2019
818.		Input and current (Input)	Cl.10 of IEC 60335-2-9:2019
819.		Input and current (Input)	Cl.10 of IS 302-2-9:2009
820.		Internal wiring	Cl.23 of IS 302-2-9:2009
821.		Internal wiring	Cl.23 of IEC 60335-2-9:2019
822.		Leakage current and electric strength after humidity	Cl.16 of IS 302-2-9:2009
823.		Leakage current and electric strength after humidity	Cl.16 of IEC 60335-2-9:2019
824.		Leakage current and electric strength at operating temperature	Cl.13 of IS 302-2-9:2009

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Safety Testing Facility		
825.		Leakage current and electric strength at operating temperature	Cl.13 of IEC 60335-2-9:2019
826.		Marking/Marking and Instructions	Cl.7 of IS 302-2-9:2009
827.		Marking/Marking and Instructions	Cl.7 of IEC 60335-2-9:2019
828.		Mechanical strength	Cl.21 of IS 302-2-9:2009
829.		Mechanical strength	Cl.21 of IEC 60335-2-9:2019
830.		Moisture resistance	Cl.15 of IS 302-2-9:2009
831.		Moisture resistance	Cl.15 of IEC 60335-2-9:2019
832.		Overload protection of transformer and associated circuits	Cl.17 of IS 302-2-9:2009
833.		Overload protection of transformer and associated circuits	Cl.17 of IEC 60335-2-9:2019
834.		Protection against electric shock/ protection against access to live parts	Cl.8 of IS302-2-9:2009
835.		Protection against electric shock/ protection against access to live parts	Cl.8 of IEC 60335-2-9:2019
836.		Provision for earthing	Cl.27 of IS 302-2-9:2009
837.		Provision for earthing	Cl.27 of IEC 60335-2-9:2019

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Safety Testing Facility		
838.		Radiation, toxicity and similar hazards	Cl.32 of IS 302-2-9:2009
839.		Radiation, toxicity and similar hazards	Cl.32 of IEC 60335-2-9:2019
840.		Resistance to heat and fire	Cl.30 of IS 302-2-9:2009
841.		Resistance to heat and fire	Cl.30 of IEC 60335-2-9:2019
842.		Resistance to rusting	Cl.31 of IS 302-2-9:2009
843.		Resistance to rusting	Cl.31 of IEC 60335-2-9:2019
844.		Screws and connections	Cl.28 of IS 302-2-9:2009
845.		Screws and connections	Cl.28 of IEC 60335-2-9:2019
846.		Stability and mechanical hazards	Cl.20 of IS 302-2-9:2009
847.		Stability and mechanical hazards	Cl.20 of IEC 60335-2-9:2019
848.		Supply connection and external flexible cords	Cl.25 of IS 302-2-9:2009
849.		Supply connection and external flexible cords	Cl.25 of IEC 60335-2-9:2019
850.		Temperature rise/heating	Cl.11 of IS 302-2-9:2009
851.		Temperature rise/heating	Cl.11 of IEC 60335-2-9:2019
852.		Terminal For external conductor	Cl.26 of IS 302-2-9:2009
853.		Terminal For external conductor	Cl.26 of IEC 60335-2-9:2019

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	<b>Safety Testing Facility</b>		
854.		Transient Overvoltage	Cl.14 of IEC 60335-2-9:2019
855.		Transient Overvoltage	Cl.14 of IS 302-2-9:2009
856.	Appliances for heating liquids	General requirement	Cl. 4 of IS 302-2-15: 2009 (Reaffirmed Year: 2014) Cl. 4 of IEC 60335-2-15:2012+A2
857.	Appliances for heating liquids	General condition for the test	Cl. 5 of IS 302-2-15: 2009 (Reaffirmed Year: 2014) Cl. 5 of IEC 60335-2-15:2012+A2
858.	Appliances for heating liquids	Marking and instructions	Cl. 6 of IS 302-2-15: 2009 (Reaffirmed Year : 2014) Cl. 6 of IEC 60335-2-15:2012+A2
859.	Particular requirements for microwave ovens, including combination microwave ovens	General requirement	Cl. 4 of IS 302-2-25: 2014 (Reaffirmed Year: 2019) Cl. 4 of IEC 60335-2-25:2024
860.	Particular requirements for microwave ovens, including combination microwave ovens	General condition for the test	Cl. 5 of IS 302-2-25: 2014 (Reaffirmed Year: 2019) Cl. 5 of IEC 60335-2-25:2024
861.	Particular requirements for microwave ovens, including combination microwave ovens	Marking and instructions	Cl. 6 of IS 302-2-25: 2014 (Reaffirmed Year : 2019) Cl. 6 of IEC 60335-2-25:2024
862.	Cooking ranges, hobs, ovens and similar appliances	General requirement	Cl. 4 of IS 302-2-6: 2009 (Reaffirmed Year: 2014), Cl. 4 of IEC 60335-2-6:2014+A1
863.	Cooking ranges, hobs, ovens and similar appliances	General condition for the test	Cl. 5 of IS 302-2-6: 2009 (Reaffirmed Year: 2014); Cl. 5 of IEC 60335-2-6:2014+A1

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	<b>Safety Testing Facility</b>		
864.	Cooking ranges, hobs, ovens and similar appliances	Marking and instructions	Cl. 6 of IS 302-2-6: 2009 (Reaffirmed Year: 2014); Cl. 6 of IEC 60335-2-6:2014
865.	Cooking ranges, hobs, ovens and similar appliances, appliances for heating liquids, particular requirements for microwave ovens, including combination microwave ovens	Abnormal operation (radiated, radio-frequency, electromagnetic field immunity test)	Cl.19.11.4.2 IS 302-2-15 : 2009, IS 302-2-6: 2009, IS 302-2-25:2014 Cl. 19.11.4.2 of IEC 60335-2-15:2012+A2, IEC 60335-2-6:2014 +A1, IEC 60335-2-25:2024 IEC 61000-4-3: 2008, IS 14700 (Part 4/Sec 3:2023)
866.	Cooking ranges, hobs, ovens and similar appliances, appliances for heating liquids, particular requirements for microwave ovens, including combination microwave ovens	Abnormal operation (electrical fast transient/burst immunity test)	Cl.19.11.4.3 IS 302-2-15 : 2009, IS 302-2-6: 2009, IS 302-2-25:2014 Cl. 19.11.4.3 of IEC 60335-2-15:2012+A2, IEC 60335-2-6:2014 +A1, IEC 60335-2-25:2024 IEC 61000-4-4: 2012, IS 14700 (Part 4/Sec 4)
867.	Cooking ranges, hobs, ovens and similar appliances, appliances for heating liquids, particular requirements for microwave ovens, including combination microwave ovens	Abnormal operation (surge immunity test)	Cl.19.11.4.4 IS 302-2-15 : 2009, IS 302-2-6: 2009, IS 302-2-25:2014 Cl. 19.11.4.4 of IEC 60335-2-15:2012+A2, IEC 60335-2-6:2014 +A1, IEC 60335-2-25:2024 IEC 61000-4-5: 2014, IS 14700 (Part 4/Sec 5)
868.	Cooking ranges, hobs, ovens and similar appliances, appliances for heating liquids, particular requirements for	Abnormal operation (immunity to conducted disturbances, induced by radio-frequency fields)	Cl.19.11.4.5 IS 302-2-15 : 2009, IS 302-2-6: 2009, IS 302-2-25:2014 Cl. 19.11.4.5 of IEC 60335-2-15:2012+A2, IEC 60335-2-6:2014

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	<b>Safety Testing Facility</b>		
	microwave ovens, including combination microwave ovens		+A1, IEC 60335-2-25:2024 IEC 61000-4-6: 2023
869.	Cooking ranges, hobs, ovens and similar appliances , appliances for heating liquids, particular requirements for microwave ovens, including combination microwave ovens	Abnormal operation (voltage dips, short interruptions and voltage variations immunity tests for equipment with input current up to 16 a per phase )	Cl.19.11.4.6 IS 302-2-15 : 2009, IS 302-2-6: 2009, IS 302-2-25:2014 Cl. 19.11.4.6 of IEC 60335-2-15:2012+A2, IEC 60335-2-6:2014 +A1, IEC 60335-2-25:2024 IEC 61000-4-11: 2020, IS 14700 (Part 4/Sec 11)
870.	Cooking ranges, hobs, ovens and similar appliances , appliances for heating liquids, particular requirements for microwave ovens, including combination microwave ovens	Abnormal operation (voltage dips, short interruptions and voltage variations immunity tests for equipment with mains current more than 16 a per phase)	Cl. 19.11.4.6 of IEC 60335-2-15:2012+A2, IEC 60335-2-6:2014 +A1, IEC 60335-2-25:2024 IEC 61000-4-34: 2005
871.	Cooking ranges, hobs, ovens and similar appliances , appliances for heating liquids, particular requirements for microwave ovens, including combination microwave ovens	Abnormal operation (harmonics and interharmonics including mains signaling at A.C. Power port, low frequency immunity tests)	Cl.19.11.4.7 IS 302-2-15: 2009, IS 302-2-6: 2009, IS 302-2-25:2014 Cl. 19.11.4.7 of IEC 60335-2-15:2012+A2, IEC 60335-2-6:2014 +A1, IEC 60335-2-25:2024; IEC 61000-4-13: 2002
872.	Domestic electric clothes washing machine	General requirement	Cl.4 of IS 302-2-7:2024, IEC 60335-2-7:2024
873.	Domestic electric clothes washing machine	General condition for the test	Cl.5 of IS 302-2-7:2024, IEC 60335-2-7:2024

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	<b>Safety Testing Facility</b>		
874.	Domestic electric clothes washing machine	Classification	Cl.6 of IS 302-2-7:2024, IEC 60335-2-7:2024
875.	Domestic electric clothes washing machine	Marking and instruction	Cl.7 of IS 302-2-7:2024, IEC 60335-2-7:2024
876.	Domestic electric clothes washing machine	Protection against electric shock	Cl.8 of IS 302-2-7:2024, IEC 60335-2-7:2024
877.	Domestic electric clothes washing machine	Power input and current	Cl.10 of IS 302-2-7:2024, IEC 60335-2-7:2024
878.	Domestic electric clothes washing machine	Heating	Cl.11 of IS 302-2-7:2024, IEC 60335-2-7:2024
879.	Domestic electric clothes washing machine	Leakage current and electric strength at operating temperature	Cl.13 of IS 302-2-7:2024, IEC 60335-2-7:2024
880.	Domestic electric clothes washing machine	Transient over voltage	Cl.14 of IS 302-2-7:2024, IEC 60335-2-7:2024
881.	Domestic electric clothes washing machine	Moisture resistance	Cl.15 of IS 302-2-7:2024, IEC 60335-2-7:2024
882.	Domestic electric clothes washing machine	Leakage current and electric strength	Cl.16 of IS 302-2-7:2024, IEC 60335-2-7:2024
883.	Domestic electric clothes washing machine	Overload protection of transformers and associated circuits	Cl.17 of IS 302-2-7:2024, IEC 60335-2-7:2024
884.	Domestic electric clothes washing machine	Endurance	Cl.18 of IS 302-2-7:2024, IEC 60335-2-7:2024
885.	Domestic electric clothes washing machine	Abnormal operation	Cl.19 of IS 302-2-7:2024, IEC 60335-2-7:2024

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**Scope of Accreditation**  
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QAI/CIA/TL/2024/0047

Valid from: 08 March 2024  
\*Scope Amended w.e.f.: 04 September 2025  
Valid until: 07 March 2026

Accreditation Standard: ISO/IEC 17025:2017

Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	<b>Safety Testing Facility</b>		
886.	Domestic electric clothes washing machine	Abnormal operation	Cl.19.101 of IS 302-2-7:2024, IEC 60335-2-7:2024
887.	Domestic electric clothes washing machine	Abnormal operation	Cl.19.102 of IS 302-2-7:2024, IEC 60335-2-7:2024
888.	Domestic electric clothes washing machine	Stability and mechanical hazards	Cl.20 of IS 302-2-7:2024, IEC 60335-2-7:2024
889.	Domestic electric clothes washing machine	Mechanical strength	Cl.21 of IS 302-2-7:2024, IEC 60335-2-7:2024
890.	Domestic electric clothes washing machine	Construction	Cl.22 of IS 302-2-7:2024, IEC 60335-2-7:2024
891.	Domestic electric clothes washing machine	Internal wiring	Cl.23 of IS 302-2-7:2024, IEC 60335-2-7:2024
892.	Domestic electric clothes washing machine	Components	Cl.24 of IS 302-2-7:2024, IEC 60335-2-7:2024
893.	Domestic electric clothes washing machine	Supply connection and external flexible cords	Cl.25 of IS 302-2-7:2024, IEC 60335-2-7:2024
894.	Domestic electric clothes washing machine	Terminals for external conductors	Cl.26 of IS 302-2-7:2024, IEC 60335-2-7:2024
895.	Domestic electric clothes washing machine	Provision for earthing	Cl.27 of IS 302-2-7:2024, IEC 60335-2-7:2024
896.	Domestic electric clothes washing machine	Screws and connections	Cl.28 of IS 302-2-7:2024, IEC 60335-2-7:2024
897.	Domestic electric clothes washing machine	Creepage distance & clearances / clearances, creepage distances and solid insulations	Cl.29 of IS 302-2-7:2024, IEC 60335-2-7:2024
898.	Domestic electric clothes washing machine	Resistance to heat and fire	Cl.30 of IS 302-2-7:2024, IEC 60335-2-7:2024

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Accreditation Standard: ISO/IEC 17025:2017

Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	<b>Safety Testing Facility</b>		
899.	Domestic electric clothes washing machine	Resistance to rusting	Cl.31 of IS 302-2-7:2024, IEC 60335-2-7:2024
900.	Domestic electric clothes washing machine	Radiation, toxicity and similar hazards, ageing test for elastomeric parts, detergent free electrolyser washing machines	Cl. 32, ANNEX BB, ANNEX CC, of IS 302-2-7:2024, IEC 60335-2-7:2024
901.	Electric immersion water heater	General requirement	Cl. 4 of IS 302-2-201: 2008 (Reaffirmed Year: 2018) Cl. 4 of IS 368: 2014 (Reaffirmed Year: 2019); Cl. 4 of IEC 60335-2-74:2021
902.	Electric immersion water heater	General condition for the test	Cl. 5 of IS 302-2-201:2008 (Reaffirmed Year: 2018) Cl. 5 of IS 368: 2014 (Reaffirmed Year: 2019); Cl. 5 of IEC 60335-2-74:2021
903.	Electric immersion water heater	Classification	Cl. 6 of IS 302-2-201:2008 (Reaffirmed Year: 2018) Cl. 6 of IS 368: 2014 (Reaffirmed Year: 2019); Cl. 6 of IEC 60335-2-74:2021
904.	Electric immersion water heater	Marking and instruction	Cl. 7 of IS 302-2-201:2008: (Reaffirmed Year: 2018) Cl. 7 of IS 368: 2014 (Reaffirmed Year: 2019); Cl. 8 of IEC 60335-2-74:2021

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Accreditation Standard: ISO/IEC 17025:2017

Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Safety Testing Facility		
905.	Electric immersion water heater	Protection against electric shock	Cl. 8 of IS 302-2-201:2008 (Reaffirmed Year: 2018) Cl. 8 of IS 368: 2014 (Reaffirmed Year: 2019); Cl. 8 of IEC 60335-2-74:2021
906.	Electric immersion water heater	Starting for motor operated appliances	Cl. 9 of IS 302-2-201:2008 (Reaffirmed Year: 2018) Cl. 9 of IS 368: 2014 (Reaffirmed Year: 2019); Cl. 9 of IEC 60335-2-74:2021
907.	Electric immersion water heater	Power input and current	Cl. 10 of IS 302-2-201:2008 (Reaffirmed Year: 2018) Cl. 10 of IS 368: 2014 (Reaffirmed Year: 2019); Cl. 10 of IEC 60335-2-74:2021
908.	Electric immersion water heater	Heating/ temperature rise test	Cl. 11 of IS 302-2-201:2008 (Reaffirmed Year: 2018) Cl. 11 of IS 368: 2014 (Reaffirmed Year: 2019); Cl. 11 of IEC 60335-2-74:2021
909.	Electric immersion water heater	Operation under overload conditions of appliances with heating elements	Cl. 12 of IS 368: 2014 (Reaffirmed Year: 2019)
910.	Electric immersion water heater	Leakage current and electric strength at operating temperature	Cl. 13 of IS 302-2-201:2008 (Reaffirmed Year: 2018) Cl. 13 of IS 368: 2014 (Reaffirmed Year: 2019); Cl. 13 of IEC 60335-2-74:2021

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Accreditation Standard: ISO/IEC 17025:2017

Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Safety Testing Facility		
911.	Electric immersion water heater	Transient over voltage	Cl. 14 of IS 302-2-201:2008 (Reaffirmed Year: 2018) Cl. 14 of IS 368: 2014 (Reaffirmed Year: 2019); Cl. 14 of IEC 60335-2-74:2021
912.	Electric immersion water heater	Moisture resistance	Cl. 15 of IS 302-2-201:2008 (Reaffirmed Year: 2018) Cl.15 of IS 368: 2014 (Reaffirmed Year: 2019); Cl. 15 of IEC 60335-2-74:2021
913.	Electric immersion water heater	Leakage current and electric strength	Cl. 16 of IS 302-2-201:2008 (Reaffirmed Year: 2018) Cl. 16 of IS 368: 2014 (Reaffirmed Year: 2019); Cl. 16 of IEC 60335-2-74:2021
914.	Electric immersion water heater	Overload protection/ overload protection of transformer and associated circuits	Cl. 17 of IS 302-2-201:2008 (Reaffirmed Year: 2018) Cl. 17 of IS 368: 2014 (Reaffirmed Year: 2019); Cl. 17 of IEC 60335-2-74:2021
915.	Electric immersion water heater	Endurance	Cl. 18 of IS 368: 2014 (Reaffirmed Year: 2019)
916.	Electric immersion water heater	Abnormal operation	Cl. 19 of IS 302-2-201:2008 (Reaffirmed Year: 2018) Cl. 19 of IS 368: 2014 (Reaffirmed Year: 2019); Cl. 19 of IEC 60335-2-74:2021

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Accreditation Standard: ISO/IEC 17025:2017

Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Safety Testing Facility		
917.	Electric immersion water heater	Abnormal operation (electrostatic discharge immunity test)	Cl.19.11.4.1 IS 302-2-201:2008 (Reaffirmed Year: 2018) Cl. 19.11.4.1 of IS 368: 2014 (Reaffirmed Year : 2019); Cl. 19.11.4.1 of IEC 60335-2-74:2021; IEC 61000-4-2: 2008, IS 14700 (Part 4/Sec 2:2018)
918.	Electric immersion water heater	Abnormal operation (radiated, radio-frequency, electromagnetic field immunity test)	Cl.19.11.4.2 of IS 302-2-201:2008 (Reaffirmed Year: 2018) Cl. 19.11.4.2 of IS 368: 2014 (Reaffirmed Year : 2019) Cl.19.11.4.2 of IEC 60335-2-74:2021; IEC 61000-4-3: 2008, IS 14700 (Part 4/Sec 3:2023)
919.	Electric immersion water heater	Abnormal operation (Electrical fast transient/burst immunity test)	Cl.19.11.4.3 of IS 302-2-201:2008 (Reaffirmed Year : 2018) Cl. 19.11.4.3 of IS 368 : 2014 (Reaffirmed Year : 2019) Cl.19.11.4.3 of IEC 60335-2-74:2021 IEC 61000-4-4: 2012, IS 14700 (Part 4/Sec 4)
920.	Electric immersion water heater	Abnormal operation (surge immunity test)	Cl.19.11.4.4 of IS 302-2-201:2008 (Reaffirmed Year : 2018) Cl. 19.11.4.4 of IS 368 : 2014 (Reaffirmed Year : 2019) Cl.19.11.4.4 of IEC 60335-2-74:2021; IEC 61000-4-5: 2014, IS 14700 (Part 4/Sec 5)

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Safety Testing Facility		
921.	Electric immersion water heater	Abnormal operation (immunity to conducted disturbances, induced by radio-frequency fields)	Cl.19.11.4.5 of IS 302-2-201:2008 (Reaffirmed Year : 2018) Cl. 19.11.4.5 of IS 368 : 2014 (Reaffirmed Year : 2019) Cl.19.11.4.5 of IEC 60335-2-74:2021; IEC 61000-4-6: 2023
922.	Electric immersion water heater	Abnormal operation (voltage dips, short interruptions and voltage variations immunity tests for equipment with input current up to 16 a per phase )	Cl.19.11.4.6 of IS 302-2-201:2008 (Reaffirmed Year : 2018) Cl. 19.11.4.6 of IS 368 : 2014 (Reaffirmed Year : 2019) Cl.19.11.4.6 of IEC 60335-2-74:2021 IEC 61000-4-11: 2020, IS 14700 (Part 4/Sec 11)
923.	Electric immersion water heater	Abnormal operation (voltage dips, short interruptions and voltage variations immunity tests for equipment with mains current more than 16 a per phase)	Cl.19.11.4.6 of IEC 60335-2-74:2021; IEC 61000-4-34: 2005
924.	Electric immersion water heater	Abnormal operation (harmonics and inter harmonics including mains signaling at A.C. Power port, low frequency immunity tests)	Cl.19.11.4.7 of IS 302-2-201:2008 (Reaffirmed Year : 2018) Cl. 19.11.4.7 of IS 368 : 2014 (Reaffirmed Year : 2019) Cl.19.11.4.7 of IEC 60335-2-74:2021; IEC 61000-4-13: 2002
925.	Electric immersion water heater	Stability and mechanical hazards	Cl. 20 of IS 302-2-201:2008 (Reaffirmed Year: 2018)

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Safety Testing Facility		
			Cl. 20 of IS 368: 2014 (Reaffirmed Year: 2019) Cl. 20 of IEC 60335-2-74:2021
926.	Electric immersion water heater	Mechanical strength	Cl. 21 of IS 302-2-201:2008 (Reaffirmed Year : 2018) Cl. 21 of IS 368: 2014 (Reaffirmed Year: 2019) Cl. 21 of IEC 60335-2-74:2021
927.	Electric immersion water heater	Construction	Cl. 22 of IS 302-2-201:2008 (Reaffirmed Year: 2018) Cl. 22 of IS 368: 2014 (Reaffirmed Year: 2019) Cl. 22 of IEC 60335-2-74:2021
928.	Electric immersion water heater	Construction	Cl. 22.32 of IS 302-2-201:2008 (Reaffirmed Year: 2018); Cl. 22.32 of IS 368: 2014 (Reaffirmed Year: 2019) Cl. 22.32 of IEC 60335-2-74:2021
929.	Electric immersion water heater	Internal wiring	Cl. 23 of IS 302-2-201:2008 (Reaffirmed Year: 2018) Cl. 23 of IS 368: 2014 (Reaffirmed Year: 2019) Cl. 23 of IEC 60335-2-74:2021
930.	Electric immersion water heater	Components	Cl. 24 of IS 302-2-201:2008 (Reaffirmed Year: 2018) Cl. 24 of IS 368: 2014 (Reaffirmed Year: 2019) Cl. 24 of IEC 60335-2-74:2021

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Safety Testing Facility		
931.	Electric immersion water heater	Supply connection and external flexible cords	Cl. 25 of IS 302-2-201:2008 (Reaffirmed Year: 2018) Cl. 25 of IS 368: 2014 (Reaffirmed Year: 2019) Cl. 25 of IEC 60335-2-74:2021
932.	Electric immersion water heater	Terminals for external conductors	Cl. 26 of IS 302-2-201:2008 (Reaffirmed Year: 2018) Cl. 26 of IS 368: 2014 (Reaffirmed Year: 2019) Cl. 26 of IEC 60335-2-74:2021
933.	Electric immersion water heater	Provision for earthing	Cl. 27 of IS 302-2-201:2008 (Reaffirmed Year: 2018) Cl. 27 of IS 368: 2014 (Reaffirmed Year: 2019) Cl. 27 of IEC 60335-2-74:2021
934.	Electric immersion water heater	Screws and connections	Cl. 28 of IS 302-2-201:2008 (Reaffirmed Year: 2018) Cl. 28 of IS 368: 2014 (Reaffirmed Year: 2019) Cl. 28 of IEC 60335-2-74:2021
935.	Electric immersion water heater	Creepage distance & clearances / clearances, creepage distances and solid insulations	Cl. 29 of IS 302-2-201:2008 (Reaffirmed Year: 2018) Cl. 29 of IS 368: 2014 (Reaffirmed Year: 2019) Cl. 29 of IEC 60335-2-74:2021
936.	Electric immersion water heater	Resistance to heat and fire	Cl. 30 of IS 302-2-201:2008 (Reaffirmed Year: 2018)

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Safety Testing Facility		
			Cl. 30 of IS 368: 2014 (Reaffirmed Year: 2019) Cl. 30 of IEC 60335-2-74:2021
937.	Electric immersion water heater	Resistance to rusting	Cl. 31 of IS 302-2-201:2008 (Reaffirmed Year : 2018) Cl. 31 of IS 368 : 2014 (Reaffirmed Year : 2019) Cl. 31 of IEC 60335-2-74:2021
938.	Electric immersion water heater	Radiation, toxicity and similar hazards	Cl. 32 of IS 302-2-201:2008 (Reaffirmed Year: 2018) Cl. 32 of IS 368: 2014 (Reaffirmed Year: 2019) Cl. 32 of IEC 60335-2-74:2021
939.	Electric immersion water heater	General requirement	Cl.4 of IEC 60335-2-74: 2021
940.	Electric immersion water heater	Rating	cl.5 of IEC 60335-2-74: 2021
941.	Electric immersion water heater	Classification	cl.6 of IEC 60335-2-74: 2021
942.	Electric immersion water heater	Marking and instructions	Cl.7, IEC 60335-2-74: 2021
943.	Electric immersion water heater	Protection against access to live parts	Cl.8, IEC 60335-2-74: 2021
944.	Electric immersion water heater	Power input and current	Cl.10, IEC 60335-2-74: 2021
945.	Electric immersion water heater	Heating	Cl.11, IEC 60335-2-74: 2021
946.	Electric immersion water	Leakage current and electric	Cl.13, IEC 60335-2-74: 2021

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	<b>Safety Testing Facility</b>		
	heater	strength at operating temperature	
947.	Electric immersion water heater	Transient over voltage	Cl.14, IEC 60335-2-74: 2021
948.	Electric immersion water heater	Moisture resistance	Cl.15, IEC 60335-2-74: 2021
949.	Electric immersion water heater	Leakage current and electric strength	Cl.16, IEC 60335-2-74: 2021
950.	Electric immersion water heater	Overload protection of transformer and associated circuits	Cl.17, IEC 60335-2-74: 2021
951.	Electric immersion water heater	Abnormal operation	Cl.19, IEC 60335-2-74: 2021
952.	Electric immersion water heater	Stability and mechanical hazards	Cl.20, IEC 60335-2-74: 2021
953.	Electric immersion water heater	Mechanical strength	Cl.21, IEC 60335-2-74: 2021
954.	Electric immersion water heater	Construction	Cl.22, IEC 60335-2-74: 2021
955.	Electric immersion water heater	Internal wiring	Cl.23, IEC 60335-2-74: 2021
956.	Electric immersion water heater	Components	Cl.24, IEC 60335-2-74: 2021
957.	Electric immersion water heater	Supply connection and external flexible cords	Cl.25, IEC 60335-2-74: 2021
958.	Electric immersion water heater	Terminal for external conductor	Cl.26, IEC 60335-2-74: 2021

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	<b>Safety Testing Facility</b>		
959.	Electric immersion water heater	Provision for earthing	Cl.27, IEC 60335-2-74: 2021
960.	Electric immersion water heater	Screws and connections	Cl.28, IEC 60335-2-74: 2021
961.	Electric immersion water heater	Clearances, creepage distances and solid insulation	Cl.29, IEC 60335-2-74: 2021
962.	Electric immersion water heater	Resistance to heat and fire	Cl.30, IEC 60335-2-74: 2021
963.	Electric immersion water heater	Resistance to rusting	Cl.31, IEC 60335-2-74: 2021
964.	Electric immersion water heater	Radiation, toxicity and similar hazards	Cl.32, IEC 60335-2-74: 2021
965.	Stationary storage type electric water heaters	General requirement	Cl. 4 of IS 302-2-21:2018 Cl. 4 of IEC 60335-2-21:2022
966.	Stationary storage type electric water heaters	General condition for the test	Cl. 5 of IS 302-2-21:2018 Cl. 5 of IEC 60335-2-21:2022
967.	Stationary storage type electric water heaters	Classification	Cl. 6 of IS 302-2-21:2018 Cl. 6 of IEC 60335-2-21:2022
968.	Stationary storage type electric water heaters	Marking and instruction	Cl. 7 of IS 302-2-21:2018; Cl. 8 of IEC 60335-2-21:2022
969.	Stationary storage type electric water heaters	Protection against electric shock	Cl. 8 of IS 302-2-21:2018 Cl. 8 of IEC 60335-2-21:2022
970.	Stationary storage type electric water heaters	Starting for motor operated appliances	Cl. 9 of IS 302-2-21:2018 Cl. 9 of IEC 60335-2-21:2022

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	<b>Safety Testing Facility</b>		
971.	Stationary storage type electric water heaters	Power input and current	Cl. 10 of IS 302-2-21:2018 Cl. 10 of IEC 60335-2-21:2022
972.	Stationary storage type electric water heaters	Heating/ temperature rise test	Cl. 11 of IS 302-2-21:2018 Cl. 11 of IEC 60335-2-21:2022
973.	Stationary storage type electric water heaters	Leakage current and electric strength at operating temperature	Cl. 13 of IS 302-2-21:2018 Cl. 13 of IEC 60335-2-21:2022
974.	Stationary storage type electric water heaters	Transient over voltage	Cl. 14 of IS 302-2-21:2018 Cl. 14 of IEC 60335-2-21:2022
975.	Stationary storage type electric water heaters	Moisture resistance	Cl. 15 of IS 302-2-21:2018 Cl. 15 of IEC 60335-2-21:2022
976.	Stationary storage type electric water heaters	Leakage current and electric strength	Cl. 16 of IS 302-2-21:2018 Cl. 16 of IEC 60335-2-21:2022
977.	Stationary storage type electric water heaters	Overload protection/ overload protection of transformer and associated circuits	Cl. 17 of IS 302-2-21:2018 Cl. 17 of IEC 60335-2-21:2022
978.	Stationary storage type electric water heaters	Abnormal operation	Cl. 19 of IS 302-2-21:2018 Cl. 19 of IEC 60335-2-21:2022
979.	Stationary storage type electric water heaters	Abnormal operation (electrostatic discharge immunity test)	Cl.19.11.4.1 IS 302-2-21:2018 Cl. 19.11.4.1 of IEC 60335-2-21:2022; IEC 61000-4-2: 2008, IS 14700 (Part 4/Sec 2:2018)

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Safety Testing Facility		
980.	Stationary storage type electric water heaters	Abnormal operation (radiated, radio-frequency, electromagnetic field immunity test)	Cl.19.11.4.2 of IS 302-2-21:2018 Cl.19.11.4.2 of IEC 60335-2-21:2022; IEC 61000-4-3: 2008, IS 14700 (Part 4/Sec 3:2023)
981.	Stationary storage type electric water heaters	Abnormal operation (electrical fast transient/burst immunity test)	Cl.19.11.4.3 of IS 302-2-21:2018 Cl.19.11.4.3 of IEC 60335-2-21:2022; IEC 61000-4-4: 2012, IS 14700 (Part 4/Sec 4)
982.	Stationary storage type electric water heaters	Abnormal operation (surge immunity test)	Cl.19.11.4.4 of IS 302-2-21:2018 Cl.19.11.4.4 of IEC 60335-2-21:2022; IEC 61000-4-5: 2014, IS 14700 (Part 4/Sec 5)
983.	Stationary storage type electric water heaters	Abnormal operation (immunity to conducted disturbances, induced by radio-frequency fields)	Cl.19.11.4.5 of IS 302-2-21:2018 Cl.19.11.4.5 of IEC 60335-2-21:2022 IEC 61000-4-6: 2023
984.	Stationary storage type electric water heaters	Abnormal operation (voltage dips, short interruptions and voltage variations immunity tests for equipment with input current up to 16 a per phase)	Cl.19.11.4.6 of IS 302-2-21:2018 Cl.19.11.4.6 of IEC 60335-2-21:2022 IEC 61000-4-11: 2020, IS 14700 (Part 4/Sec 11)
985.	Stationary storage type electric water heaters	Abnormal operation (voltage dips, short interruptions and voltage variations immunity tests for	Cl.19.11.4.6 of IEC 60335-2-21:2022; IEC 61000-4-34: 2005

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B-17, Sector-65,

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QAI/CIA/TL/2024/0047

Valid from: 08 March 2024

\*Scope Amended w.e.f.: 04 September 2025

Valid until: 07 March 2026

Accreditation Standard: ISO/IEC 17025:2017

Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Safety Testing Facility		
		equipment with mains current more than 16 a per phase)	
986.	Stationary storage type electric water heaters	Abnormal operation (harmonics and inter harmonics including mains signaling at A.C. Power port, low frequency immunity tests)	Cl.19.11.4.7 of IS 302-2-21:2018 Cl.19.11.4.7 of IEC 60335-2-21:2022; IEC 61000-4-13: 2002
987.	Stationary storage type electric water heaters	Stability and mechanical hazards	Cl. 20 of IS 302-2-21:2018 Cl. 20 of IEC 60335-2-21:2022
988.	Stationary storage type electric water heaters	Mechanical strength	Cl. 21 of IS 302-2-21:2018 Cl. 21 of IEC 60335-2-21:2022
989.	Stationary storage type electric water heaters	Construction	Cl. 22 of IS 302-2-21:2018 Cl. 22 of IEC 60335-2-21:2022
990.	Stationary storage type electric water heaters	Construction	Cl. 22.32 of IS 302-2-21:2018 Cl. 22.32 of IEC 60335-2-21:2022
991.	Stationary storage type electric water heaters	Internal wiring	Cl. 23 of IS 302-2-21:2018 Cl. 23 of IEC 60335-2-21:2022
992.	Stationary storage type electric water heaters	Components	Cl. 24 of IS 302-2-21:2018 Cl. 24 of IEC 60335-2-21:2022
993.	Stationary storage type electric water heaters	Supply connection and external flexible cords	Cl. 25 of IS 302-2-21:2018 Cl. 25 of IEC 60335-2-21:2022

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Accreditation Standard: ISO/IEC 17025:2017

Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Safety Testing Facility		
994.	Stationary storage type electric water heaters	Terminals for external conductors	Cl. 26 of IS 302-2-21:2018 Cl. 26 of IEC 60335-2-21:2022
995.	Stationary storage type electric water heaters	Provision for earthing	Cl. 27 of IS 302-2-21:2018 Cl. 27 of IEC 60335-2-21:2022
996.	Stationary storage type electric water heaters	Screws and connections	Cl. 28 of IS 302-2-21:2018 Cl. 28 of IEC 60335-2-21:2022
997.	Stationary storage type electric water heaters	Creepage distance & clearances / clearances, creepage distances and solid insulations	Cl. 29 of IS 302-2-21:2018 Cl. 29 of IEC 60335-2-21:2022
998.	Stationary storage type electric water heaters	Resistance to heat and fire	Cl. 30 of IS 302-2-21:2018 Cl. 30 of IEC 60335-2-21:2022
999.	Stationary storage type electric water heaters	Resistance to rusting	Cl. 31 of IS 302-2-21:2018 Cl. 31 of IEC 60335-2-21:2022
1000.	Stationary storage type electric water heaters	Radiation, toxicity and similar hazards	Cl. 32 of IS 302-2-21:2018 Cl. 32 of IEC 60335-2-21:2022
1001.	Commercial dispensing appliances and vending machines	General requirement	Cl. 4 of IS 302-2-75:2018 Cl. 4 of IEC 60335-2-75:2012+A2
1002.	Commercial dispensing appliances and vending machines	General condition for the test	Cl. 5 of IS 302-2-75:2018 Cl. 5 of IEC 60335-2-75:2012+A2
1003.	Commercial dispensing appliances and vending machines	Classification	Cl. 6 of IS 302-2-75:2018 Cl. 6 of IEC 60335-2-75:2012+A2

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Accreditation Standard: ISO/IEC 17025:2017

Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	<b>Safety Testing Facility</b>		
1004.	Commercial dispensing appliances and vending machines	Marking and instruction	Cl. 7 of IS 302-2-75:2018; Cl. 8 of IEC 60335-2-75:2012+A2
1005.	Commercial dispensing appliances and vending machines	Protection against electric shock	Cl. 8 of IS 302-2-75:2018 Cl. 8 of IEC 60335-2-75:2012+A2
1006.	Commercial dispensing appliances and vending machines	Starting for motor operated appliances	Cl. 9 of IS 302-2-75:2018 Cl. 9 of IEC 60335-2-75:2012+A2
1007.	Commercial dispensing appliances and vending machines	Power input and current	Cl. 10 of IS 302-2-75:2018 Cl. 10 of IEC 60335-2-75:2012+A2
1008.	Commercial dispensing appliances and vending machines	Heating/ temperature rise test	Cl. 11 of IS 302-2-75:2018 Cl. 11 of IEC 60335-2-75:2012+A2
1009.	Commercial dispensing appliances and vending machines	Leakage current and electric strength at operating temperature	Cl. 13 of IS 302-2-75:2018 Cl. 13 of IEC 60335-2-75:2012+A2
1010.	Commercial dispensing appliances and vending machines	Transient over voltage	Cl. 14 of IS 302-2-75:2018 Cl. 14 of IEC 60335-2-75:2012+A2
1011.	Commercial dispensing appliances and vending machines	Moisture resistance	Cl. 15 of IS 302-2-75:2018 Cl. 15 of IEC 60335-2-75:2012+A2
1012.	Commercial dispensing appliances and vending machines	Moisture resistance	Cl. 15.101 of IS 302-2-75:2018 Cl. 15 of IEC 60335-2-75:2012+A2

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	<b>Safety Testing Facility</b>		
1013.	Commercial dispensing appliances and vending machines	Moisture resistance	Cl. 15.102 of IS 302-2-75:2018 Cl. 15 of IEC 60335-2-75:2012+A2
1014.	Commercial dispensing appliances and vending machines	Leakage current and electric strength	Cl. 16 of IS 302-2-75:2018 Cl. 16 of IEC 60335-2-75:2012+A2
1015.	Commercial dispensing appliances and vending machines	Overload protection/ overload protection of transformer and associated circuits	Cl. 17 of IS 302-2-75:2018 Cl. 17 of IEC 60335-2-75:2012+A2
1016.	Commercial dispensing appliances and vending machines	Abnormal operation	Cl. 19 of IS 302-2-75:2018 Cl. 19 of IEC 60335-2-75:2012+A2
1017.	Commercial dispensing appliances and vending machines	Abnormal operation (electrostatic discharge immunity test)	Cl.19.11.4.1 IS 302-2-75:2018 Cl. 19.11.4.1 of IEC 60335-2-75:2012+A2; IEC 61000-4-2: 2008, IS 14700 (Part 4/Sec 2:2018)
1018.	Commercial dispensing appliances and vending machines	Abnormal operation (radiated, radio-frequency, electromagnetic field immunity test)	Cl.19.11.4.2 of IS 302-2-75:2018 Cl.19.11.4.2 of IEC 60335-2-75:2012+A2; IEC 61000-4-3: 2008, IS 14700 (Part 4/Sec 3:2023)
1019.	Commercial dispensing appliances and vending machines	Abnormal operation (electrical fast transient/burst immunity test)	Cl.19.11.4.3 of IS 302-2-75:2018 Cl.19.11.4.3 of IEC 60335-2-75:2012+A2; IEC 61000-4-4: 2012, IS 14700 (Part 4/Sec 4)
1020.	Commercial dispensing appliances and vending machines	Abnormal operation (surge immunity test)	Cl.19.11.4.4 of IS 302-2-75:2018 Cl.19.11.4.4 of IEC 60335-2-

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Safety Testing Facility		
			75:2012+A2; IEC 61000-4-5: 2014, IS 14700 (Part 4/Sec 5)
1021.	Commercial dispensing appliances and vending machines	Abnormal operation (immunity to conducted disturbances, induced by radio-frequency fields)	Cl.19.11.4.5 of IS 302-2-75:2018 Cl.19.11.4.5 of IEC 60335-2-75:2012+A2; IEC 61000-4-6: 2023
1022.	Commercial dispensing appliances and vending machines	Abnormal operation (voltage dips, short interruptions and voltage variations immunity tests for equipment with input current up to 16 a per phase)	Cl.19.11.4.6 of IS 302-2-75:2018 Cl.19.11.4.6 of IEC 60335-2-75:2012+A2; IEC 61000-4-11: 2020, IS 14700 (Part 4/Sec 11)
1023.	Commercial dispensing appliances and vending machines	Abnormal operation (voltage dips, short interruptions and voltage variations immunity tests for equipment with mains current more than 16 a per phase )	Cl.19.11.4.6 of IEC 60335-2-75:2012+A2; IEC 61000-4-34: 2005
1024.	Commercial dispensing appliances and vending machines	Abnormal operation (harmonics and interharmonics including mains signaling at A.C. Power port, low frequency immunity tests)	Cl.19.11.4.7 of IS 302-2-75:2018 Cl.19.11.4.7 of IEC 60335-2-75:2012+A2; IEC 61000-4-13: 2002
1025.	Commercial dispensing appliances and vending machines	Abnormal operation	Cl. 19.101 of IS 302-2-75:2018, Cl. 19.101 of IEC 60335-2-75: 2012 +A2

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Safety Testing Facility		
1026.	Commercial dispensing appliances and vending machines	Abnormal operation	Cl. 19.101 of IS 302-2-75:2018 Cl. 19.101 of IEC 60335-2-75:2012+A2
1027.	Commercial dispensing appliances and vending machines	Stability and mechanical hazards	Cl. 20 of IS 302-2-75:2018 Cl. 20 of IEC 60335-2-75:2012+A2
1028.	Commercial dispensing appliances and vending machines	Mechanical strength	Cl. 21 of IS 302-2-75:2018 Cl. 21 of IEC 60335-2-75:2012+A2
1029.	Commercial dispensing appliances and vending machines	Construction	Cl. 22 of IS 302-2-75:2018 Cl. 22 of IEC 60335-2-75:2012+A2
1030.	Commercial dispensing appliances and vending machines	Construction	Cl. 22.101- 22.114 of IS 302-2-75:2018; Cl. 22.101- 22.114 of IEC 60335-2-75:2012+A2
1031.	Commercial dispensing appliances and vending machines	Construction	Cl. 22.32 of IS 302-2-75:2018 Cl. 22.32 of IEC 60335-2-75:2012+A2
1032.	Commercial dispensing appliances and vending machines	Internal wiring	Cl. 23 of IS 302-2-75:2018 Cl. 23 of IEC 60335-2-75:2012+A2
1033.	Commercial dispensing appliances and vending machines	Internal wiring	Cl. 23.101 of IS 302-2-75:2018 Cl. 23.101 of IEC 60335-2-75:2012+A2
1034.	Commercial dispensing appliances and vending machines	Internal wiring	Cl. 23.102 of IS 302-2-75:2018 Cl. 23.102 of IEC 60335-2-75:2012+A2

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	<b>Safety Testing Facility</b>		
1035.	Commercial dispensing appliances and vending machines	Internal wiring	Cl. 23.104 of IS 302-2-75:2018 Cl. 23.104 of IEC 60335-2-75:2012+A2
1036.	Commercial dispensing appliances and vending machines	Components	Cl. 24 of IS 302-2-75:2018 Cl. 24 of IEC 60335-2-75:2012+A2
1037.	Commercial dispensing appliances and vending machines	Components	Cl. 24.101 of IS 302-2-75:2018 Cl. 24.101 of IEC 60335-2-75:2012+A2
1038.	Commercial dispensing appliances and vending machines	Components	Cl. 24.102 of IS 302-2-75:2018 Cl. 24.102 of IEC 60335-2-75:2012+A2
1039.	Commercial dispensing appliances and vending machines	Components	Cl. 24.103 of IS 302-2-75:2018 Cl. 24.103 of IEC 60335-2-75:2012+A2
1040.	Commercial dispensing appliances and vending machines	Supply connection and external flexible cords	Cl. 25 of IS 302-2-75:2018 Cl. 25 of IEC 60335-2-75:2012+A2
1041.	Commercial dispensing appliances and vending machines	Terminals for external conductors	Cl. 26 of IS 302-2-75:2018 Cl. 26 of IEC 60335-2-75:2012+A2
1042.	Commercial dispensing appliances and vending machines	Provision for earthing	Cl. 27 of IS 302-2-75:2018 Cl. 27 of IEC 60335-2-75:2012+A2
1043.	Commercial dispensing appliances and vending machines	Screws and connections	Cl. 28 of IS 302-2-75:2018 Cl. 28 of IEC 60335-2-75:2012+A2

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	<b>Safety Testing Facility</b>		
1044.	Commercial dispensing appliances and vending machines	Creepage distance & clearances / clearances, creepage distances and solid insulations	Cl. 29 of IS 302-2-75:2018 Cl. 29 of IEC 60335-2-75:2012+A2
1045.	Commercial dispensing appliances and vending machines	Resistance to heat and fire	Cl. 30 of IS 302-2-75:2018 Cl. 30 of IEC 60335-2-75:2012+A2
1046.	Commercial dispensing appliances and vending machines	Resistance to rusting	Cl. 31 of IS 302-2-75:2018 Cl. 31 of IEC 60335-2-75:2012+A2
1047.	Commercial dispensing appliances and vending machines	Radiation, toxicity and similar hazards	Cl. 32 of IS 302-2-75:2018 Cl. 32 of IEC 60335-2-75:2012+A2
1048.	Particular requirements for grills, toasters and similar portable cooking appliances	General requirement	Cl. 4 of IS 302-2-9:2009 (Reaffirmed Year: 2014), Cl. 4 of IEC 60335-2-9: 2019
1049.	Particular requirements for grills, toasters and similar portable cooking appliances	General condition for the test	Cl. 5 of IS 302-2-9:2009 (Reaffirmed Year: 2014), Cl. 5 of IEC 60335-2-9: 2019
1050.	Particular requirements for grills, toasters and similar portable cooking appliances	Classification	Cl. 6 of IS 302-2-9:2009 (Reaffirmed Year: 2014), Cl. 6 of IEC 60335-2-9: 2019
1051.	Particular requirements for grills, toasters and similar portable cooking appliances	Marking and instruction	Cl. 7 of IS 302-2-9:2009 (Reaffirmed Year: 2014), Cl. 7 of IEC 60335-2-9: 2019

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Safety Testing Facility		
1052.	Particular requirements for grills, toasters and similar portable cooking appliances	Marking and instruction	Cl. 7.1 to 7.13, 7.15, 7.14, 7.16 of IS 302-2-9:2009 (Reaffirmed Year: 2014), Cl. 7.1 to 7.13, 7.15, 7.16 of IEC 60335-2-9: 2019
1053.	Particular requirements for grills, toasters and similar portable cooking appliances	Protection against electric shock	Cl. 8, 8.1, 8.1.1 & 8.2 of IS 302-2-9:2009 (Reaffirmed Year: 2014), Cl. 8, 8.1, 8.1.1 & 8.2 of IEC 60335-2-9: 2019
1054.	Particular requirements for grills, toasters and similar portable cooking appliances	Protection against electric shock	Cl. 8.1.2 of IS 302-2-9:2009 (Reaffirmed Year: 2014), Cl. 8.1.2 of IEC 60335-2-9: 2019
1055.	Particular requirements for grills, toasters and similar portable cooking appliances	Protection against electric shock	Cl. 8.1.3 of IS 302-2-9:2009 (Reaffirmed Year: 2014), Cl. 8.1.3 of IEC 60335-2-9: 2019
1056.	Particular requirements for grills, toasters and similar portable cooking appliances	Protection against electric shock	Cl. 8.1.4 of IS 302-2-9:2009 (Reaffirmed Year: 2014), Cl. 8.1.4 of IEC 60335-2-9: 2019
1057.	Particular requirements for grills, toasters and similar portable cooking appliances	Protection against electric shock	Cl. 8.1.5 of IS 302-2-9:2009 (Reaffirmed Year: 2014), Cl. 8.1.5 of IEC 60335-2-9: 2019
1058.	Particular requirements for grills, toasters and similar portable cooking appliances	Starting for motor operated appliances	Cl. 9 of IS 302-2-9:2009 (Reaffirmed Year: 2014), Cl. 9 of IEC 60335-2-9: 2019

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Safety Testing Facility		
1059.	Particular requirements for grills, toasters and similar portable cooking appliances	Power input and current	Cl. 10 of IS 302-2-9:2009 (Reaffirmed Year: 2014); Cl. 10 of IEC 60335-2-9: 2019
1060.	Particular requirements for grills, toasters and similar portable cooking appliances	Heating/ temperature rise test	Cl. 11 of IS 302-2-9:2009 (Reaffirmed Year: 2014); Cl. 11 of IEC 60335-2-9: 2019
1061.	Particular requirements for grills, toasters and similar portable cooking appliances	Leakage current and electric strength at operating temperature	Cl. 13 of IS 302-2-9:2009 (Reaffirmed Year: 2014); Cl. 13 of IEC 60335-2-9: 2019
1062.	Particular requirements for grills, toasters and similar portable cooking appliances	Leakage current and electric strength at operating temperature	Cl. 13.1 & 13.2 of IS 302-2-9:2009 (Reaffirmed Year: 2014); Cl. 13.1 & 13.2 of IEC 60335-2-9: 2019
1063.	Particular requirements for grills, toasters and similar portable cooking appliances	Leakage current and electric strength at operating temperature	Cl. 13.3 of IS 302-2-9:2009 (Reaffirmed Year: 2014); Cl. 13.3 of IEC 60335-2-9: 2019
1064.	Particular requirements for grills, toasters and similar portable cooking appliances	Transient over voltage	Cl. 14 of IS 302-2-9:2009 (Reaffirmed Year: 2014); Cl. 14 of IEC 60335-2-9: 2019
1065.	Particular requirements for grills, toasters and similar portable cooking appliances	Moisture resistance	Cl. 15 of IS 302-2-9:2009 (Reaffirmed Year: 2014); Cl. 15 of IEC 60335-2-9: 2019

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	<b>Safety Testing Facility</b>		
1066.	Particular requirements for grills, toasters and similar portable cooking appliances	Moisture resistance	Cl. 15.1 of IS 302-2-9:2009 (Reaffirmed Year: 2014) Cl. 15.1 of IEC 60335-2-9: 2019
1067.	Particular requirements for grills, toasters and similar portable cooking appliances	Moisture resistance	Cl. 15.2 of IS 302-2-9:2009 (Reaffirmed Year: 2014) Cl. 15.2 of IEC 60335-2-9: 2019
1068.	Particular requirements for grills, toasters and similar portable cooking appliances	Moisture resistance	Cl. 15.3 of IS 302-2-9:2009 (Reaffirmed Year: 2014) Cl. 15.3 of IEC 60335-2-9: 2019
1069.	Particular requirements for grills, toasters and similar portable cooking appliances	Leakage current and electric strength	Cl. 16 of IS 302-2-9:2009 (Reaffirmed Year: 2014); Cl. 16 of IEC 60335-2-9: 2019
1070.	Particular requirements for grills, toasters and similar portable cooking appliances	Leakage current and electric strength	Cl. 16.1 & 16.2 of IS 302-2-9:2009 (Reaffirmed Year: 2014); Cl. 16.1 & 16.2 of IEC 60335-2-9: 2019
1071.	Particular requirements for grills, toasters and similar portable cooking appliances	Leakage current and electric strength	Cl. 16.3 of IS 302-2-9:2009 (Reaffirmed Year: 2014) Cl. 16.3 of IEC 60335-2-9: 2019
1072.	Particular requirements for grills, toasters and similar portable cooking appliances	Overload protection/ overload protection of transformer and associated circuits	Cl. 17 of IS 302-2-9:2009 (Reaffirmed Year: 2014); Cl. 17 of IEC 60335-2-9: 2019

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**Classic Testing & Research Centre**

B-17, Sector-65,  
Noida-201301, Uttar Pradesh, India

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\*Scope Amended w.e.f.: 04 September 2025  
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Accreditation Standard: ISO/IEC 17025:2017

Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Safety Testing Facility		
1073.	Particular requirements for grills, toasters and similar portable cooking appliances	Endurance	Cl. 18 of IS 302-2-9:2009 (Reaffirmed Year: 2014), Cl. 18 of IEC 60335-2-9: 2019
1074.	Particular requirements for grills, toasters and similar portable cooking appliances	Abnormal operation	Cl. 19 of IS 302-2-9:2009 (Reaffirmed Year: 2014); Cl. 19 of IEC 60335-2-9: 2019
1075.	Particular requirements for grills, toasters and similar portable cooking appliances	Abnormal operation (electrostatic discharge immunity test)	Cl.19.11.4.1 IS 302-2-9:2009 (Reaffirmed Year: 2014), Cl. 19.11.4.1 of IEC 60335-2-9: 2019, IEC 61000-4-2: 2008, IS 14700 (Part 4/Sec 2:2018)
1076.	Particular requirements for grills, toasters and similar portable cooking appliances	Abnormal operation (radiated, radio-frequency, electromagnetic field immunity test)	Cl.19.11.4.2 IS 302-2-9:2009 (Reaffirmed Year: 2014), Cl. 19.11.4.2 of IEC 60335-2-9: 2019, IEC 61000-4-3: 2008, IS 14700 (Part 4/Sec 3:2023)
1077.	Particular requirements for grills, toasters and similar portable cooking appliances	Abnormal operation (electrical fast transient/burst immunity test)	Cl.19.11.4.3 IS 302-2-9:2009 (Reaffirmed Year: 2014), Cl. 19.11.4.3 of IEC 60335-2-9: 2019; IEC 61000-4-4: 2012, IS 14700 (Part 4/Sec 4)
1078.	Particular requirements for grills, toasters and similar portable cooking appliances	Abnormal operation (surge immunity test)	Cl.19.11.4.4 IS 302-2-9:2009 (Reaffirmed Year: 2014), Cl. 19.11.4.4 of IEC 60335-2-9: 2019; IEC 61000-4-5: 2014, IS 14700 (Part 4/Sec 5)

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Safety Testing Facility		
1079.	Particular requirements for grills, toasters and similar portable cooking appliances	Abnormal operation (Immunity to conducted disturbances, induced by radio-frequency fields)	Cl.19.11.4.5 IS 302-2-9:2009 (Reaffirmed Year: 2014), Cl. 19.11.4.5 of IEC 60335-2-9: 2019; IEC 61000-4-6: 2023
1080.	Particular requirements for grills, toasters and similar portable cooking appliances	Abnormal operation (voltage dips, short interruptions and voltage variations immunity tests for equipment with input current up to 16 a per phase )	Cl.19.11.4.6 IS 302-2-9:2009 (Reaffirmed Year: 2014) , Cl. 19.11.4.6 of IEC 60335-2-9: 2019 IEC 61000-4-11: 2020, IS 14700 (Part 4/Sec 11)
1081.	Particular requirements for grills, toasters and similar portable cooking appliances	Abnormal operation (voltage dips, short interruptions and voltage variations immunity tests for equipment with mains current more than 16 a per phase )	Cl. 19.11.4.6 of IEC 60335-2-9: 2019 IEC 61000-4-34: 2005
1082.	Particular requirements for grills, toasters and similar portable cooking appliances	Abnormal operation (harmonics and inter harmonics including mains signaling at A.C. Power port, low frequency immunity tests)	Cl.19.11.4.7 IS 302-2-9:2009 (Reaffirmed Year: 2014), Cl. 19.11.4.7 of IEC 60335-2-9: 2019 IEC 61000-4-13: 2002
1083.	Particular requirements for grills, toasters and similar portable cooking appliances	Stability and mechanical hazards	Cl. 20 of IS 302-2-9:2009 (Reaffirmed Year: 2014), Cl. 20 of IEC 60335-2-9: 2019
1084.	Particular requirements for grills, toasters and similar portable cooking appliances	Mechanical strength	Cl. 21 of IS 302-2-9:2009 (Reaffirmed Year: 2014), Cl. 21 of IEC 60335-2-9: 2019

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	<b>Safety Testing Facility</b>		
1085.	Particular requirements for grills, toasters and similar portable cooking appliances	Construction	Cl. 22 of IS 302-2-9:2009 (Reaffirmed Year: 2014), Cl. 22 of IEC 60335-2-9: 2019
1086.	Particular requirements for grills, toasters and similar portable cooking appliances	Construction	Cl. 22.32 of IS 302-2-9:2009 (Reaffirmed Year: 2014), Cl. 22.32 of IEC 60335-2-9: 2019
1087.	Particular requirements for grills, toasters and similar portable cooking appliances	Internal wiring	Cl. 23 of IS 302-2-9:2009 (Reaffirmed Year: 2014), Cl. 23 of IEC 60335-2-9: 2019
1088.	Particular requirements for grills, toasters and similar portable cooking appliances	Components	Cl. 24 of IS 302-2-9:2009 (Reaffirmed Year: 2014); Cl. 24 of IEC 60335-2-9: 2019
1089.	Particular requirements for grills, toasters and similar portable cooking appliances	Supply connection and external flexible cords	Cl. 25 of IS 302-2-9:2009 (Reaffirmed Year: 2014); Cl. 25 of IEC 60335-2-9: 2019
1090.	Particular requirements for grills, toasters and similar portable cooking appliances	Terminals for external conductors	Cl. 26 of IS 302-2-9:2009 (Reaffirmed Year: 2014); Cl. 26 of IEC 60335-2-9: 2019
1091.	Particular requirements for grills, toasters and similar portable cooking appliances	Provision for earthing	Cl. 27 of IS 302-2-9:2009 (Reaffirmed Year: 2014); Cl. 27 of IEC 60335-2-9: 2019
1092.	Particular requirements for grills, toasters and similar portable cooking appliances	Screws and connections	Cl. 28 of IS 302-2-9:2009 (Reaffirmed Year: 2014); Cl. 28 of IEC 60335-2-9: 2019

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Safety Testing Facility		
1093.	Particular requirements for grills, toasters and similar portable cooking appliances	Creepage distance & clearances / clearances, creepage distances and solid insulations	Cl. 29 of IS 302-2-9:2009 (Reaffirmed Year: 2014); Cl. 29 of IEC 60335-2-9: 2019
1094.	Particular requirements for grills, toasters and similar portable cooking appliances	Resistance to heat and fire	Cl. 30 of IS 302-2-9:2009 (Reaffirmed Year: 2014); Cl. 30 of IEC 60335-2-9: 2019
1095.	Particular requirements for grills, toasters and similar portable cooking appliances	Resistance to heat and fire	Cl. 30.1 of IS 302-2-9:2009 (Reaffirmed Year: 2014) Cl. 30.1 of IEC 60335-2-9: 2019
1096.	Particular requirements for grills, toasters and similar portable cooking appliances	Resistance to heat and fire	Cl. 30.2 of IS 302-2-9:2009 (Reaffirmed Year: 2014) Cl. 30.2 of IEC 60335-2-9: 2019
1097.	Particular requirements for grills, toasters and similar portable cooking appliances	Resistance to heat and fire	Cl. 30.2.4 of IS 302-2-9:2009 (Reaffirmed Year: 2014) Cl. 30.2.4 of IEC 60335-2-9: 2019
1098.	Particular requirements for grills, toasters and similar portable cooking appliances	Resistance to rusting	Cl. 31 of IS 302-2-9:2009 (Reaffirmed Year: 2014); Cl. 31 of IEC 60335-2-9: 2019
1099.	Particular requirements for grills, toasters and similar portable cooking appliances	Radiation, toxicity and similar hazards	Cl. 32 of IS 302-2-9:2009 (Reaffirmed Year: 2014); Cl. 32 of IEC 60335-2-9: 2019
1100.	Commercial refrigerating appliances and ice-makers with an incorporated or remote refrigerant unit or	General requirement	Cl.4 of IEC 60335-2- 89: 2019

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	<b>Safety Testing Facility</b>		
	motor-compressor		
1101.	Commercial refrigerating appliances and ice-makers with an incorporated or remote refrigerant unit or motor-compressor	General condition for the test	Cl.5 of IEC 60335-2- 89: 2019
1102.	Commercial refrigerating appliances and ice-makers with an incorporated or remote refrigerant unit or motor-compressor	Classification	Cl.6 of IEC 60335-2- 89: 2019
1103.	Commercial refrigerating appliances and ice-makers with an incorporated or remote refrigerant unit or motor-compressor	Marking / marking & instructions	Cl.7 of IEC 60335-2- 89: 2019
1104.	Commercial refrigerating appliances and ice-makers with an incorporated or remote refrigerant unit or motor-compressor	Protection against electric shock / protection against access to live parts	Cl.8 of IEC 60335-2- 89: 2019
1105.	Commercial refrigerating appliances and ice-makers with an incorporated or remote refrigerant unit or motor-compressor	Input and current /power input and current	Cl.10 of IEC 60335- 2-89: 2019
1106.	Commercial refrigerating	Temperature rise / heating	Cl.11 of IEC 60335- 2-89: 2019

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	<b>Safety Testing Facility</b>		
	appliances and ice-makers with an incorporated or remote refrigerant unit or motor-compressor		
1107.	Commercial refrigerating appliances and ice-makers with an incorporated or remote refrigerant unit or motor-compressor	Electrical insulation and leakage current at operating temperature / leakage current and electric strength at operating temperature	Cl.13 of IEC 60335- 2-89: 2019
1108.	Commercial refrigerating appliances and ice-makers with an incorporated or remote refrigerant unit or motor-compressor	Transient over voltage test	Cl.14 of IEC 60335- 2-89: 2019
1109.	Commercial refrigerating appliances and ice-makers with an incorporated or remote refrigerant unit or motor-compressor	Moisture resistance	Cl.15 of IEC 60335- 2-89: 2019
1110.	Commercial refrigerating appliances and ice-makers with an incorporated or remote refrigerant unit or motor-compressor	Electric strength (after humidity treatment)/ leakage current and et	Cl.16 of IEC 60335- 2-89: 2019
1111.	Commercial refrigerating appliances and ice-makers with an incorporated or	Overload protection of transformers and associated circuits/overload protection	Cl.17 of IEC 60335- 2-89: 2019

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	<b>Safety Testing Facility</b>		
	remote refrigerant unit or motor-compressor		
1112.	Commercial refrigerating appliances and ice-makers with an incorporated or remote refrigerant unit or motor-compressor	Abnormal operation	Cl.19 of IEC 60335- 2-89: 2019
1113.	Commercial refrigerating appliances and ice-makers with an incorporated or remote refrigerant unit or motor-compressor	Abnormal operation (electrostatic discharge immunity test)	Cl.19.11.4.1 of IEC 60335- 2-89: 2019; IEC 61000-4-2: 2008, IS 14700 (Part 4/Sec 2:2018)
1114.	Commercial refrigerating appliances and ice-makers with an incorporated or remote refrigerant unit or motor-compressor	Abnormal operation (radiated, radio-frequency, electromagnetic field immunity test)	Cl.19.11.4.2 of IEC 60335- 2-89: 2019 IEC 61000-4-3: 2008, IS 14700 (Part 4/Sec 3:2023)
1115.	Commercial refrigerating appliances and ice-makers with an incorporated or remote refrigerant unit or motor-compressor	Abnormal operation (electrical fast transient/burst immunity test)	Cl.19.11.4.3 of IEC 60335- 2-89: 2019 IEC 61000-4-4: 2012, IS 14700 (Part 4/Sec 4)
1116.	Commercial refrigerating appliances and ice-makers with an incorporated or remote refrigerant unit or motor-compressor	Abnormal operation (surge immunity test)	Cl.19.11.4.4 of IEC 60335- 2-89: 2019 IEC 61000-4-5: 2014, IS 14700 (Part 4/Sec 5)

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	<b>Safety Testing Facility</b>		
1117.	Commercial refrigerating appliances and ice-makers with an incorporated or remote refrigerant unit or motor-compressor	Abnormal operation (immunity to conducted disturbances, induced by radio-frequency fields)	Cl.19.11.4.5 of IEC 60335- 2-89: 2019; IEC 61000-4-6: 2023
1118.	Commercial refrigerating appliances and ice-makers with an incorporated or remote refrigerant unit or motor-compressor	Abnormal operation (voltage dips, short interruptions and voltage variations immunity tests for equipment with input current up to 16 a per phase)	Cl.19.11.4.6 of IEC 60335- 2-89: 2019 IEC 61000-4-11: 2020, IS 14700 (Part 4/Sec 11)
1119.	Commercial refrigerating appliances and ice-makers with an incorporated or remote refrigerant unit or motor-compressor	Abnormal operation (voltage dips, short interruptions and voltage variations immunity tests for equipment with mains current more than 16 a per phase)	Cl.19.11.4.6 of IEC 60335- 2-89: 2019; IEC 61000-4-34: 2005
1120.	Commercial refrigerating appliances and ice-makers with an incorporated or remote refrigerant unit or motor-compressor	Abnormal operation (harmonics and inter harmonics including mains signaling at A.C. Power port, low frequency immunity tests)	Cl.19.11.4.7 of IEC 60335- 2-89: 2019; IEC 61000-4-13: 2002
1121.	Commercial refrigerating appliances and ice-makers with an incorporated or remote refrigerant unit or motor-compressor	Stability and mechanical hazards	Cl.20 of IEC 60335- 2-89: 2019

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	<b>Safety Testing Facility</b>		
1122.	Commercial refrigerating appliances and ice-makers with an incorporated or remote refrigerant unit or motor-compressor	Mechanical strength	Cl.21 of IEC 60335- 2-89: 2019
1123.	Commercial refrigerating appliances and ice-makers with an incorporated or remote refrigerant unit or motor-compressor	Construction	Cl.22 of IEC 60335- 2-89: 2019
1124.	Commercial refrigerating appliances and ice-makers with an incorporated or remote refrigerant unit or motor-compressor	Internal wiring	Cl.23 of IEC 60335- 2-89: 2019
1125.	Commercial refrigerating appliances and ice-makers with an incorporated or remote refrigerant unit or motor-compressor	Verification of components	Cl.24 of IEC 60335- 2-89: 2019
1126.	Commercial refrigerating appliances and ice-makers with an incorporated or remote refrigerant unit or motor-compressor	Supply connection & external flexible cords	Cl.25 of IEC 60335- 2-89: 2019
1127.	Commercial refrigerating appliances and ice-makers with an incorporated or	Terminals for external conductors	Cl.26 of IEC 60335- 2-89: 2019

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	<b>Safety Testing Facility</b>		
	remote refrigerant unit or motor-compressor		
1128.	Commercial refrigerating appliances and ice-makers with an incorporated or remote refrigerant unit or motor-compressor	Provision for earthing	Cl.27 of IEC 60335- 2-89: 2019
1129.	Commercial refrigerating appliances and ice-makers with an incorporated or remote refrigerant unit or motor-compressor	Screws and connections	Cl.28 of IEC 60335- 2-89: 2019
1130.	Commercial refrigerating appliances and ice-makers with an incorporated or remote refrigerant unit or motor-compressor	Creepage distance & clearances / clearances, creepage distances and solid insulations	Cl.29 of IEC 60335- 2-89: 2019
1131.	Commercial refrigerating appliances and ice-makers with an incorporated or remote refrigerant unit or motor-compressor	Resistance to heat, fire and tracking / resistance to heat and fire	Cl.30 of IEC 60335- 2-89: 2019
1132.	Commercial refrigerating appliances and ice-makers with an incorporated or remote refrigerant unit or motor-compressor	Resistance to rusting	Cl.31 of IEC 60335- 2-89: 2019

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	<b>Safety Testing Facility</b>		
1133.	Commercial refrigerating appliances and ice-makers with an incorporated or remote refrigerant unit or motor-compressor	Radiation, toxicity and similar hazards	Cl. 32 of IEC 60335- 2-89: 2019
1134.	Refrigerators, food- freezers and ice- makers	General requirement	Cl.4 of IS: 302-2- 24: 1994
1135.	Refrigerators, food- freezers and ice- makers	Rating	cl.5 of IS: 302-2- 24: 1994
1136.	Refrigerators, food- freezers and ice- makers	Classification	cl.6 of IS: 302-2- 24: 1994
1137.	Refrigerators, food- freezers and ice- makers	Marking	cl.7 of IS: 302-2- 24: 1994
1138.	Refrigerators, food- freezers and ice- makers	Protection against access to live parts	cl.8 of IS: 302-2- 24: 1994
1139.	Refrigerators, food- freezers and ice- makers	Starting of motor operating appliances	cl.9 of IS: 302-2- 24: 1994
1140.	Refrigerators, food- freezers and ice- makers	Input	cl.10 of IS: 302-2- 24: 1994
1141.	Refrigerators, food- freezers and ice- makers	Temperature rise	cl.11 of IS: 302-2- 24: 1994
1142.	Refrigerators, food- freezers and ice- makers	Operation under overload condition of appliances with heating elements	cl.12 of IS: 302-2- 24: 1994
1143.	Refrigerators, food- freezers and ice- makers	Leakage current and electric strength at operating temperature	cl.13 of IS: 302-2- 24: 1994

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1144.	Refrigerators, food- freezers and ice- makers	Transient over voltages	cl.14 of IS: 302-2- 24: 1994
1145.	Refrigerators, food- freezers and ice- makers	Moisture resistance	cl.15 of IS: 302-2- 24: 1994
1146.	Refrigerators, food- freezers and ice- makers	Insulation resistance and electric strength (after humidity treatment)	cl.16 of IS: 302-2- 24: 1994
1147.	Refrigerators, food- freezers and ice- makers	Overload protection	cl.17 of IS: 302-2- 24: 1994
1148.	Refrigerators, food- freezers and ice- makers	Abnormal operation	cl.19 of IS: 302-2- 24: 1994
1149.	Refrigerators, food- freezers and ice- makers	Stability and mechanical hazards	cl.20 of IS: 302-2- 24: 1994
1150.	Refrigerators, food- freezers and ice- makers	Mechanical strength	cl.21 of IS: 302-2- 24: 1994
1151.	Refrigerators, food- freezers and ice- makers	Construction	cl.22 of IS : 302-2- 24: 1994
1152.	Refrigerators, food- freezers and ice- makers	Internal wiring	cl.23 of IS : 302-2- 24: 1994
1153.	Refrigerators, food- freezers and ice- makers	Verification of components	cl.24 of IS : 302-2- 24: 1994
1154.	Refrigerators, food- freezers and ice- makers	Supply connection and external flexible cable and cords	cl.25 of IS : 302-2- 24: 1994
1155.	Refrigerators, food- freezers and ice- makers	Terminals for external conductors	cl.26 of IS : 302-2- 24: 1994
1156.	Refrigerators, food- freezers and ice- makers	Provision for earthing	cl.27 of IS : 302-2- 24: 1994

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	<b>Safety Testing Facility</b>		
1157.	Refrigerators, food- freezers and ice- makers	Screws and connections	cl.28 of IS : 302-2- 24: 1994
1158.	Refrigerators, food- freezers and ice- makers	Creepage distances, clearances and distance through insulation	cl.29 of IS : 302-2- 24: 1994
1159.	Refrigerators, food- freezers and ice- makers	Resistance to heat, fire and tracking	cl.30 of IS : 302-2- 24: 1994
1160.	Refrigerators, food- freezers and ice- makers	Resistance to rusting	cl.31 of IS : 302-2- 24: 1994
1161.	Refrigerators, food- freezers and ice- makers	Radiation, toxicity and similar hazards	Cl. 32 of IS : 302-2- 24: 1994
1162.	Electric iron	General requirement	Cl.4 of IS 302-2-3: 2007 +A1:2013, IEC 60335-2-3: 20224
1163.	Electric iron	General condition for the test	Cl.5 of IS 302-2-3: 2007 +A1:2013, IEC 60335-2-3: 2022
1164.	Electric iron	Classification	Cl.6 of IS 302-2-3: 2007 +A1:2013, IEC 60335-2-3: 2022
1165.	Electric iron	Marking and instructions	Cl. 7 of IS 302-2-3: 2007 +A1:2013, IEC 60335-2-3: 2022
1166.	Electric iron	Protection against access to live parts	Cl. 8 of IS 302-2-3: 2007 +A1:2013, IEC 60335-2-3: 2022
1167.	Electric iron	Power input and current	Cl.10 of IS 302-2-3: 2007 +A1:2013, IEC 60335-2-3: 2022
1168.	Electric iron	Heating	Cl.11 of IS 302-2-3: 2007 +A1:2013, IEC 60335-2-3: 2022
1169.	Electric iron	Leakage current and electric strength at operating temperature	Cl.13 of IS 302-2-3: 2007 +A1:2013, IEC 60335-2-3: 2022

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## Centre for International Accreditation

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**Scope of Accreditation**  
**Classic Testing & Research Centre**  
B-17, Sector-65,  
Noida-201301, Uttar Pradesh, India

QAI/CIA/TL/2024/0047

Valid from: 08 March 2024  
\*Scope Amended w.e.f.: 04 September 2025  
Valid until: 07 March 2026

Accreditation Standard: ISO/IEC 17025:2017

Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Safety Testing Facility		
1170.	Electric iron	Transient over voltage	Cl.14 of IS 302-2-3: 2007 +A1:2013, IEC 60335-2-3: 2022
1171.	Electric iron	Moisture resistance	Cl.15 of IS 302-2-3: 2007 +A1:2013, IEC 60335-2-3: 2022
1172.	Electric iron	Leakage current and electric strength	Cl. 16 of IS 302-2-3: 2007 +A1:2013, IEC 60335-2-3: 2022
1173.	Electric iron	Abnormal operation	Cl. 19 of IS 302-2-3: 2007 +A1:2013, IEC 60335-2-3: 2022
1174.	Electric iron	Stability and mechanical hazards	Cl. 20 of IS 302-2-3: 2007 +A1:2013, IEC 60335-2-3: 2022
1175.	Electric iron	Mechanical strength	Cl. 21 of IS 302-2-3: 2007 +A1:2013, IEC 60335-2-3: 2022
1176.	Electric iron	Construction	Cl. 22 of IS 302-2-3: 2007 +A1:2013, IEC 60335-2-3: 2022
1177.	Electric iron	Internal wiring	Cl. 23 of IS 302-2-3: 2007 +A1:2013, IEC 60335-2-3: 2022
1178.	Electric iron	Components	Cl. 24 of IS 302-2-3: 2007 +A1:2013, IEC 60335-2-3: 2022
1179.	Electric iron	Supply connection and external flexible cords	Cl. 25 of IS 302-2-3: 2007 +A1:2013, IEC 60335-2-3: 2022
1180.	Electric iron	Terminal for external conductor	Cl. 26 of IS 302-2-3: 2007 +A1:2013, IEC 60335-2-3: 2022

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Accreditation Standard: ISO/IEC 17025:2017

Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Safety Testing Facility		
1181.	Electric iron	Provision for earthing	Cl. 27 of IS 302-2-3: 2007 +A1:2013, IEC 60335-2-3: 2022
1182.	Electric iron	Screws and connections	Cl. 28 of IS 302-2-3: 2007 +A1:2013, IEC 60335-2-3: 2022
1183.	Electric iron	Clearances, creepage distances and solid insulation	Cl. 29 of IS 302-2-3: 2007 +A1:2013, IEC 60335-2-3: 2022
1184.	Electric iron	Resistance to heat and fire	Cl. 30 of IS 302-2-3: 2007 +A1:2013, IEC 60335-2-3: 2022
1185.	Electric iron	Resistance to rusting	Cl. 31 of IS 302-2-3: 2007 +A1:2013, IEC 60335-2-3: 2022
1186.	Electric iron	Radiation, toxicity and similar hazards	Cl. 32 of IS 302-2-3: 2007 +A1:2013, IEC 60335-2-3: 2022
1187.	Range hoods and other cooking fume extractors	General requirement	Cl.4 of IEC 60335-2-31: 2024
1188.	Range hoods and other cooking fume extractors	Rating	Cl.5 of IEC 60335-2-31: 2024
1189.	Range hoods and other cooking fume extractors	Marking and instructions	Cl.7 of IEC 60335-2-31: 2024
1190.	Range hoods and other cooking fume extractors	Protection against access to live parts	Cl.8 of IEC 60335-2-31: 2024
1191.	Range hoods and other cooking fume extractors	Power input and current	Cl.10 of IEC 60335-2-31: 2024
1192.	Range hoods and other cooking fume extractors	Heating	Cl.11 of IEC 60335-2-31: 2024

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*Accreditation Standard: ISO/IEC 17025:2017*

Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	<b>Safety Testing Facility</b>		
1193.	Range hoods and other cooking fume extractors	Charging of metal-ion batteries	Cl.12 of IEC 60335-2-31: 2024
1194.	Range hoods and other cooking fume extractors	Leakage current and electric strength at operating temperature	Cl.13 of IEC 60335-2-31: 2024
1195.	Range hoods and other cooking fume extractors	Transient over voltages	Cl.14 of IEC 60335-2-31: 2024
1196.	Range hoods and other cooking fume extractors	Moisture resistance	Cl.15 of IEC 60335-2-31: 2024
1197.	Range hoods and other cooking fume extractors	Leakage current and electric strength	Cl.16 of IEC 60335-2-31: 2024
1198.	Range hoods and other cooking fume extractors	Overload protection of transformer and associated circuits	Cl.17 of IEC 60335-2-31: 2024
1199.	Range hoods and other cooking fume extractors	Abnormal operation	Cl.19 of IEC 60335-2-31: 2024
1200.	Range hoods and other cooking fume extractors	Stability and mechanical hazards	Cl.20 of IEC 60335-2-31: 2024
1201.	Range hoods and other cooking fume extractors	Mechanical strength	Cl.21 of IEC 60335-2-31: 2024
1202.	Range hoods and other cooking fume extractors	Construction	Cl.22 of IEC 60335-2-31: 2024
1203.	Range hoods and other cooking fume extractors	Internal wiring	Cl.23 of IEC 60335-2-31: 2024
1204.	Range hoods and other cooking fume extractors	Components	Cl.24 of IEC 60335-2-31: 2024

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Accreditation Standard: ISO/IEC 17025:2017

Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	<b>Safety Testing Facility</b>		
1205.	Range hoods and other cooking fume extractors	Supply connection and external flexible cords	Cl.25 of IEC 60335-2-31: 2024
1206.	Range hoods and other cooking fume extractors	Terminal for external	Cl.26 of IEC 60335-2-31: 2024
1207.	Range hoods and other cooking fume extractors	Provision for earthing	Cl.27 of IEC 60335-2-31: 2024
1208.	Range hoods and other cooking fume extractors	Screws and connections	Cl.28 of IEC 60335-2-31: 2024
1209.	Range hoods and other cooking fume extractors	Clearances, creepage distances and solid insulation	Cl.29 of IEC 60335-2-31: 2024
1210.	Range hoods and other cooking fume extractors	Resistance to heat and fire	Cl.30 of IEC 60335-2-31: 2024
1211.	Range hoods and other cooking fume extractors	Resistance to rusting	Cl.31 of IEC 60335-2-31: 2024
1212.	Range hoods and other cooking fume extractors	Radiation, toxicity and similar hazards	Cl.32 of IEC 60335-2-31: 2024
1213.	Range hoods	General requirement	Cl. 4 of IS 302-2-31:2009 (Reaffirmed Year: 2014); Cl. 4 of IEC 60335-2-31:2024
1214.	Range hoods	General condition for the test	Cl. 5 of IS 302-2-31:2009 (Reaffirmed Year: 2014); Cl. 5 of IEC 60335-2-31:2024
1215.	Range hoods	General condition for the test	Cl. 5.18 of IS 302-2-31:2009 (Reaffirmed Year: 2014) Cl. 5.18 of IEC 60335-2-31:2024
1216.	Range hoods	Classification	Cl. 6 of IS 302-2-31:2009 (Reaffirmed Year: 2014); Cl. 6 of IEC 60335-2-

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Safety Testing Facility		
			31:2024
1217.	Range hoods	Classification	Cl. 6.2 of IS 302-2-31:2009 (Reaffirmed Year: 2014); Cl. 6.2 of IEC 60335-2-31:2024
1218.	Range hoods	Marking and instruction	Cl. 7 of IS 302-2-31:2009 (Reaffirmed Year: 2014); Cl. 7 of IEC 60335-2-31:2024
1219.	Range hoods	Protection against electric shock	Cl. 8 of IS 302-2-31:2009 (Reaffirmed Year: 2014); Cl. 8 of IEC 60335-2-31:2024
1220.	Range hoods	Starting for motor operated appliances	Cl. 9 of IS 302-2-31:2009 (Reaffirmed Year: 2014); Cl. 9 of IEC 60335-2-31:2024
1221.	Range hoods	Power input and current	Cl. 10 of IS 302-2-31:2009 (Reaffirmed Year: 2014); Cl. 10 of IEC 60335-2-31:2024
1222.	Range hoods	Heating/ temperature rise test	Cl. 11 of IS 302-2-31:2009 (Reaffirmed Year: 2014) Cl. 11 of IEC 60335-2-31:2024
1223.	Range hoods	Leakage current and electric strength at operating temperature	Cl. 13 of IS 302-2-31:2009 (Reaffirmed Year: 2014) Cl. 13 of IEC 60335-2-31:2024
1224.	Range hoods	Transient over voltage	Cl. 14 of IS 302-2-31:2009 (Reaffirmed Year: 2014) Cl. 14 of IEC 60335-2-31:2024
1225.	Range hoods	Moisture resistance	Cl. 15 of IS 302-2-31:2009 (Reaffirmed Year: 2014)

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Safety Testing Facility		
			Cl. 15 of IEC 60335-2-31:2024
1226.	Range hoods	Leakage current and electric strength	Cl. 16 of IS 302-2-31:2009 (Reaffirmed Year: 2014) Cl. 16 of IEC 60335-2-31:2024
1227.	Range hoods	Overload protection/ overload protection of transformer and associated circuits	Cl. 17 of IS 302-2-31:2009 (Reaffirmed Year: 2014) Cl. 17 of IEC 60335-2-31:2024
1228.	Range hoods	Abnormal operation	Cl. 19 of IS 302-2-31:2009 (Reaffirmed Year: 2014) Cl. 19 of IEC 60335-2-31:2024
1229.	Range hoods	Abnormal operation (electrostatic discharge immunity test)	Cl.19.11.4.1 IS 302-2-31:2009 (Reaffirmed Year: 2014) Cl. 19.11.4.1 of IEC 60335-2-31:2024
1230.	Range hoods	Abnormal operation (radiated, radio-frequency, electromagnetic field immunity test)	Cl.19.11.4.2 of IS 302-2-31:2009 (Reaffirmed Year: 2014) Cl.19.11.4.2 of IEC 60335-2-31:2024; IEC 61000-4-3: 2008, IS 14700 (Part 4/Sec 3:2023)
1231.	Range hoods	Abnormal operation (electrical fast transient/burst immunity test)	Cl.19.11.4.3 of IS 302-2-31:2009 (Reaffirmed Year : 2014) Cl.19.11.4.3 of IEC 60335-2-31:2024; IEC 61000-4-4: 2012, IS 14700 (Part 4/Sec 4)

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Accreditation Standard: ISO/IEC 17025:2017

Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Safety Testing Facility		
1232.	Range hoods	Abnormal operation (surge immunity test)	Cl.19.11.4.4 of IS 302-2-31:2009 (Reaffirmed Year : 2014); Cl.19.11.4.4 of IEC 60335-2-31:2024; IEC 61000-4-5: 2014, IS 14700 (Part 4/Sec 5)
1233.	Range hoods	Abnormal operation (immunity to conducted disturbances, induced by radio-frequency fields)	Cl.19.11.4.5 of IS 302-2-31:2009 (Reaffirmed Year: 2014); Cl.19.11.4.5 of IEC 60335-2-31:2024; IEC 61000-4-6: 2023
1234.	Range hoods	Abnormal operation (voltage dips, short interruptions and voltage variations immunity tests for equipment with input current up to 16 a per phase )	Cl.19.11.4.6 of IS 302-2-31:2009 (Reaffirmed Year : 2014) Cl.19.11.4.6 of IEC 60335-2-31:2024; EC 61000-4-11: 2020, IS 14700 (Part 4/Sec 11)
1235.	Range hoods	Abnormal operation (voltage dips, short interruptions and voltage variations immunity tests for equipment with mains current more than 16 a per phase)	Cl.19.11.4.6 of IEC 60335-2-31:2024; IEC 61000-4-34: 2005
1236.	Range hoods	Abnormal operation (harmonics and inter harmonics including mains signaling at A.C. Power port, low frequency immunity tests)	Cl.19.11.4.7 of IS 302-2-31:2009 (Reaffirmed Year: 2014) Cl.19.11.4.7 of IEC 60335-2-31:2024

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Safety Testing Facility		
1237.	Range hoods	Stability and mechanical hazards	Cl. 20 of IS 302-2-31:2009 (Reaffirmed Year: 2014) Cl. 20 of IEC 60335-2-31:2024
1238.	Range hoods	Mechanical strength	Cl. 21 of IS 302-2-31:2009 (Reaffirmed Year: 2014) Cl. 21 of IEC 60335-2-31:2024
1239.	Range hoods	Construction	Cl. 22 of IS 302-2-31:2009 (Reaffirmed Year: 2014) Cl. 22 of IEC 60335-2-31:2024
1240.	Range hoods	Construction	Cl. 22.32 of IS 302-2-31:2009 (Reaffirmed Year : 2014) Cl. 22.32 of IEC 60335-2-31:2024
1241.	Range hoods	Internal wiring	Cl. 23 of IS 302-2-31:2009 (Reaffirmed Year: 2014) Cl. 23 of IEC 60335-2-31:2024
1242.	Range hoods	Components	Cl. 24 of IS 302-2-31:2009 (Reaffirmed Year : 2014) Cl. 24 of IEC 60335-2-31:2024
1243.	Range hoods	Supply connection and external flexible cords	Cl. 25 of IS 302-2-31:2009 (Reaffirmed Year : 2014) Cl. 25 of IEC 60335-2-31:2024

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Safety Testing Facility		
1244.	Range hoods	Terminals for external conductors	Cl. 26 of IS 302-2-31:2009 (Reaffirmed Year : 2014) Cl. 26 of IEC 60335-2-31:2024
1245.	Range hoods	Provision for earthing	Cl. 27 of IS 302-2-31:2009 (Reaffirmed Year: 2014) Cl. 27 of IEC 60335-2-31:2024
1246.	Range hoods	Screws and connections	Cl. 28 of IS 302-2-31:2009 (Reaffirmed Year: 2014) Cl. 28 of IEC 60335-2-31:2024
1247.	Range hoods	Creepage distance & clearances / clearances, creepage distances and solid insulations	Cl. 29 of IS 302-2-31:2009 (Reaffirmed Year: 2014) Cl. 29 of IEC 60335-2-31:2024
1248.	Range hoods	Resistance to heat and fire	Cl. 30 of IS 302-2-31:2009 (Reaffirmed Year: 2014) Cl. 30 of IEC 60335-2-31:2024
1249.	Range hoods	Resistance to rusting	Cl. 31 of IS 302-2-31:2009 (Reaffirmed Year: 2014) Cl. 31 of IEC 60335-2-31:2024
1250.	Range hoods	Radiation, toxicity and similar hazards	Cl. 32 of IS 302-2-31:2009 (Reaffirmed Year: 2014) Cl. 32 of IEC 60335-2-31:2024

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Safety Testing Facility		
1251.	Hair clipper and similar appliances	General requirement	Cl. 4 of IS 302-2-23:2009, Cl. 4 of IEC 60335-2-23: 2016+A1
1252.	Hair clipper and similar appliances	General condition for the test	Cl. 5 of IS 302-2-23:2009, Cl. 5 of IEC 60335-2-23: 2016+A1
1253.	Hair clipper and similar appliances	Classification	Cl. 6 of IS 302-2-23:2009, Cl. 6 of IEC 60335-2-23: 2016+A1
1254.	Hair clipper and similar appliances	Marking and instruction	Cl. 7 of IS 302-2-23:2009, Cl. 7 of IEC 60335-2-23: 2016+A1
1255.	Hair clipper and similar appliances	Protection against electric shock	Cl. 8 of IS 302-2-23:2009, Cl. 8 of IEC 60335-2-23: 2016+A1
1256.	Hair clipper and similar appliances	Starting for motor operated appliances	Cl. 9 of IS 302-2-23:2009, Cl. 9 of IEC 60335-2-23: 2016+A1
1257.	Hair clipper and similar appliances	Power input and current	Cl. 10 of IS 302-2-23:2009; Cl. 10 of IEC 60335-2-23: 2016+A1
1258.	Hair clipper and similar appliances	Heating/ temperature rise test	Cl. 11 of IS 302-2-23:2009 Cl. 11 of IEC 60335-2-23: 2016+A1
1259.	Hair clipper and similar appliances	Leakage current and electric strength at operating temperature	Cl. 13 of IS 302-2-23:2009 Cl. 13 of IEC 60335-2-23: 2016+A1
1260.	Hair clipper and similar appliances	Transient over voltage	Cl. 14 of IS 302-2-23:2009 Cl. 14 of IEC 60335-2-23: 2016+A1

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	<b>Safety Testing Facility</b>		
1261.	Hair clipper and similar appliances	Moisture resistance	Cl. 15 of IS 302-2-23:2009 Cl. 15 of IEC 60335-2-23: 2016+A1
1262.	Hair clipper and similar appliances	Leakage current and electric strength	Cl. 16 of IS 302-2-23:2009 Cl. 16 of IEC 60335-2-23: 2016+A1
1263.	Hair clipper and similar appliances	Overload protection/ overload protection of transformer and associated circuits	Cl. 17 of IS 302-2-23:2009 Cl. 17 of IEC 60335-2-23: 2016+A1
1264.	Hair clipper and similar appliances	Endurance	Cl. 18 of IS 302-2-23:2009, Cl. 18 of IEC 60335-2-23: 2016+A1
1265.	Hair clipper and similar appliances	Abnormal operation	Cl. 19 of IS 302-2-23:2009 Cl. 19 of IEC 60335-2-23: 2016+A1
1266.	Hair clipper and similar appliances	Abnormal operation (electrostatic discharge immunity test)	Cl.19.11.4.1 IS 302-2-23:2009, Cl. 19.11.4.1 of IEC 60335-2-23: 2016+A1, IEC 61000-4-2: 2008, IS 14700 (Part 4/Sec 2:2018)
1267.	Hair clipper and similar appliances	Abnormal operation (radiated, radio-frequency, electromagnetic field immunity test)	Cl.19.11.4.2 IS 302-2-23:2009, Cl. 19.11.4.2 of IEC 60335-2-23: 2016+A1, IEC 61000-4-3: 2008, IS 14700 (Part 4/Sec 3:2023)
1268.	Hair clipper and similar appliances	Abnormal operation (electrical fast transient/burst immunity test)	Cl.19.11.4.3 IS 302-2-23:2009, Cl. 19.11.4.3 of IEC 60335-2-23: 2016+A1; IEC 61000-4-4: 2012, IS 14700 (Part 4/Sec 4)

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
Safety Testing Facility			
1269.	Hair clipper and similar appliances	Abnormal operation (surge immunity test)	Cl.19.11.4.4 IS 302-2-23:2009, Cl. 19.11.4.4 of IEC 60335-2-23: 2016+A1; IEC 61000-4-5: 2014, IS 14700 (Part 4/Sec 5)
1270.	Hair clipper and similar appliances	Abnormal operation (immunity to conducted disturbances, induced by radio-frequency fields)	Cl.19.11.4.5 IS 302-2-23:2009, Cl. 19.11.4.5 of IEC 60335-2-23: 2016+A1; IEC 61000-4-6: 2023
1271.	Hair clipper and similar appliances	Abnormal operation (voltage dips, short interruptions and voltage variations immunity tests for equipment with input current up to 16 a per phase)	Cl.19.11.4.6 IS 302-2-23:2009, Cl. 19.11.4.6 of IEC 60335-2-23: 2016+A1; IEC 61000-4-11: 2020, IS 14700 (Part 4/Sec 11)
1272.	Hair clipper and similar appliances	Abnormal operation (voltage dips, short interruptions and voltage variations immunity tests for equipment with mains current more than 16 a per phase)	Cl. 19.11.4.6 of IEC 60335-2-23: 2016+A1 IEC 61000-4-34: 2005
1273.	Hair clipper and similar appliances	Abnormal operation (harmonics and interharmonics including mains signaling at A.C. Power port, low frequency immunity tests)	Cl.19.11.4.7 IS 302-2-23:2009, Cl. 19.11.4.7 of IEC 60335-2-23: 2016+A1; IEC 61000-4-13: 2002

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# Quality And Accreditation Institute

## Centre for International Accreditation

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**Scope of Accreditation**  
**Classic Testing & Research Centre**  
B-17, Sector-65,  
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QAI/CIA/TL/2024/0047

Valid from: 08 March 2024  
\*Scope Amended w.e.f.: 04 September 2025  
Valid until: 07 March 2026

Accreditation Standard: ISO/IEC 17025:2017

Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Safety Testing Facility		
1274.	Hair clipper and similar appliances	Stability and mechanical hazards	Cl. 20 of IS 302-2-23:2009, Cl. 20 of IEC 60335-2-23: 2016+A1
1275.	Hair clipper and similar appliances	Mechanical strength	Cl. 21 of IS 302-2-23:2009, Cl. 21 of IEC 60335-2-23: 2016+A1
1276.	Hair clipper and similar appliances	Construction	Cl. 22 of IS 302-2-23:2009, Cl. 22 of IEC 60335-2-23: 2016+A1
1277.	Hair clipper and similar appliances	Construction	Cl. 22.32 of IS 302-2-23:2009, Cl. 22.32 of IEC 60335-2-23: 2016+A1
1278.	Hair clipper and similar appliances	Internal wiring	Cl. 23 of IS 302-2-23:2009, Cl. 23 of IEC 60335-2-23: 2016+A1
1279.	Hair clipper and similar appliances	Components	Cl. 24 of IS 302-2-23:2009 Cl. 24 of IEC 60335-2-23: 2016+A1
1280.	Hair clipper and similar appliances	Supply connection and external flexible cords	Cl. 25 of IS 302-2-23:2009 Cl. 25 of IEC 60335-2-23: 2016+A1
1281.	Hair clipper and similar appliances	Terminals for external conductors	Cl. 26 of IS 302-2-23:2009 Cl. 26 of IEC 60335-2-23: 2016+A1
1282.	Hair clipper and similar appliances	Provision for earthing	Cl. 27 of IS 302-2-23:2009 Cl. 27 of IEC 60335-2-23: 2016+A1
1283.	Hair clipper and similar appliances	Screws and connections	Cl. 28 of IS 302-2-23:2009 Cl. 28 of IEC 60335-2-23: 2016+A1
1284.	Hair clipper and similar appliances	Creepage distance & clearances / clearances, creepage distances and solid insulations	Cl. 29 of IS 302-2-23:2009 Cl. 29 of IEC 60335-2-23: 2016+A1
1285.	Hair clipper and similar	Resistance to heat and fire	Cl. 30 of IS 302-2-23:2009

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Accreditation Standard: ISO/IEC 17025:2017

Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	<b>Safety Testing Facility</b>		
	appliances		Cl. 30 of IEC 60335-2-23: 2016+A1
1286.	Hair clipper and similar appliances	Resistance to rusting	Cl. 31 of IS 302-2-23:2009 Cl. 31 of IEC 60335-2-23: 2016+A1
1287.	Hair clipper and similar appliances	Radiation, toxicity and similar hazards	Cl. 32 of IS 302-2-23:2009; Cl. 32 of IEC 60335-2-23: 2016+A1
1288.	Spin extractors	Marking/markings and instructions	Cl.7, IEC 60335-2-4: 2023
1289.	Spin extractors	Protection against electric shock/ protection against access to live parts	Cl.8, IEC 60335-2-4: 2023
1290.	Spin extractors	Input and current (current)	Cl.10, IEC 60335-2-4: 2023
1291.	Spin extractors	Temperature rise / heating	Cl.11, IEC 60335-2-4: 2023
1292.	Spin extractors	Leakage current and electric strength at operating temperature	Cl.13, IEC 60335-2-4: 2023
1293.	Spin extractors	Transient over voltages	Cl.14, IEC 60335-2-4: 2023
1294.	Spin extractors	Moisture resistance	Cl.15, IEC 60335-2-4: 2023
1295.	Spin extractors	Leakage current and electric strength after humidity	Cl.16, IEC 60335-2-4: 2023
1296.	Spin extractors	Over load protection	Cl.17, IEC 60335-2-4: 2023
1297.	Spin extractors	Endurance	Cl.18, IEC 60335-2-4: 2023
1298.	Spin extractors	Abnormal operation	Cl.19, IEC 60335-2-4: 2023

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*Accreditation Standard: ISO/IEC 17025:2017*

Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Safety Testing Facility		
1299.	Spin extractors	Stability and mechanical hazards	Cl.20, IEC 60335-2-4: 2023
1300.	Spin extractors	Mechanical strength	Cl.21, IEC 60335-2-4: 2023
1301.	Spin extractors	Construction	Cl.22, IEC 60335-2-4: 2023
1302.	Spin extractors	Internal wiring	Cl.23, IEC 60335-2-4: 2023
1303.	Spin extractors	Components	Cl.24, IEC 60335-2-4: 2023
1304.	Spin extractors	Supply connection and external flexible cords	Cl.25, IEC 60335-2-4: 2023
1305.	Spin extractors	Terminal for external conductor	Cl.26, IEC 60335-2-4: 2023
1306.	Spin extractors	Provision for earthing	Cl.27, IEC 60335-2-4: 2023
1307.	Spin extractors	Screws and connections	Cl.28, IEC 60335-2-4: 2023
1308.	Spin extractors	Creepage distances and clearances	Cl.29, IEC 60335-2-4: 2023
1309.	Spin extractors	Resistance to heat & fire	Cl.30, IEC 60335-2-4: 2023
1310.	Spin extractors	Resistance to rusting	Cl.31, IEC 60335-2-4: 2023
1311.	Spin extractors	Radiation, toxicity and similar hazards	Cl.32, IEC 60335-2-4: 2023
1312.	Safety of household and similar electrical appliances pt-1: general requirements, electric coffee makers,	General requirement	Cl. 4 of IS 302-1:2008+A1+A2+A3+A4/IS 302-2, IEC 60335-2, IEC 60335-1: 2020, IS 302- 2-202: 1992, IS 302-2-13: 1994, IS 302-2-23:2009, IS 302-

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	<b>Safety Testing Facility</b>		
	electrical shavers, hair clipper and similar appliances, mains operated electric hair dryers, frying pans, deep fat fryers and similar appliances,		2-206:1994, IS 302-2-8:1994, IS 302-2-32:1994, IS 302-2-7:2024
1313.	electrical shavers, hair clipper and similar appliances, electric stoves, massage appliances, domestic electric clothes washing machine	General condition for the test	Cl. 5 of IS 302-1:2008+A1+A2+A3+A4/IS 302-2, IEC 60335-2, IEC 60335-1: 2020, IS 302- 2-202: 1992, IS 302-2-13: 1994, IS 302-2-23:2009, IS 302-2-206:1994, IS 302-2-8:1994, IS 302-2-32:1994, IS 302-2-7:2024
1314.		Classification	Cl. 6 of IS 302-1:2008+A1+A2+A3+A4/IS 302-2, IEC 60335-2, IEC 60335-1: 2020, IS 302-2-202: 1992, IS 302-2-13: 1994, IS 302-2-23:2009, IS 302-2-206: 1994, IS 302-2-8:1994, IS 302-2-32:1994, IS 302-2-7:2024
1315.		Marking and instruction	Cl. 7 of IS 302-1:2008+A1+A2+A3+A4/IS 302-2, IEC 60335-2, IEC 60335-1: 2020, IS 302-2-202: 1992, IS 302-2-13: 1994, IS 302-2-23:2009, IS 302-2-206:1994, IS 302-2-8:1994, IS 302-2-32:1994, IS 302-2-7:2024
1316.		Protection against electric shock	Cl. 8 of IS 302-1:2008+A1+A2+A3+A4/IS 302-2, IEC 60335-2, IEC 60335-1: 2020, IS 302- 2-202:1992, IS 302-2-13: 1994, IS 302-2-23:2009, IS 302-

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Accreditation Standard: ISO/IEC 17025:2017

Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Safety Testing Facility		
			2-206: 1994, IS 302-2-8:1994, IS 302-2-32:1994, IS 302-2-7:2024
1317.		Starting for motor operated appliances	Cl. 9 of IS 302-1:2008+A1+A2+A3+A4/IS 302-2, IEC 60335-2, IEC 60335-1: 2020, IS 302-2-202: 1992, IS 302-2-13: 1994, IS 302-2-23:2009, IS 302-2-206:1994, IS 302-2-8:1994, IS 302-2-32:1994, IS 302-2-7:2024
1318.		Power input and current	Cl. 10 of IS 302-1:2008+A1 +A2+ A3+ A4/IS 302-2, IEC 60335-2, IEC 60335-1: 2020, IS 302- 2-202: 1992, IS 302-2-13: 1994, IS 302-2-23:2009, IS 302-2-206:1994, IS 302-2-8:1994, IS 302-2-32:1994, IS 302-2-7:2024
1319.		Heating/ temperature rise test	Cl.11 of IS 302-1:2008+A1+A2+ A3+ A4/IS 302-2, IEC 60335-2, IEC 60335-1: 2020, IS 302- 2-202: 1992, IS 302-2-13: 1994, IS 302-2-23:2009, IS 302-2-206:1994, IS 302-2-8:1994, IS 302-2-32:1994, IS 302-2-7:2024
1320.		Leakage current and electric strength at operating temperature	Cl.13 of IS 302-1:2008+A1+A2+ A3+A4/IS 302-2, IEC 60335-2, IEC 60335-1: 2020, IS 302-2-202: 1992, IS 302-2-13: 1994, IS 302-2-23:2009,

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Accreditation Standard: ISO/IEC 17025:2017

Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Safety Testing Facility		
1321.		Transient over voltage	IS 302-2-206:1994, IS 302-2-8:1994, IS 302-2-32:1994, IS 302-2-7:2024
1322.		Moisture resistance	Cl.14 of IS 302-1:2008+A1+A2+ A3+A4/IS 302-2, IEC 60335-2, IEC 60335-1: 2020, IS 302-2-202: 1992, IS 302-2-13: 1994, IS 302-2-23:2009, IS 302-2-206:1994, IS 302-2-8:1994, IS 302-2-32:1994, IS 302-2-7:2024
1323.		Leakage current and electric strength	Cl.15 of IS 302-1:2008+A1+A2 +A3+A4/IS 302-2, IEC 60335-2, IEC 60335-1: 2020, IS 302-2-202:1992, IS 302-2-13: 1994, IS 302-2-23:2009, IS 302-2-206: 1994, IS 302-2-8:1994, IS 302-2-32:1994, IS 302-2-7:2024
1324.		Overload protection/ overload protection of transformer and associated circuits	Cl.16 of IS 302-1:2008+A1+A2+ A3+ A4/IS 302-2, IEC 60335-2, IEC 60335-1: 2020, IS 302-2-202:1992, IS 302-2-13: 1994, IS 302-2-23:2009, IS 302-2-206: 1994, IS 302-2-8:1994, IS 302-2-32:1994, IS 302-2-7:2024

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Accreditation Standard: ISO/IEC 17025:2017

Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Safety Testing Facility		
1325.		Endurance	2-206:1994, IS 302-2-8:1994, IS 302-2-32:1994, IS 302-2-7:2024 Cl.18 of IS 302-1:2008+A1+A2+A3+A4/IS 302-2, IEC 60335-2, IEC 60335-1: 2020, IS 302-2-202:1992, IS 302-2-13: 1994, IS 302-2-23:2009, IS 302-2-206:1994, IS 302-2-8:1994, IS 302-2-32:1994, IS 302-2-7:2024
1326.		Abnormal operation	Cl.19 of IS 302-1:2008+A1+A2+A3+A4/IS 302-2, IEC 60335-2, IEC 60335-1: 2020, IS 302-2-202:1992, IS 302-2-13: 1994, IS 302-2-23:2009, IS 302-2-206:1994, IS 302-2-8:1994, IS 302-2-32:1994, IS 302-2-7:2024
1327.		Abnormal operation (electrostatic discharge immunity test)	Cl.19.11.4.1 IS 302-1:2008+A1+A2+A3+A4/IS 302-2, IEC 60335-2, IEC 60335-1: 2020, IS 302-2-202 :1992, IS 302-2-13: 1994, IS 302-2-23:2009, IS 302-2-206:1994, IS 302-2-8:1994, IS 302-2-32:1994, IS 302-2-7: 2024, IEC 61000-4-2: 2008, IS 14700 (Part 4/Sec 2:2018)
1328.		Abnormal operation (radiated, radio-frequency, electromagnetic field immunity test)	Cl.19.11.4.2 of IS 302-1:2008+A1+A2+ A3+A4/IS 302- 2, IEC 60335-2, IEC 60335-1: 2020, IS 302-2-13:

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Accreditation Standard: ISO/IEC 17025:2017

Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Safety Testing Facility		
			1994, IS 302-2-23:2009, IS 302-2-206:1994, IS 302-2-8:1994, IS 302-2-7: 2024, IEC 61000-4-3: 2008, IS 14700 (Part 4/Sec 3:2023)
1329.		Abnormal operation (electrical fast transient/burst immunity test)	Cl.19.11.4.3 of IS 302-1:2008+A1+A2+A3+A4/IS 302- 2, IEC 60335-2, IEC 60335-1: 2020, IS 302-2-202 :1992, IS 302-2-13: 1994, IS 302-2-23:2009, IS 302-2- 206:1994, IS 302-2-8:1994, IS 302-2- 32:1994, IS 302-2-7: 2024, IEC 61000-4-4: 2012, IS 14700 (Part 4/Sec 4)
1330.		Abnormal operation (surge immunity test)	Cl.19.11.4.4 of IS 302-1:2008+A1+A2+A3+A4/IS 302- 2, IEC 60335-2, IEC 60335-1: 2020, IS 302-2-202:1992, IS 302-2-13: 1994, IS 302-2-23:2009, IS 302-2- 206:1994, IS 302-2-8:1994, IS 302-2- 32:1994, IS 302-2-7: 2024 IEC 61000-4-5: 2014, IS 14700 (Part 4/Sec 5)
1331.		Abnormal operation (immunity to conducted disturbances, induced by radio-frequency fields)	Cl.19.11.4.5 of IS 302-1:2008+A1+A2+A3+A4/IS 302- 2, IEC 60335-2, IEC 60335-1: 2020, IS 302-2-202:1992, IS 302-2-13: 1994, IS 302-2-23:2009, IS 302-2- 206:1994, IS

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Safety Testing Facility		
			302-2-8:1994, IS 302-2- 32:1994, IS 302-2-7: 2024 IEC 61000- 4-6: 2023
1332.		Abnormal operation (voltage dips, short interruptions and voltage variations immunity tests for equipment with input current up to 16 a per phase)	Cl.19.11.4.6 of IS 302-1:2008+A1+ A2+A3+A4/IS 302- 2, IEC 60335-2, IEC 60335-1: 2020, IS 302-2- 202:1992, IS 302-2-13: 1994, IS 302- 2-23:2009, IS 302-2-206:1994, IS 302-2-8:1994, IS 302-2-32:1994, IS 302-2-7: 2024, IEC 61000-4-11: 2020, IS 14700 (Part 4/Sec 11)
1333.		Abnormal operation (voltage dips, short interruptions and voltage variations immunity tests for equipment with mains current more than 16 a per phase)	Cl.19.11.4.6 of IEC IEC 60335-1: 2020, IEC 60335-2; IEC 61000-4-34: 2005
1334.		Abnormal operation (harmonics and interharmonics including mains signaling at A.C. Power port, low frequency immunity tests)	Cl.19.11.4.7 of IS 302-1:2008/IS 302- 2, IEC 60335-2, IEC 60335-1: 2020, IS 302-2-13: 1994, IS 302-2-23:2009, IS 302-2-206:1994, IS 302-2-8:1994, IS 302-2-32:1994, IS 302-2-7: 2024, IEC 61000-4-13: 2002
1335.		Abnormal operation	Cl.19.13 of IS 302-1:2008+A1+ A2+A3+A4/IS 302-2, IEC 60335-2, IEC 60335-1: 2020, IS 302-2-13: 1994, IS

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Safety Testing Facility		
			302-2-23:2009, IS 302-2-206:1994, IS 302-2-8:1994, IS 302-2-32:1994, IS 302-2-7: 2024
1336.		Stability and mechanical hazards	Cl. 20 of IS 302-1:2008+A1+ A2+ A3+A4/IS 302-2, IEC 60335-2, IEC 60335-1: 2020, IS 302- 2-202:1992, IS 302-2-13: 1994, IS 302-2-23:2009, IS 302-2-206:1994, IS 302-2-8:1994, IS 302-2-32:1994, IS 302-2-7: 2024
1337.		Mechanical strength	Cl. 21 of IS 302-1:2008+A1+ A2+A3+A4/IS 302-2, IEC 60335-2, IEC 60335-1: 2020, IS 302- 2-202:1992, IS 302-2-13: 1994, IS 302-2-23:2009, IS 302-2-206:1994, IS 302-2-8:1994, IS 302-2-32:1994, IS 302-2-7: 2024
1338.		Construction	Cl.22 of IS 302-1:2008+A1+ A2+A3+A4/IS 302-2, IEC 60335-2, IEC 60335-1: 2020, IS 302- 2-202:1992, IS 302-2-13: 1994, IS 302-2-23:2009, IS 302-2-206:1994, IS 302-2-8:1994, IS 302-2-32:1994, IS 302-2-7: 2024
1339.		Internal wiring	Cl.23 of IS 302-1:2008+A1+A2 +A3+A4/IS 302-2, IEC 60335-2, IEC

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Safety Testing Facility		
1340.		Components	60335-1: 2020, IS 302- 2-202:1992, IS 302-2-13: 1994, IS 302-2-23:2009, IS 302-2-206:1994, IS 302-2-8:1994, IS 302-2-32:1994, IS 302-2-7: 2024
1341.		Supply connection and external flexible cords	Cl.24 of IS 302-1:2008+A1+A2 +A3+A4/IS 302-2, IEC 60335-2, IEC 60335-1: 2020, IS 302- 2-202:1992, IS 302-2-13: 1994, IS 302-2-23:2009, IS 302-2-206:1994, IS 302-2-8:1994, IS 302-2-32:1994, IS 302-2-7: 2024
1342.		Terminals for external conductors	Cl.25 of IS 302-1:2008+A1+A2+ A3+A4/IS 302-2, IEC 60335-2, IEC 60335-1: 2020, IS 302- 2-202:1992, IS 302-2-13: 1994, IS 302-2-23:2009, IS 302-2-206:1994, IS 302-2-8:1994, IS 302-2-32:1994, IS 302-2-7: 2024

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Accreditation Standard: ISO/IEC 17025:2017

Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Safety Testing Facility		
1343.		Provision for earthing	Cl.27 of IS 302-1:2008+A1+A2+A3+A4/IS 302-2, IEC 60335-2, IEC 60335-1: 2020, IS 302- 2-202:1992, IS 302-2-13: 1994, IS 302-2-23:2009, IS 302-2-206:1994, IS 302-2-8:1994, IS 302-2-32:1994, IS 302-2-7: 2024
1344.		Screws and connections	Cl.28 of IS 302-1:2008+A1+A2+A3+A4/IS 302-2, IEC 60335-2, IEC 60335-1: 2020, IS 302- 2-202:1992, IS 302-2-13: 1994, IS 302-2-23:2009, IS 302-2-206:1994, IS 302-2-8:1994, IS 302-2-32:1994, IS 302-2-7: 2024
1345.		Creepage distance & clearances / clearances, creepage distances and solid insulations	Cl.29 of IS 302-1:2008+A1+A2+A3+A4/IS 302-2, IEC 60335-2, IEC 60335-1: 2020, IS 302- 2-202:1992, IS 302-2-13: 1994, IS 302-2-23:2009, IS 302-2-206:1994, IS 302-2-8:1994, IS 302-2-32:1994, IS 302-2-7: 2024
1346.		Resistance to heat and fire	Cl. 30 of IS 302-1:2008+A1+A2+A3+A4/IS 302-2, IEC 60335-2, IEC 60335-1: 2020, IS 302- 2-202:1992, IS 302-2-13: 1994, IS 302-2-23:2009, IS 302-2-206:1994, IS 302-2-8:1994, IS 302-2-7: 2024

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QAI/CIA/TL/2024/0047

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Accreditation Standard: ISO/IEC 17025:2017

Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Safety Testing Facility		
1347.		Resistance to rusting	Cl.31 of IS 302-1:2008+A1+A2 +A3+A4/IS 302-2, IEC 60335-2, IEC 60335-1: 2020, IS 302- 2-202:1992, IS 302-2-13: 1994, IS 302-2-23:2009, IS 302-2-206:1994, IS 302-2-8:1994, IS 302-2-7: 2024
1348.		Radiation, toxicity and similar hazards	Cl.32 of IS 302-1:2008+A1+A2 +A3+A4/IS 302-2, IEC 60335-2, IEC 60335-1: 2020, IS 302- 2-202:1992, IS 302-2-13: 1994, IS 302-2-23:2009, IS 302-2-206:1994, IS 302-2-8:1994, IS 302-2-7: 2024

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Environmental Test Facility		
1.	Electrical and electronic items	Bump test	IS 9000 (Part 7/Sec I), EC/EN 50155:2017 IEC 0571:2012 IEC 60068-2-7, Test No.5 of J SS55555, QM-333 Test no.13: 2010
2.		Application of cold test	IS 9000 (Part 2/Sec I to IV):1977 (RA:2019), IEC 60068-2-1:2007, IEC/EN 50155:2017, EN 60068-2-1, JSS55555:2012, JSS55555:2020, IEC 60571:1998 +A1:2006, QM 333:2010, J ASOD001, MIL 810H, IEC 60571: 2012
3.		Low temperature (cold) cycle	QM-333 Test no.1:2010
4.		Damp Heat Cyclic	MIL810H, IEC60068-2-30:2005, EN60068-2-30 :2005, IS 9000: Part 5: Sec 1 and 2:1981 (R2010), QM333 (TestNo3) JSS55555:2012, JASOD001, IEC 60571: 2012
5.		Change of temperature (Temperature cycling) with specified rate of change-one chamber method)	IS 9000 (Part 14/Sec 2):1988 (RA: 2021), IEC/EN 50155:2017, IEC 60068-2-14: 2009
6.		Damp heat (steady state) test and humidity Test	QM-333 Test no.5:2010

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Environmental Test Facility		
7.		Damp heat (steady state) test and humidity Test	IS 9000-4:2020, JSS55555: 2012, JSS55555:2020, EN 60068-2-78 (2013), QM333 (Test No 5), MIL 810H, IEC 60068-2-78:2012
8.		Rapid change of temperature (thermal shock) with prescribed time of transition-two chamber method	IS 9000 (Part 14/Sec 1), IEC 60068-2-14:2009
9.		Temperature Cyclic / Change of tempna, two chamber method	ISO 16750-4, JASOD 001, MIL 810H, IS 9000 (Part 14/Sec 2), IEC 60068-2-14: 2009
10.		Tropical exposure (Damp heat cyclic)	MIL810H, IEC 60068-2-30:2005, EN 60068-2-30 :2005, IS 9000: part 5: Sec 1 and 2:1981 (R2010), QM333 (Test No 3), JSS55555:2012, JASOD001, IEC 60571: 2012
11.		Drop and topple	IS: 9000 (Part7: Sec 3),JSS55555: 2012, JSS55555: 2020
12.		Free fall	IS 9000 (Part7: Sec 4): 1979, RA:2019
13.		Free Fall, Repeated (tumbling barrel)	IS 9000 (Part7:Sec5): 1979, RA:2019

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Accreditation Standard: ISO/IEC 17025:2017

Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Environmental Test Facility		
14.		High Temperature Test (Dry heat)	IEC 60571:1998+A1:2006, MIL 810 H, IEC 60068-2-2 (2007) EN60068-2-2 (2007) IS 9000: Part3: Sec 1 to5:1977 (R:2010), QM333 (Test No 2) JSS55555:2012, JASO D 001, IEC 60571:2012
15.		Dry heat test	IEC 60068-2-2:2007 JSS 55555: 2000, IEC 60571:1998 +A1:2006, IEC/EN50155:2017, MIL 810H, EN 60068-2-292007), JASOD001, IS 9000 3:1977 Reaffirmed Year: 2016
16.	Luminaries, enclosure of control panel & enclosure of electrical products, enclosure of electronic product & electronic & electrical equipment	Dust	IS 9000-12, IEC 60529, JSS:50101; Test Number 14 JSS:55555: 2012
17.		Glow wire test	IEC 60695-2-10:2021, IS 11000-2-1:2018
18.		Total harmonic distortion	IEC 61000-3-2:2018
19.	Electrical and electronic items	Impact test	IS 9000(Part7/Sec7), IEC 60068-2-75:2014
20.	Enclosures for electrical equipment	Marking	Cl.4.4 of IEC 62262, IEC 60068-2-75:2014
21.	Enclosures for electrical equipment	Test for IK Code 01	Cl. (4.2 & 6.0), IEC 62262, IEC 60068-2-75:2014

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Environmental Test Facility		
22.		Test for IK Code 02	Cl. (4.2 & 6.0), IEC/EN 62262, IEC 60068-2-75: 2014
23.		Test for IK Code 03	Cl. (4.2 & 6.0), IEC 62262, IEC 60068-2-75:2014
24.		Test for IK Code 04	Cl. (4.2 & 6.0), IEC 62262, IEC 60068-2-75:2014
25.		Test for IK Code 05	Cl. (4.2 & 6.0), IEC 62262, IEC 60068-2-75:2014
26.		Test for IK Code 06	Cl. (4.2 & 6.0), IEC 62262, IEC 60068-2-75:2014
27.		Test for IK Code 07	Cl. (4.2 & 6.0), IEC 62262, IEC 60068-2-75:2014
28.		Test for IK Code 08	Cl. (4.2 & 6.0), IEC 62262, IEC 60068-2-75:2014
29.		Test for IK Code 09	Cl. (4.2 & 6.0), IEC 62262, IEC 60068-2-75:2014
30.		Test for IK Code 10	Cl. (4.2 & 6.0), IEC 62262, IEC 60068-2-75:2014
31.	Electrical & electronic items	IP 1X, 2X, 3X,4X, 5X, 6X and IPX1, X2, X3, X4, X5, X6, X7, X8 Ingress of Protection (Degrees)	IS /IEC 60529: 2001 (RA:2019), IEC/EN 50155:2017, IS/IEC 60947-1: 2020, IEC 60947-3:2020, ISO 20653: 2013
32.		Corrosion Test	QM333:2010
33.		Drip proof test	IS 9000: Part 23, MIL810G, JSS 55555: 2012

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Environmental Test Facility		
34.		Sand & Dust Test	IS9000: Part 12, QM333, MIL810H, JASOD001, IEC60068-2-60, JASO D 001, JSS55555::2012
35.		Immersion	MILSTD810:2019
36.		Low Temperature	MILSTD810:2019
37.		Rain	MILSTD810:2019
38.		Sand & Dust	MILSTD8102019: 2019
39.		Artificial rain	Cl.5.3 of IEC60068-2-18: 2017
40.		Drip box	Cl.5.3 of IEC60068-2-18: 2017
41.		Driving rain	JSS55555:2012, JSS55555: 2020
42.		Dust test	JSS55555:2012, JSS55555: 2020
43.		Falling drops	Cl.5.1of IEC 60068-2-18: 2017
44.		Fan jet	Cl.6.4of IEC 60068-2-18: 2017
45.		High temperature	MILSTD810:2019
46.		Humidity	MILSTD810:2019
47.		Immersion	Cl.7.0 of IEC 60068-2-18: 2017
48.		Immersion test	JSS55555:2012, JSS55555: 2020
49.		Impacting water	Cl.6.0 of IEC 60068-2-18: 2017
50.		Low pressure	MILSTD810:2019

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Environmental Test Facility		
51.		Oscillating tube and spray nozzle	Cl.6.2 of IEC 60068-2-18: 2017
52.		Pressurized water chamber	Cl.7.3 of IEC 60068-2-18: 2017
53.		Shock	MILSTD810:2019
54.		Shock Test	IS 9000 (Part 7/Sec I):2018 IEC 60068-2-27:2008, Test No.24 of JSS 55555: 2012, JSS55555:2020 IEC 61373::2010, JASOD 001, JISD1601, MIL810 H, IEC 60571:2012
55.		Temperature Shock	MILSTD810:2019
56.		Topping test	JSS55555:2012
57.		Tropical Exposure	JSS55555:2012, JSS55555: 2020
58.		Vibration	MILSTD810, IEC/EN 50155: 2019, 2017
59.		Waterjet	Cl.6.3 of IEC 60068-2-18: 2017
60.		Water tank	Cl.7.2 of IEC60068-2-18: 2017
61.		Rapid Temperature Cycle	QM-333 Test no.4:2010
62.	Luminaries, enclosure of control panel & enclosure of electrical products, enclosure	Needle flame test	IEC 60695-11-5:2016

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	<b>Environmental Test Facility</b>		
63.	of electronic product & electronic & electrical equipment	Needle flame test	IS 11000-2-2:2008
64.	Products & enclosure of electrical and electronic products electronic & electrical equipment	Fire hazard testing (Flammability Test)	UL 94, IEC 60695-11-4, IS/IEC 60695-11-10: 2013
65.	Electrical and electronic items	Vibration	IS 9000 (Part8):1981, IEC 60068-2-6 JSS55555: 2012, JSS55555:2020 JSS 50101:1984, Cl.8 of IEC 60068-2-64: 2008, IEC 61373:2010, IEC/EN 50115:2017:2010
66.	Electrical and electronic items	Vibration	IS 9000 (Part8) IEC 60068-2-6, JSS55555, JSS50101, Cl.8 of IEC 60068-2-64, IEC 61373:2010
67.	Electrical and electronic items	Vibration	QM-333 Test no.6:2010

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Electrical Testing				
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method	
<b>Cells &amp; Batteries</b>				
1.	Secondary cells and batteries for solar photo voltaic applications	Charge retention test	Cl.8.3, IS16270:2014	
2.		Conditions of use	Cl.4.0, IS 16270:2014	
3.		Cycle endurance in photovoltaic application (extreme condition) (extreme condition)	Cl.8.4, IS 16270:2014	
4.		Deep Discharge Test	Cl.5.3 of IS 16270:2014	
5.		Endurance Test	Cl.8.2 of IS 16270:2014	
6.		General requirements	Cl.5.0 of IS 16270:2014	
7.		Marking	Cl.5.4 of IS 16270:2014	
8.		Non-spillability/ semi non spillability /splash proof Test	Cl.8.7 of IS 16270:2014	
9.		Rated capacity test	Cl.8.1 of IS 16270:2014	
10.		Sulphation test	Cl.8.5 of IS 16270:2014	
11.		Water consumption of flooded battery types and cells with partial gas recombination	Cl. 8.4.5, IS 16270: 2014	
12.		Water loss on float charge	Cl.8.6 of IS 16270:2014	
13.		Stationary cells and batteries, lead-acid type (with tubular positive plates)	Loss of capacity on storage	Cl.12.7 of IS 1651:2013
14.			Alternative rates of test discharges	Cl.12.6 of IS 1651:2013
15.			Ampere-hour and watt-hour efficiency	Cl.12.9 of IS 1651:2013

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Electrical Testing				
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method	
<b>Cells &amp; Batteries</b>				
16.		Endurance test	Cl.12.8 of IS 1651:2013	
17.		Test for capacity	Cl.12.5 of IS 1651:2013	
18.		Test of suitability of floating battery operation	Cl.12.12 of IS 1651:2013	
19.		Verification of constructional requirements	Cl.12.2 of IS 1651:2013	
20.		Verification of dimensions	Cl.12.4 of IS 1651:2013	
21.		Verification of marking	Cl.12.3 of IS 1651:2013	
22.		Voltage during discharge	Cl.12.10 of IS 1651:2013	
23.		Water loss test	Cl.12.11 of IS 1651:2013	
24.		Secondary Lithium-Ion Cells for the Propulsion of Electric Road Vehicles Part 2 Reliability and Abuse Testing	General charge conditions	Cl. 5.1 of IEC 62660-2:2018
25.			Measuring instruments	Cl. 4.3 of IEC 62660-2:2018
26.	Secondary Lithium-Ion cells for the propulsion of electric road vehicles Part 1 performance	Dimension measurement	Cl. 5 of IEC 62660-2:2018	
27.		Electrical measurement	Cl. 7 of IEC 62660-2:2018	
28.		Electrical measurement	Cl. 7 of IS 16893(Part1):2018	
29.		Energy efficiency test	Cl. 7.8 of IEC 62660-1:2018	
30.		Mass measurement	Cl. 6 of IS 16893 (Part1)2018	
31.		Storage test	Cl. 7.6 of IEC 62660-1:2018	

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Electrical Testing				
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method	
	<b>Cells &amp; Batteries</b>			
32.	Secondary Lithium-Ion Cells for the Propulsion of Electric Road Vehicles Part 2 Reliability and Abuse Testing	Storage test	Cl. 7.6 of IS 16893 (Part1):2018	
33.		General charge conditions	Cl. 5.1 of IS 16893 (Part2) :2018	
34.		Capacity	Cl. 5.2 of IEC 62660-2:2018	
35.		Capacity	Cl. 5.2 of IS 16893 (Part2):2018	
36.		Forced discharge	Cl. 6.4.3 of IEC 62660-2:2018	
37.		General	Cl. 4.1 of IEC 62660-2:2018	
38.		General	IS 16893 (Part2):2018	
39.		Mechanical test	Cl. 6 of IS 16893 (Part2):2018	
40.		Reliability and abuse tests	Cl. 6 of IEC 62660-2:2018	
41.		Reliability and abuse tests	IS 16893(Part2):2018	
42.		SOC adjustment	Cl. 5.3 of IEC 62660-2:2018	
43.		SOC adjustment	IS 16893 (Part2): Clause 5.3:2018	
44.		Vibration	IS 16893 (Part2): Clause 6.1.1:2018	
45.		Safety of primary and secondary lithium cells and batteries during transport	T-1: Altitude Simulation	(TestT.1) (Cl.38.3.4.1), UN 38.3 Seventh Revised Edition:2019
46.			T-2: Thermal Test	(TestT.2) (Cl.38.3.4.2), UN 38.3 Seventh Revised Edition:2019
47.	T-3: Vibration		(TestT.3) (Cl.38.3.4.3), UN 38.3 Seventh Revised Edition:2019	



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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method	
	<b>Cells &amp; Batteries</b>			
48.		T-4: Shock	(Test T.4) (Cl.38.3.4.4), UN 38.3 Seventh Revised Edition:2019	
49.		T-5: External Short Circuit	(Test T.5) (Cl.38.3.4.5), UN 38.3 Seventh Revised Edition:2019	
50.		T-6: Impact/Crush	(Test T.6) (Cl.38.3.4.6), UN 38.3 Seventh Revised Edition:2019	
51.		T-7: Over charge	(Test T.7) (Cl.38.3.4.7), UN 38.3 Seventh Revised Edition :2019	
52.		T-8: Forced Discharge	(Test T.8) (Cl.38.3.4.8), UN 38.3 Seventh Revised Edition:2019	
53.		Secondary cells and batteries Containing Alkaline or other non-acid electrolytes-secondary lithium cells and batteries for portable applications	Battery internal resistance	Cl.7.7, IEC 61960 (Part 3): 2017
54.			Battery internal resistance	Cl.7.7, IS 16047 (Part 3): 2018
55.			Charge (capacity) retention and recovery	Cl.7.4, IEC 61960 (Part 3): 2017
56.	Charge (capacity) retention and recovery		Cl.7.4, IS 16047 (Part 3): 2018	
57.	Charge (capacity) recovery after long term storage		Cl.7.5, IS 16047 (Part 3): 2018	
58.	Charge (capacity) recovery after long term storage		Cl.7.5, IEC 61960 (Part 3): 2017	
59.	Charging procedure for Test purposes		Cl.7.2, IEC 61960 (Part 3): 2017	

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Electrical Testing				
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method	
<b>Cells &amp; Batteries</b>				
60.		Charging procedure for Test purposes	Cl.7.2, IS 16047 (Part 3): 2018	
61.		Discharge performance at -20°C	Cl.7.3.2, IS 16047 (Part 3): 2018	
62.		Discharge performance at 20°C	Cl.7.3.2, IEC 61960 (Part 3):2017	
63.		Discharge performance at 20°C (Rated capacity)	Cl.7.3.1, IEC 61960 (Part 3):2017	
64.		Discharge performance at 20°C (Rated capacity)	Cl.7.3.1, IS 16047 (Part 3): 2018	
65.		Endurance in cycles	Cl.7. 6, IEC 61960 (Part 3):2017	
66.		Endurance in cycles	Cl.7.6, IS 16047 (Part 3): 2018	
67.		High rated discharge performance at 20°C	Cl.7.3.3, IEC 61960 (Part 3):2017	
68.		High rated discharge performance at 20°C	Cl.7.3.3, IS 16047 (Part 3): 2018	
69.		Secondary cells and batteries containing alkaline or other non-acidic electrolytes-lithium system	Case stress at high ambient temperature (Battery)	Cl.7.2.2, IEC 62133-2:2017
70.			Case stress at high ambient temperature (Battery)	Cl.7.2.2, IS 16046 (Part-2): 2018
71.			Charging procedure (First and second procedure)	Cl.7.1.1,7.1.2, IEC 62133-2: 2017
72.			Charging procedure (First and second procedure)	Cl.7.1.1,7.1.2, IS 16046 (Part-2): 2018

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	<b>Cells &amp; Batteries</b>		
73.		Continuous charging at Constant Voltage (Cells)	Cl.7.2.1, IEC 62133-2:2017
74.		Continuous charging at Constant Voltage (Cells)	Cl.7.2.1, IS 16046 (Part-2): 2018
75.		Crush (Cell)	Cl.7.3.5, IEC 62133-2:2017
76.		Crush (Cell)	Cl.7.3.5, IS 16046 (Part-2): 2018
77.		External short circuit (Battery)	Cl.7.3.2, IEC 62133-2:2017
78.		External short circuit (Battery)	Cl.7.3.2, IS 16046 (Part-2): 2018
79.		External short circuit (Cell)	Cl.7.3.1, IEC 62133-2:2017
80.		External short circuit (Cell)	Cl.7.3.1, IS 16046 (Part-2):2018
81.		Forced discharge (Cells)	Cl.7.3.7, IEC 62133-2:2017
82.		Forced discharge (Cells)	Cl.7.3.7, IS 16046 (Part-2): 2018
83.		Free fall	Cl.7.3.3, IEC 62133-2:2017
84.		Free fall	Cl.7.3.3, IS 16046 (Part-2): 2018
85.		General safety considerations	Cl.5, IEC 62133-2:2017
86.		General safety considerations	Cl.5, IS 16046 (Part-2):2018
87.		Insulation and wiring	Cl.5.2, IEC 62133-2:2017

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	<b>Cells &amp; Batteries</b>		
88.		Insulation and wiring	Cl.5.2, IEC 62133-2:2017
89.		Insulation and wiring	Cl.5.2, IS 16046 (Part-2): 2018
90.		Insulation and wiring	Cl.5.2, IS 16046 (Part-2): 2018
91.		Marking	Cl.9, IEC 62133-2:2017
92.		Marking	Cl.9, IS 16046 (Part-2): 2018
93.		Measurement of internal AC resistance for coin cells	Cl.D2, Annex D, IEC 62133-2:2017
94.		Measurement of internal AC resistance for coin cells	Cl.D2, Annex D, IS 16046 (Part-2): 2018
95.		Mechanical Shock (Battery)	Cl.7.3.8.2, IEC 62133-2: 2017
96.		Mechanical Shock (Battery)	Cl.7.3.8.2, IS 16046 (Part-2):2018
97.		Overcharging of Battery	Cl.7.3.6, IEC 62133-2:2017
98.		Overcharging of battery	Cl.7.3.6, IS 16046(Part-2): 2018
99.		Small cell and battery safety information	Cl.8,8.2, IEC 62133-2:2017
100.		Small cell and battery safety information	Cl.8,8.2, IS 16046 (Part-2): 2018
101.		Thermal abuse (Cells)	Cl.7.3.4, IEC 62133-2:2017
102.		Thermal abuse (Cells)	Cl.7.3.4, IS 16046 (Part-2): 2018

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	<b>Cells &amp; Batteries</b>		
103.	Secondary cells and batteries containing alkaline or other non-acidic electrolytes-nickel system	Type test and sample size	Cl.6, IEC 62133-2:2017
104.		Type test and sample size	Cl.6, IS 16046 (Part-2):2018
105.		Vibration (Battery)	Cl.7.3.8.1, IEC 62133-2: 2017
106.		Vibration (Battery)	Cl.7.3.8.1, IS 16046 (Part- 2):2018
107.		Case Stress at high ambient temperature (Batteries)	Cl.7.2.3, IEC 62133-1:2017
108.		Case Stress at high ambient temperature (Batteries)	Cl.7.2.3, IS 16046 (Part-1): 2018
109.		Charging procedure	Cl.7.1, IEC 62133-1:2017
110.		Charging procedure	Cl.7.1, IS 16046 (Part-1): 2018
111.		Continuous Low-rate charging (Cells)	Cl.7.2.1, IEC 62133-1:2017
112.		Continuous low-rate charging (cells)	Cl.7.2.1, IS 16046 (Part-1): 2018
113.		Crushing of Cells	Cl.7.3.6, IEC 62133-1:2017
114.		Crushing of Cells	Cl.7.3.6, IS 16046 (Part-1): 2018
115.		External Short Circuit	Cl.7.3.2, IEC 62133-1:2017
116.		External Short Circuit	Cl.7.3.2, IS 16046 (Part-1): 2018
117.		Forced Discharge (Cells)	Cl.7.3.9, IEC 62133-1:2017

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	<b>Cells &amp; Batteries</b>		
118.		Forced Discharge (Cells)	Cl.7.3.9, IS 16046 (Part-1): 2018
119.		Free fall	Cl.7.3.3, IEC 62133-1:2017
120.		Free fall	Cl.7.3.3, IS 16046 (Part-1): 2018
121.		General safety considerations	Cl.5, IEC 62133-1:2017
122.		General safety considerations	Cl.5, IS 16046 (Part-1):2018
123.		Incorrect Installation (Cells)	Cl.7.3.1, IEC 62133-1:2017
124.		Incorrect Installation (Cells)	Cl.7.3.1, IS 16046 (Part-1): 2018
125.		Insulation and wiring	Cl.5.2, IEC 62133-1:2017
126.		Insulation and wiring	Cl.5.2, IS 16046 (Part-1): 2018
127.		Low Pressure	Cl.7.3.7, IEC 62133-1:2017
128.		Low Pressure	Cl.7.3.7, IS 16046 (Part-1): 2018
129.		Marking	Cl.9, IEC 62133-1:2017
130.		Marking	Cl.9, IS 16046 (Part-1):2018
131.		Mechanical shock (Crash hazard)	Cl.7.3.4, IEC 62133-1:2017
132.		Mechanical shock (Crash hazard)	Cl.7.3.4, IS 16046 (Part-1): 2018

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	<b>Cells &amp; Batteries</b>		
133.		Overcharge	Cl.7.3.8, IEC 62133-1:2017
134.		Overcharge	Cl.7.3.8, IEC 62133-1:2017
135.		Overcharge	Cl.7.3.8, IS 16046 (Part-1): 2018
136.		Overcharge	Cl.7.3.8, IS 16046 (Part-1): 2018
137.		Small cell and battery safety Information	Cl.8.2, IEC 62133-1:2017
138.		Small cell and battery safety Information	Cl.8.2, IS 16046 (Part-1): 2018
139.		Temperature cycling	Cl.7.2.4, IEC 62133-1:2017
140.		Temperature cycling	Cl.7.2.4, IS 16046 (Part-1): 2018
141.		Thermal abuse	Cl.7.3.5, IEC 62133-1:2017
142.		Thermal abuse	Cl.7.3.5, IS 16046 (Part-1): 2018
143.		Type test and sample size	Cl.6, IEC 62133-1:2017
144.		Type test and sample size	Cl.6, IS 16046 (Part-1): 2018
145.		Vibration	Cl.7.2.2, IEC 62133-1:2017
146.		Vibration	Cl.7.2.2, IS 16046 (Part-1): 2018
147.	Secondary Lithium Ion Cells	Capacity	IEC 62660-3:2022 Clause 5.2:2022

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	<b>Cells &amp; Batteries</b>		
148.	for the Propulsion of Electric Road Vehicles Part 3 Safety Requirements	Capacity	IS 16893 (Part 3) Clause 5.2:2018
149.		Crush	IEC 62660-3 Clause 6.2.2: 2022
150.		Crush	IS 16893 (Part 3) Clause 6.2.3:2018
151.		Electrical test	IEC 62660-3 Clause 6.4: 2022
152.		Electrical measurement	IEC 62660-3 Clause 5:2022
153.		Electrical measurement	IS 16893 (Part 3) Clause 5: 2018
154.		External short circuit	IEC 62660-3 Clause 6.4.1: 2022
155.		External short circuit	IS 16893 (Part 3) Clause 6.4.1:2018
156.		Forced discharge	IEC 62660-3 Clause 6.4.3: 22
157.		Forced discharge	IS 16893 (Part 3) Clause 6.4.3:2018
158.		General	IEC 62660-3 Clause 4.1: 2022
159.		General	IS 16893 (Part 3) Clause 4.1: 2018
160.		General charge conditions	IEC 62660-3 Clause 5.1: 2022
161.		General charge conditions	IS 16893 (Part 3) Clause 5.1: 2018
162.		High temperature endurance	IEC 62660-3 Clause 6.3.1: 2022
163.	Internal short circuit test	IEC 62660-3 Clause 6.4.4:2022	

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	<b>Cells &amp; Batteries</b>		
164.		Internal short circuit test	IS 16893 (Part 3) (Cl.6.4.4): 2018
165.		Measuring instruments	IEC 62660-3 Clause 4.2: 2022
166.		Measuring instruments	IS 16893 (Part 3) Clause 4.2: 2018
167.		Mechanical shock	IEC 62660-3 Clause 6.2.1: 2022
168.		Mechanical shock	IS 16893 (Part 3) Clause 6.2.2:2018
169.		Mechanical tests	IEC 62660-3 Clause 6.2: 2022
170.		Overcharge	IEC 62660-3 Clause 6.4.2: 2022
171.		Overcharge	IS 16893 (Part 3): Clause 6.4.2: 2018
172.		Safety tests General	IS 16893 (Part 3) Clause 6.1:2018
173.		Safety tests General	IEC 62660-3 Clause 6.1:2022
174.		SOC adjustment	IEC 62660-3 Clause 5.3: 2022
175.		SOC adjustment	IS 16893 (Part 3) Clause 5.3:2018
176.		Temperature cycling	IEC 62660-3 Clause 6.3.2
177.		Temperature cycling	IS 16893 (Part 3) Clause 6.3.2:2018
178.		Thermal test	IEC 62660-3 Clause 6.3: 2022
179.		Thermal test High temperature endurance	IS 16893 (Part 3): Clause 6.3, 6.3.1: 2018

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Electrical Testing				
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method	
	<b>Cells &amp; Batteries</b>			
180.		Vibration	IS 16893 (Part 3): Clause 6.2.1: 2018	
181.	Secondary Lithium-Ion Cells for the Propulsion of Electric Road Vehicles Part 1 Performance Testing	Capacity	IEC 62660-1: Clause 7.2: 2018	
182.		Capacity	IS 16893 (Part1): Clause: 7.2:2018	
183.		Cycle life test	IEC 62660-1: Clause 7.7: 2018	
184.		Cycle life test	IS 16893 (Part1): Clause:7.7 2018	
185.		Dimension measurement	IS 16893 (Part1): Clause:5: 2018	
186.		Energy test	IEC 62660-1: Clause 7.5: 2018	
187.		Energy test	IS 16893 (Part1): Clause: 7.5:2018	
188.		Mass measurement	IEC 62660-1: Clause 6:2018	
189.		Power	IEC 62660-1: Clause 7.4: 2018	
190.		Power	IS 16893 (Part1): Clause: 7.4:2018	
191.		SOC adjustment	IEC 62660-1: Clause7.3: 2018	
192.		SOC adjustment	IS 16893 (Part1): Clause: 7.3:2018	
193.		Secondary Lithium-Ion Cells for the Propulsion of Electric Road Vehicles Part 2 Reliability and Abuse Testing	Electrical measurement	IS 16893 (Part2) Clause:5 :2018
194.		Reliability and Abuse Testing	Crush	IEC 62660-2: Clause 6.2.3: 2018
195.	Part 2 Reliability and Abuse	Crush	IS 16893 (Part2) Clause: 6.1.3:2018	

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	<b>Cells &amp; Batteries</b>		
196.	Testing	Electrical measurement	IEC 62660-2: Clause 5:2018
197.		Electrical measurement	IEC 62660-2: Clause 5:2018
198.		Electrical test	IEC 62660-2: Clause 6.4: 2018
199.		Electrical test	IS 16893 (Part2) Clause: 6.3:2018
200.		External short circuit	IEC 62660-2: Clause 6.4.1: 2018
201.		External short circuit	IS 16893 (Part2) Clause: 6.3.1:2018
202.		Forced discharge	IS 16893 (Part2): Clause: 6.3.3: 2018
203.		General	IEC 62660-2: Clause 6.1: 2018
204.		High temperature endurance	IEC 62660-2: Clause 6.3.1: 2018
205.		High temperature endurance	IS 16893 (Part2) Clause: 6.2.1:2018
206.		Measuring instruments	IEC 62660-2: Clause 4.2: 2018
207.		Measuring instruments	IS 16893 (Part2) Clause:4.2 :2018
208.		Mechanical shock	IEC 62660-2: Clause 6.2.2: 2018
209.		Mechanical shock	IS 16893 (Part2): Clause: 6.1.2: 2018
210.		Mechanical test	IEC 62660-2 Clause 6.2: 2018
211.	Overcharge	Cl. 6.4.2 of IEC 62660-2:2018	

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
<b>Cells &amp; Batteries</b>			
212.		Overcharge	Cl. 6.3.2 of IS 16893 (Part-2) :2018
213.		Temperature cycling	Cl. 6.3.2. of IEC 62660-2:2018
214.		Temperature cycling	Cl. 6.2.2 of IS 16893 (Part-2):2018
215.		Thermal test	Cl. 6.3 of IEC 62660-2:2018
216.		Vibration	Cl. 6.2.1 of IEC 62660-2:2018
217.		Secondary cells and batteries containing alkaline or other non-acid electrolytes – secondary lithium cells and batteries for use in industrial applications	Parameter measurement tolerances
218.	Marking and designation		Cl. 5 IS 16822: 2019 / IEC 62620: 2014
219.	Electrical tests		Cl. 6 IS 16822: 2019 / IEC 62620: 2014
220.	General		Cl. 6.1 IS 16822: 2019 / IEC 62620: 2014
221.	Charging procedure for test purposes		Cl. 6.2 IS 16822: 2019 / IEC 62620: 2014
222.	Discharge performance		Cl. 6.3 IS 16822: 2019 / IEC 62620: 2014
223.	Discharge performance at +25 °c		Cl. 6.3.1 IS 16822: 2019 / IEC 62620: 2014
224.	Discharge performance at low temperature		Cl. 6.3.2 IS 16822: 2019 / IEC 62620: 2014

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	<b>Cells &amp; Batteries</b>		
225.		High rate permissible current	Cl. 6.3.3 IS 16822: 2019 / IEC 62620: 2014
226.		Charge (capacity) retention and recover	Cl. 6.4 IS 16822 : 2019/ IEC 62620: 2014
227.		Cell and battery internal resistance	Cl. 6.5 IS 16822 : 2019/ IEC 62620: 2014
228.		General	Cl. 6.5.1 IS 16822 : 2019/ IEC 62620: 2014
229.		Measurement of the internal a.c. Resistance	Cl. 6.5.2 IS 16822: 2019 / IEC 62620: 2014
230.		Measurement of the internal d.c. Resistance	Cl. 6.5.3 IS 16822: 2019 / IEC 62620: 2014
231.		Endurance	Cl. 6.6 IS 16822: 2019 / IEC 62620: 2014
232.		Endurance in cycles	Cl. 6.6.1 IS 16822: 2019 / IEC 62620: 2014
233.		Endurance in storage at constant voltage (permanent charge life)	Cl. 6.6.2 IS 16822: 2019 / IEC 62620: 2014
234.		Type test conditions	Cl. 7 IS 16822: 2019/ IEC 62620: 2014
235.		Dimensions	Cl. 7.3.1 IS 16822: 2019/ IEC 62620: 2014

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	<b>Cells &amp; Batteries</b>		
236.		Electrical tests	Cl. 7.3.2 IS 16822: 2019/ IEC 62620: 2014
237.	Measurement of cycle life and energy density for advanced chemistry cells — method of tests	General	Cl. 4 IS 17882: 2022
238.		Parameter measurement tolerances	Cl. 5 IS 17882: 2022
239.		Energy capacity measurement (in WH)	Cl. 6 IS 17882: 2022
240.		Calculation of gravimetric energy density	Cl. 7 IS 17882: 2022
241.		Test method for cycle life measurement	Cl. 8 IS 17882: 2022
242.	Secondary lithium-ion cells for the propulsion of electric road vehicles part 1 performance testing	Capacity	IEC 62660-1: Clause 7.3:2018
243.		Cycle life test	IEC 62660-1: Clause 7.8:2018
244.		Energy test	IEC 62660-1: Clause 7.6:2018
245.	Secondary lithium-ion cells for the propulsion of electric road vehicles part 1 performance testing	Power	IEC 62660-1: Clause 7.5:2018
246.		Soc adjustment	IEC 62660-1: Clause 7.4:2018
247.	Cells and for batteries made from them for use in portable applications part 1 nickel systems	Parameter measurement tolerances	Cl. 4.0 IS 16046-1: 2018/ IEC 62133-1 : 2017
248.		General	Cl. 5.1 IS 16046-1: 2018/ IEC 62133-1 : 2017
249.		Venting	Cl. 5.3 IS 16046-1: 2018/ IEC 62133-1 : 2017

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	<b>Cells &amp; Batteries</b>		
250.	Cells and for batteries made from them for use in portable applications part 1 nickel systems	Temperature, voltage and current management	Cl. 5.4 IS 16046-1: 2018/ IEC 62133-1 : 2017
251.		Terminal contacts	Cl. 5.5 IS 16046-1: 2018/ IEC 62133-1 : 2017
252.		Assembly of cells into batteries	Cl. 5.6 IS 16046-1: 2018/ IEC 62133-1 : 2017
253.		Quality plan	Cl. 5.7 IS 16046-1: 2018/ IEC 62133-1 : 2017
254.		Specific requirements and tests	Cl. 7 IS 16046-1: 2018/ IEC 62133-1 : 2017
255.		Information for safety	Cl. 8 IS 16046-1: 2018/ IEC 62133-1 : 2017
256.		General	Cl. 8.1 IS 16046-1: 2018/ IEC 62133-1 : 2017
257.		Cell marking	Cl. 9.1 IS 16046-1: 2018/ IEC 62133-1 : 2017
258.		Battery marking	Cl. 9.2 IS 16046-1: 2018/ IEC 62133-1 : 2017
259.		Caution for ingestion of small cells and batteries	Cl. 9.3 IS 16046-1: 2018/ IEC 62133-1 : 2017
260.		Packaging	Cl. 10 IS 16046-1: 2018/ IEC 62133-1 : 2017
261.		Recommendations to equipment manufacturers and battery assemblers	Annex A IS 16046-1: 2018/ IEC 62133-1 : 2017

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	<b>Cells &amp; Batteries</b>		
262.		Recommendations to the endusers	Annex B IS 16046-1: 2018/ IEC 62133-1 : 2017
263.	Secondary cells and batteries Containing alkaline or other Non-acid electrolytes — safety Requirements for portable sealed Secondary cells and for batteries Made from them for use in Portable applications Part 2 lithium systems	Parameter measurement tolerances	Cl. 4.0 IS 16046-2: 2018/ IEC 62133-2 : 2017
264.		General	Cl. 5.1 IS 16046-2: 2018/ IEC 62133- : 2017
265.		Venting	Cl. 5.3 IS 16046-2: 2018/ IEC 62133-2 : 2017
266.		Temperature, voltage and current management	Cl. 5.4 IS 16046-2: 2018/ IEC 62133-2 : 2017
267.		Terminal contacts	Cl. 5.5 IS 16046-2: 2018/ IEC 62133-2 : 2017
268.		Assembly of cells into batteries	Cl. 5.6 IS 16046-2: 2018/ IEC 62133-2 : 2017
269.		Quality plan	Cl. 5.7 IS 16046-2: 2018/ IEC 62133-2 : 2017
270.		Specific requirements and tests	Cl. 7 IS 16046-2: 2018/ IEC 62133-2 : 2017
271.		General	Cl. 8.1 IS 16046-2: 2018/ IEC 62133-2 : 2017
272.		Cell marking	Cl. 9.1 IS 16046-2: 2018/ IEC 62133-2 : 2017

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	<b>Cells &amp; Batteries</b>		
273.	Secondary cells and batteries containing alkaline or other non-acid electrolytes — safety requirements for secondary lithium cells and batteries, for use in industrial applications	Battery marking	Cl. 9.2 IS 16046-2: 2018/ IEC 62133-2 : 2017
274.		Caution for ingestion of small cells and batteries	Cl. 9.3 IS 16046-2: 2018/ IEC 62133-2: 2017
275.		Other information	Cl. 9.4 IS 16046-2: 2018/ IEC 62133-2: 2017
276.		Packaging and transport	Cl. 10 IS 16046-2: 2018/ IEC 62133-2: 2017
277.		Charging and discharging range of secondary lithium-ion cells for safe use	Annex A IS 16046-2: 2018/ IEC 62133-2: 2017
278.		Parameter measurement tolerances	Cl. 4 IS 16805: 2018 / IEC 62619: 2017
279.		General safety considerations	Cl. 5 IS 16805: 2018 / IEC 62619: 2017
280.		Type test conditions	Cl. 6 IS 16805: 2018 / IEC 62619: 2017
281.		Specific requirements and tests	Cl. 7 IS 16805: 2018 / IEC 62619: 2017
282.		Charging procedures for test purposes	Cl. 7.1 IS 16805: 2018 / IEC 62619: 2017
283.	Reasonably foreseeable misuse	Cl. 7.2 IS 16805: 2018 / IEC 62619: 2017	
284.	External short-circuit test (cell or cell block).	Cl. 7.2.1 IS 16805: 2018 / IEC 62619: 2017	

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Electrical Testing				
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method	
<b>Cells &amp; Batteries</b>				
285.		Impact test (cell or cell block	Cl. 7.2.2 IS 16805: 2018 / IEC 62619: 2017	
286.		Drop test (cell or cell block, and battery system)	Cl. 7.2.3 IS 16805: 2018 / IEC 62619: 2017	
287.		Thermal abuse test (cell or cell block).	Cl. 7.2.4 IS 16805: 2018 / IEC 62619: 2017	
288.		Overcharge test (cell or cell block).	Cl. 7.2.5 IS 16805: 2018 / IEC 62619: 2017	
289.		Forced discharge test (cell or cell block)	Cl. 7.2.6 IS 16805: 2018 / IEC 62619: 2017	
290.		Considerations for internal short-circuit — design evaluation	Cl. 7.3 IS 16805: 2018 / IEC 62619: 2017	
291.		General	Cl. 7.3.1 IS 16805: 2018 / IEC 62619: 2017	
292.		Secondary cells and batteries containing alkaline or other non-acid electrolytes — safety requirements for secondary lithium cells and batteries, for use in industrial applications	Internal short-circuit test (cell)	Cl. 7.3.2 IS 16805: 2018 / IEC 62619: 2017
293.			Propagation test (battery system)	Cl. 7.3.3 IS 16805: 2018 / IEC 62619: 2017
294.			Battery safety system (considering functional safety)	Cl. 8.0 IS 16805: 2018 / IEC 62619: 2017

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	<b>Cells &amp; Batteries</b>		
295.		General requirements	Cl. 8.1 IS 16805: 2018 / IEC 62619: 2017
296.		Battery management system (battery management unit)	Cl. 8.2 IS 16805: 2018 / IEC 62619: 2017
297.		Information for safety	Cl. 9 IS 16805: 2018 / IEC 62619: 2017
298.		Marking and designation	Cl. 10 IS 16805: 2018 / IEC 62619: 2017
299.		Parameter measurement tolerances	Cl. 4 IEC 62619: 2022
300.		General safety considerations	Cl. 5 IEC 62619: 2022
301.		Type test conditions	Cl. 6 IEC 62619: 2022
302.		Specific requirements and tests	Cl. 7 IEC 62619: 2022
303.		Charging procedures for test purposes	Cl. 7.1 IEC 62619: 2022
304.		Reasonably foreseeable misuse	Cl. 7.2 IEC 62619: 2022
305.		External short-circuit test (cell or cell block).	Cl. 7.2.1 IEC 62619: 2022
306.	Secondary cells and batteries containing alkaline or other non-acid electrolytes — safety requirements for secondary lithium cells and batteries,	External short-circuit test (cell or cell block).	Cl. 7.2.1 IEC 62619: 2022
307.		Impact test (cell or cell block)	Cl. 7.2.2 IEC 62619: 2022
308.		Drop test (cell or cell block, and battery system)	Cl. 7.2.3 IEC 62619: 2022

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	<b>Cells &amp; Batteries</b>		
309.	for use in industrial applications	Thermal abuse test (cell or cell block).	Cl. 7.2.4 IEC 62619: 2022
310.		Overcharge test (cell or cell block)	Cl. 7.2.5 IEC 62619: 2022
311.		Forced discharge test (cell or cell block)	Cl. 7.2.6 IEC 62619: 2022
312.		Considerations for internal short-circuit — design evaluation	Cl. 7.3 IEC 62619: 2022
313.		General	Cl. 7.3.1 IEC 62619: 2022
314.		Internal short-circuit test (cell)	Cl. 7.3.2 IEC 62619: 2022
315.		Propagation test (battery system)	Cl. 7.3.3 IEC 62619: 2022
316.		Battery safety system (considering functional safety)	Cl. 8.0 IEC 62619: 2022
317.		Information for safety	Cl. 10 IEC 62619: 2022
318.		Marking and designation	Cl. 11 IEC 62619: 2022
319.		Packaging and transport	Cl. 12 IEC 62619: 2022

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Rotating Electrical Machines		
1.	Single Phase A.C. Induction Motors for General Purpose	Rated Conditions of Voltage, Frequency, Output and Speed of Motors	Cl. 4 of IS 996: 2009+A1 / IS 996: 2025
2.		Site Conditions	Cl. 5 of IS 996:2009+A1 / IS 996: 2025
3.		Environment	Cl. 6 of IS 996:2009+A1/ IS 996: 2025
4.		Dimensions	Cl. 7 of IS 996: 2009+A1/ IS 996: 2025
5.		Duty and Rating	Cl. 8 of IS 996: 2009+A1/ IS 996: 2025
6.		General Construction	Cl. 9 of IS 996: 2009+A1/ IS 996: 2025
7.		Types of Enclosures	Cl. 10 of IS 996: 2009+A1 / IS 996: 2025
8.		Methods of Cooling	Cl. 11 of IS 996: 2009+A1 / IS 996: 2025
9.		General Characteristics	Cl. 12 of IS 996: 2009+A1 / IS 996: 2025
10.		Test for no-load current, power input and speed at rated voltage and frequency	Cl. 17.3 IS 996: 2009+A1
11.		Test for torques at rated voltage and frequency	Cl of 12.1.1 of IS 996:2009+A1 / IS 996: 2025

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Rotating Electrical Machines		
12.	Single Phase A.C. Induction Motors for General Purpose	Test for breakaway starting current at rated Voltage & frequency	Cl of 12.1.1 of IS 996:2009 / IS 996: 2025
13.		Test for full-load performance at rated voltage and frequency	Cl of 12.5.1 of IS 996: 2009+A1 / IS 996: 2025
14.		Temperature rise test	Cl of 12.2 of IS 996:2009+A1 / IS 996: 2025
15.		Momentary overload test	Cl of 12.1.2 of IS 996:2009+A1/ IS 996: 2025
16.		Insulation resistance test	Cl of 12.7 of IS 996:2009+A1/ IS 996: 2025
17.		HIGH VOLTAGE	Cl of 13 of IS 996: 2009+A1/ IS 996: 2025
18.		High voltage test	Cl of 13.1 of IS 996:2009+A1/ IS 996: 2025
19.		Moisture proofness	Cl of 13.2 of IS 996:2009+A1/ IS 996: 2025
20.		Leakage current test	Cl of 13.3 of IS 996:2009+A1/ IS 996: 2025
21.		Vibration test	Cl of 12.6 of IS 996:2009+A1/ IS 996: 2025
22.		Winding Resistance Measurement	Cl of 14 of IS 996:2025
23.		Reduced Voltage Running up test At No Load	Cl of 15 of IS 996:2025

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Rotating Electrical Machines		
24.	Single Phase A.C. Induction Motors for General Purpose	Noise Level	Cl of 16 of IS 996:2025
25.		Over speed test	Cl of 17 of IS 996:2025
26.		Terminal Marking	Cl of 18 of IS 996:2025, Cl of 14 of IS 996:2009+A1
27.		Torque	Cl of 12.1 of IS 996:2025
28.		Short time rating	Cl of 12.3 of IS 996:2009+A1/ IS 996:2025
29.		Method of testing	Cl of 12.4 of IS 996:2009+A1/IS 996:2025
30.		Performance value	Cl of 12.5 of IS 996: 2009+A1/IS 996:2025
31.		Breakaway Starting torque at rated voltage and frequency	Cl of 12.1.2 of IS 996: 2025
32.		Marking and Diagram Of Connections	Cl of 20 of IS 996:2025
33.		Acceptance Tests	Cl of 21.5 of IS 996:2025

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Electronic Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	<b>Audio Equipment</b>		
1.	Audio, Video and Similar electronic Apparatus-	Antenna Coaxial Socket mounted on the Apparatus-Endurance Test	Cl. 12.5, IS 616: 2017 Cl. 12.5, IEC 60065: 2014
2.	Electronics Games (Video), Plasma/LCD/LED Televisions, Optical disk players with built in	Apparatus containing coin a button cell batteries general construction requirement	Cl. 12.7.1, 12.7.2, IS 616: 2017 Cl. 12.7.1, 12.7.2 IEC 60065: 2014
3.	amplifiers of input power 200W and above, Amplifier	Battery Replacement Test	Cl. 12.7.3.3, IS 616: 2017 Cl. 12.7.3.3 IEC 60065: 2014
4.	with input power 2000W and above, Power adaptors for audio, video & similar	Bump test	Cl. 12.1.2, IS 616: 2017 Cl. 12.1.2, IEC 60065: 2014
5.	electronic apparatus, Electronic Musical System with input power 200W and	Construction requirement with regard to the protection against electric shock	Cl. 8, IS 616: 2017; IEC 6006:2014
6.	above, Wireless microphone, Video Camera, Webcam (Finished Product),	Crush Test	Cl. 12.7.3.6, 12.7.4, IS 616: 2017 Cl. 12.7.3.6, 12.7.4, IEC 60065: 2014
7.	Smart Speakers (with and without Display), Bluetooth	Device Forming Parts of Mains Plug	Cl. 15, 15.4, IS 616: 2017 Cl. 15, 15.4 IEC 60065: 2014
8.	speakers, Wireless Head Phone & Ear Phone,	Drawers	Cl. 12.4, IS 616: 2017 Cl. 12.4 IEC 60065: 2014
9.	Electronic Musical System with input power below 200 Watts, Television other than	Electric Connection and Mechanical Fixing	Cl. 17, IS 616: 2017 Cl. 17, IEC 60065: 2014
10.	Plasma/LCD/ LED TV's	External Flexible Cord	Cl. 16, IS 616: 2017 Cl. 16 IEC 60065: 2014

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Electronic Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	<b>Audio Equipment</b>		
11.		Fixing of Actuating Element	Cl. 12.2, IS 616: 2017 Cl. 12.2, IEC 60065: 2014
12.		Humidity Treatment	Cl. 10.3, IS 616: 2017 Cl. 10.3, IEC 60065: 2014
13.		Impact Test	Cl. 12.1.4, 12.7.3.5 IS 616: 2017 Cl. 12.1.4, 12.7.3.5 IEC
14.		Marking and Instructions	Cl. 5, IS 616: 2017 Cl. 5, IEC 60065: 2014
15.		Mechanical strength of glass	Cl. 19.6, IS 616: 2017 Cl. 19.6, IEC 60065: 2014
16.		Resistance to fire	Cl. 20, IS 616: 2017 Cl. 20, IEC 60065: 2014
17.		Stability	Cl. 19.1, 19.2, 19.3, 19.4, IS 616: 2017; Cl. 19.1, 19.2, 19.3, 19.4, IEC 60065: 2014
18.		Stress relief test	Cl. 12.1.6, 12.7.3.2, IS 616: 2017 Cl. 12.1.6, 12.7.3.2, IEC 60065: 2014
19.		Telescoping and rod antennas	Cl. 12.6, IS 616: 2017 Cl. 12.6, IEC 60065: 2014
20.		Vibration Test	Cl. 12.1.3, IS 616: 2017
21.		Voltage Surge test	Cl. 10.2, 10.1, IS 616: 2017
22.		Wall or ceiling mounting means	Cl. 19.7, IS 616: 2017

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Electronic Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	<b>Audio Equipment</b>		
23.		Creepage distances and clearances	Cl. 13, IS 616: 2017 Cl. 13, IEC 60065: 2014
24.		Determination of hazardous Live parts Fault Condition (Electric Shock)	Cl. 9.1.1.2, 11.1, IS 616: 2017 Cl. 9.1.1.2, 11.1, IEC 60065: 2014
25.		Drop Test	Cl. 12.1.5, 12.7.3.4, IS 616: 2017 Cl. 12.1.5, 12.7.3.4, IEC 60065: 2014
26.		Electric shock hazard under normal operating condition	Cl. 9, IS 616: 2017 Cl. 9, IEC 60065: 2014
27.		Fault condition (Heating)	Cl. 11.2, IS 616: 2017 Cl. 11.2, IEC 60065: 2014
28.		Fault conditions	Cl. 4.3, IS 616: 2017 Cl. 4.3, IEC 60065: 2014
29.		Heating under normal operating conditions	Cl. 7, IS 616: 2017 Cl. 7, IEC 60065: 2014
30.		Insulation resistance and dielectric strength	Cl. 10.4, IS 616: 2017 Cl. 10.4, IEC 60065: 2014
31.		Insulation resistance and dielectric strength	Cl. 10.4, IS 616: 2017
32.		Measurement of transient voltages	Cl. 13.3.4, IS 616: 2017 Cl. 13.3.4, IEC 60065: 2014
33.		Opening of enclosure, Terminal	Cl. 9.1.3, 9.1.4, IS 616: 2017 Cl. 9.1.3, 9.1.4, IEC 60065:

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method	
	<b>Audio Equipment</b>			
34.		Pre-set control	Cl. 9.1.5, IS 616: 2017 Cl. 9.1.5, IEC 60065: 2014	
35.		Provision for protective earthing	Cl. 15, 15.2, IS 616: 2017 Cl. 15, 15.2, IEC 60065: 2014	
36.		Provision for protective earthing	Cl. 15.2, IS 616: 2017 Cl.15.2, IEC 60065: 2014	
37.		Resistance of external forces	Cl. 9.1.7, IS 616: 2017 Cl. 9.1.7, IEC 60065: 2014	
38.		Withdrawal of mains plug	Cl. 9.1.6, IS 616: 2017	
39.		Normal operating conditions	Cl. 4.2, IS 616: 2017 Cl. 4.2, IEC 60065: 2014	
40.		Remote control device held in hand	Cl. 12.3, IS 616: 2017 Cl. 12.3, IEC 60065: 2014	
41.		Audio/Video, information and communication technology equipment	Safeguards against fire under normal operating conditions and abnormal operating conditions	IS/IEC 62368-1 (Clause 6.3): 2018
42.			Safeguards Against Moving Parts	IS/IEC 62368-1 (ed 3) EN 62368-1 (Clause 8.5.1, 8.5.2, 8.5.3): 2018
43.			Safeguards Against Parts with Sharp Edges and Corners	IS/IEC 62368-1(ed 3:) Clause No. 8.4: 2018
44.	Safeguards Against Thermal Energy Sources		IS/IEC 62368-1(ed 3) Clause No. 9.4: 2018	
45.	Separation between external circuits and earth		IS/IEC 62368-1 Clause No. 5.4.11: 2018	

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	<b>Audio Equipment</b>		
46.		Solid insulation	IS/IEC 62368-1 (Clause 5.4.4):
47.		Special categories of equipment containing moving parts	IS/IEC 62368-1 Clause No. 8.5.4: 2018
48.		Stability of equipment	IS/IEC 62368-1 (Clause 8.6): 2018
49.		Steady –state voltage and current limits	IS/IEC 62368-1 Clause No. 5.2.2.2: 2018
50.		Steady-state test (electric strength test)	IS/IEC 62368-1 (Clause 5.4.10.2.3): 2018
51.		Stress relief test	IS/IEC 62368-1: (Clause no. 4.8.4.2): 2018
52.		Telescoping or rod antennas	IS/IEC 62368-1(ed 3:) Clause No. 8.12 (Annex T.11): 2018
53.		Test conditions for equipment contain audio amplifiers	IS/IEC 62368-1 Clause No. Annex E: 2018
54.		Top openings and top opening properties	IS/IEC 62368-1 Clause No. 6.4.8.3.3: 2018
55.		Touch Temperature limit	IS/IEC 62368-1 Clause No. 9.3: 2018

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## Scope of Accreditation

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QAI/CIA/TL/2024/0047

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Accreditation Standard: ISO/IEC 17025:2017

Electronic Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	<b>Audio Equipment</b>		
56.		Vicat softening test	IS/IEC 62368-1 (Clause 5.4.1.10.2): 2018
57.		Wheels or casters attachment requirement	IS/IEC 62368-1 Clause No.8.9: 2018
58.	Audio/video, information and communication technology equipment	Fire enclosures and fire barriers	IEC 62368-1: 2023 (Clause 6.4.8)
59.	Audio/video, information and communication technology equipment	Abrasion resistance test on coated printed boards	IEC 62368-1: 2023 (Annex G.13.6) (Annex G1, G2, G3, G4, G5, G6, G7, G10, G11, G12, G13 & G14)
60.	Audio/video, information and communication technology equipment	Accessibility to electrical energy sources and safeguards	IEC 62368-1: 2023 (Clause 5.3.2)
61.	Audio/video, information and communication technology equipment	Antenna terminal insulation	IEC 62368-1: 2023(Clause 5.4.5)
62.	Audio/video, information and communication technology equipment	Ball pressure test	IEC 62368-1: 2023(Clause 5.4.1.10.3)
63.	Audio/video, information and communication technology equipment	Battery replacement test	IEC 62368-1: 2023(Clause 4.8.4.3)
64.	Audio/video, information and communication technology equipment	Cart, stand or carrier loading test and compliance criteria	IEC 62368-1: 2023(Clause 8.10.3)

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Electronic Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	<b>Audio Equipment</b>		
65.	Audio/video, information and communication technology equipment	Classification of potential ignition source	IEC 62368-1: 2023 (Clause 6.2.3)
66.	Audio/video, information and communication technology equipment	Clearance, creepage distance and solid insulation	IEC 62368-1:2023 (Clause 5.4.2, 5.4.3, 5.4.4)
67.	Audio/video, information and communication technology equipment	Compliance criteria (force test)	IEC 62368-1: 2023 (Clause 4.8.5)
68.	Audio/video, information and communication technology equipment	Components requirements	IEC 62368-1: 2023 (Clause 4.10)
69.	Audio/video, information and communication technology equipment	Corrosion	IEC 62368-1: 2023 Clause 5.6.5.2
70.	Audio/video, information and communication technology equipment	Criteria for telephone ringing signals (TNV circuit test)	IEC 62368-1: 2023 (Annex H)
71.	Audio/video, information and communication technology equipment	Crush test	IEC 62368-1:2023 (Clause 4.8.4.6)
72.	Audio/video, information and communication technology equipment	Drop test	IEC 62368-1: 2023 (Clause 4.8.4.4)

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Electronic Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	<b>Audio Equipment</b>		
73.	Audio/video, information and communication technology equipment	Electric strength test	IEC 62368-1: 2023 (Clause 5.4.9)
74.	Audio/video, information and communication technology equipment	Energy source classifications	IEC 62368-1: 2023 (Clause 4.2)
75.	Audio/video, information and communication technology equipment	Equipment for direct insertion in to mains socket-outlets	IEC 62368-1: 2023 (Clause 4.7)
76.	Audio/video, information and communication technology equipment	Equipment markings, instructions, and instructional safeguards	IEC 62368-1: 2023 (Annex F)
77.	Audio/video, information and communication technology equipment	Equipment mounted to a wall or ceiling or other structure	IEC 62368-1: 2023 (Clause 8.7)
78.	Audio/video, information and communication technology equipment	Fixing of conductors and conductive part	IEC 62368-1: 2023 (Clause 4.6)
79.	Audio/video, information and communication technology equipment	Glass slide test	IEC 62368-1: 2023 (Clause 8.6.4)
80.	Audio/video, information and communication technology equipment	Handle strength	IEC 62368-1: 2023 (Clause 8.8)

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Electronic Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	<b>Audio Equipment</b>		
81.	Audio/video, information and communication technology equipment	Horizontal force test and compliance criteria	IEC 62368-1: 2023 (Clause 8.6.5)
82.	Audio/video, information and communication technology equipment	Humidity conditioning	IEC 62368-1: 2023 (Clause 5.4.8)
83.	Audio/video, information and communication technology equipment	Impact test	IEC 62368-1: 2023 (Clause 4.8.4.5)
84.	Audio/video, information and communication technology equipment	Impulse test	IEC 62368-1: 2023 (Clause 5.4.10.2.2)
85.	Audio/video, information and communication technology equipment	Input test	IEC 62368-1: 2023 (Annex B.2.5)
86.	Audio/video, information and communication technology equipment	Insulating surfaces	IEC 62368-1: 2023 (Clause 5.4.1.9)
87.	Audio/video, information and communication technology equipment	Insulation of internal wire	IEC 62368-1: 2023 (Clause 5.4.6)
88.	Audio/video, information and communication technology equipment	Internal and external wiring	IEC 62368-1: 2023 (Clause 6.5)
89.	Audio/video, information and communication technology equipment	Likelihood of fire or shock due to entry of conductive object	IEC 62368-1: 2023 (Clause 4.9)

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Electronic Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	<b>Audio Equipment</b>		
90.	Audio/video, information and communication technology equipment	Maximum operating temperature (temperature measurement)	IEC 62368-1: 2023 (Clause 5.4.1.4)
91.	Audio/video, information and communication technology equipment	Mechanical energy source classification	IEC 62368-1: 2023 (Clause 8.2)
92.	Audio/video, information and communication technology equipment	Mounting means for rack mounted equipment	IEC 62368-1: 2023 (Clause 8.11)
93.	Audio/video, information and communication technology equipment	Power source circuit classification	IEC 62368-1: 2023 (Clause 6.2.2)
94.	Audio/video, information and communication technology equipment	Prospective touch voltage, touch current and protective conductor current	IEC 62368-1: 2023 (Clause 5.7)
95.	Audio/video, information and communication technology equipment	Protection against energy sources	IEC 62368-1: 2023 (Clause 4.3)
96.	Audio/video, information and communication technology equipment	Requirements for safeguards	IEC 62368-1: 2023 (Clause 9.5)
97.	Audio/video, information and communication technology equipment	Resistance of the protective bonding system (earth bond test)	IEC 62368-1: 2023 (Clause 5.6.6)
98.	Audio/video, information and communication technology equipment	Rms working voltage	IEC 62368-1: 2023 (Clause 5.4.1.8.2)

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Electronic Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	<b>Audio Equipment</b>		
99.	Audio/video, information and communication technology equipment	Safeguards	IEC 62368-1: 2023 (Clause 4.4)
100.	Audio/video, information and communication technology equipment	Safeguards against fire due to the connection of additional equipment	IEC 62368-1: 2023 (Clause 6.6)
101.	Audio/video, information and communication technology equipment	Safeguards against fire under normal operating conditions and abnormal operating conditions	IEC 62368-1: 2023 (Clause 6.3)
102.	Audio/video, information and communication technology equipment	Safeguards against parts with sharp edges and corners	IEC 62368-1: 2023 (Clause 8.4)



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Electronic Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
103.	Audio, video and similar electronic apparatus- safety requirements, electronics games (video), plasma/ LCD/ LED television of screen size 32" and above , plasma/ LCD/ led television of screen size up-to 32", optical disk players with built in amplifiers of input power 200w and above, amplifier with input power 2000w and above, power adaptors for audio, video & similar electronic apparatus, electronic musical system with input power 200 w and above, bluetooth speakers, smart speakers (with and without display), webcam (finished product), video camera, wireless headphone & earphone, electronic musical system with input power below 200 watts, television other than plasma/ LCD/LED TVS, wireless microphone	Hazardous radiations	Cl. 6 IS 616: 2017/IEC 60065:2014

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Electronic Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	<b>Audio Equipment</b>		
104.	Audio, video and similar electronic apparatus- safety requirements, electronics games (video),	Constructional requirements with regard to the protection against electric shock	Cl. 8, IS 616: 2017 RAF: 2020, IEC 60065: 2014
105.	plasma/lcd/led television of screen size 32" and above ,	Electric shock hazard under normal operating conditions	Cl. 9, IS 616: 2017 RAF: 2020, IEC 60065: 2014
106.	plasma/lcd/led television of screen size up-to 32", optical disk players with built in	Insulation requirements	Cl. 10, IS 616: 2017 RAF: 2020, IEC 60065: 2014
107.	amplifiers of input power 200w and above, amplifier with input power 2000w and above,	Fault conditions	Cl. 11, IS 616: 2017 RAF: 2020, IEC 60065: 2014
108.	power adaptors for audio, video & similar electronic apparatus,	Mechanical strength	Cl. 12, IS 616: 2017 RAF: 2020, IEC 60065: 2014
109.	electronic musical system with input power 200 w and above, Bluetooth speakers,	Components	Cl. 14, IS 616: 2017 RAF: 2020, IEC 60065: 2014
110.	smart speakers (with and without display), webcam (finished product), video camera, wireless headphone & earphone, electronic musical system with input power below 200 watts,	Terminals	Cl. 15, IS 616: 2017 RAF: 2020, IEC 60065: 2014
111.	television other than plasma/ LCD/LED TVs, wireless	Mechanical strength of picture tubes and protection against the effects of implosion	Cl. 18, IS 616: 2017 RAF: 2020, IEC 60065: 2014

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Electronic Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	<b>Audio Equipment</b>		
112.	Audio/Video, Information and communication Technology Equipment	General	IS/IEC 62368 : PART 1: 2023/ IEC 62368: PART 1 : 2023 (Clause 4.1)
113.		Energy Source Classifications	IS/IEC 62368 :PART 1 : 2023/ IEC 62368: PART 1 : 2023 (Clause 4.2)
114.		Protection against energy sources	IS/IEC 62368 : PART 1:2023/ IEC 62368 : PART 1 : 2023 (Clause 4.3)
115.		Safeguards	IS/IEC 62368: PART 1 : 2023/ IEC 62368: PART 1 : 2023 (Clause 4.4)
116.		Explosion	IS/IEC 62368 : PART 1 : 2023/ IEC 62368 : PART 1 : 2023 (Clause 4.5)
117.		Fixing of Conductors and conductive part	IS/IEC 62368: PART 1: 2023/ IEC 62368 : PART 1: 2023 (Clause 4.6)
118.		Equipment for direct insertion in to mains socket- outlets	IS/IEC 62368: PART 1: 2023/ IEC 62368 : PART 1 : 2023 (Clause 4.7)
119.		Equipment containing coin or button cell batteries	IS/IEC 62368 : PART 1: 2023/ IEC 62368 : PART 1 : 2023 (Clause 4.8)
120.		Likelihood of fire or shock due to entry of conductive objects	IS/IEC 62368 : PART 1: 2023/ IEC 62368 : PART 1 : 2023 (Clause 4.9)
121.		Components requirements	IS/IEC 62368 : PART 1: 2023/ IEC 62368 : PART 1 : 2023 (Clause 4.10)

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Electronic Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	<b>Audio Equipment</b>		
122.	Audio/Video, Information and communication Technology Equipment	Electrically-caused injury	IS/IEC 62368 : PART 1: 2023/ IEC 62368 : PART 1 : 2023 (Clause 5.1)
123.		Classification and limits of electrical energy sources	IS/IEC 62368 : PART 1: 2023/ IEC 62368 : PART 1 : 2023 (Clause 5.2)
124.		Protection against electrical energy sources	IS 62368-1:2023/IEC 62368-1:2023 (Clause 5.3)
125.		Insulation materials and requirements	IS/IEC 62368 : PART 1: 2023/ IEC 62368 : PART 1 : 2023 (Clause 5.4)
126.		Components as safeguards	IS/IEC 62368 : PART 1: 2023/ IEC 62368 : PART 1 : 2023 (Clause 5.5)
127.		Protective conductor	IS/IEC 62368 : PART 1: 2023/ IEC 62368 : PART 1 : 2023 (Clause 5.6)
128.		Prospective touch voltage, touch current and protective conductor current	IS/IEC 62368 : PART 1: 2023/ IEC 62368 : PART 1 : 2023 (Clause 5.7)
129.		Back feed safeguard in battery backed up supplies	IS/IEC 62368 : PART 1: 2023/ IEC 62368 : PART 1 : 2023 (Clause 5.8)
130.		General-Electrically- caused fire	IS/IEC 62368 : PART 1: 2023/ IEC 62368 : PART 1 : 2023 (Clause 6.1)
131.		Power source circuit classification	IS/IEC 62368 : PART 1: 2023/ IEC 62368 : PART 1 : 2023 (Clause 6.2)

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Electronic Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	<b>Audio Equipment</b>		
132.	Audio/Video, Information and communication Technology Equipment	Safeguards against fire under normal operating conditions and abnormal operating conditions	IS/IEC 62368 : PART 1: 2023/ IEC 62368 : PART 1 : 2023 (Clause 6.3)
133.		Safeguards against fire under single fault conditions	IS/IEC 62368 : PART 1: 2023/ IEC 62368 : PART 1 : 2023 (Clause 6.4)
134.		Internal and external wiring	IS/IEC 62368 : PART 1: 2023/ IEC 62368 : PART 1 : 2023 (Clause 6.5)
135.		Safeguards against fire due to the connection of additional	IS/IEC 62368 : PART 1 : 2023/ IEC 62368 : PART 1 : 2023 (Clause 6.6)
136.		Injury caused by hazardous substances	IS/IEC 62368 : PART 1: 2023/ IEC 62368 : PART 1 : 2023 (Clause 7)
137.		General- Mechanically- caused injury	IS/IEC 62368 : PART 1 : 2023/ IEC 62368 : PART 1 : 2023 (Clause 8.1)
138.		Mechanical energy source classification	IS/IEC 62368 : PART 1: 2023/ IEC 62368 : PART 1 : 2023 (Clause 8.2)
139.		Safeguards against mechanical energy sources	IS/IEC 62368 : PART 1: 2023/ IEC 62368 : PART 1 : 2023 (Clause 8.3)
140.		Safeguards Against Parts with Sharp Edges and Corners	IS/IEC 62368 : PART 1: 2023/ IEC 62368 : PART 1 : 2023 (Clause 8.4)
141.		Safeguards against moving parts	IS/IEC 62368 : PART 1: 2023/ IEC 62368 : PART 1 : 2023 (Clause 8.5)

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Electronic Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	<b>Audio Equipment</b>		
142.	Audio/Video, Information and communication Technology Equipment	Stability of equipment	IS/IEC 62368 : PART 1: 2023/ IEC 62368 : PART 1 : 2023 (Clause 8.6)
143.		Equipment mounted to a wall or ceiling or other structure	IS/IEC 62368 : PART 1: 2023/ IEC 62368 : PART 1 : 2023 (Clause 8.7)
144.		Handle strength	IS/IEC 62368 : PART 1 : 2023/ IEC 62368 : PART 1 : 2023 (Clause 8.8)
145.		Wheels or casters attachment requirements	IS/IEC 62368 : PART 1: 2023/ IEC 62368 : PART 1 : 2023 (Clause 8.9)
146.		Carts, stands, and similar carriers	IS/IEC 62368 : PART 1: 2023/ IEC 62368 : PART 1 : 2023 (Clause 8.10)
147.		Mounting means for rack mounted equipment	IS/IEC 62368 : PART 1: 2023/ IEC 62368 : PART 1 : 2023 (Clause 8.11)
148.		Telescoping or rod antennas	IS/IEC 62368 : PART 1 : 2023/ IEC 62368 : PART 1 : 2023 (Clause 8.12)
149.		General-Thermal burn injury	IS/IEC 62368 : PART 1 : 2023/ IEC 62368 : PART 1 : 2023 (Clause 9.1)
150.		Thermal energy source classifications	IS/IEC 62368 : PART 1 : 2023/ IEC 62368 : PART 1 : 2023 (Clause 9.2)
151.		Touch temperature limits	IS/IEC 62368 : PART 1: 2023/ IEC 62368 : PART 1 : 2023 (Clause 9.3)
152.	Safeguards against thermal energy sources	IS/IEC 62368 : PART 1: 2023/ IEC 62368 : PART 1 : 2023 (Clause 9.4)	

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Electronic Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	<b>Audio Equipment</b>		
153.	Audio/Video, Information and communication Technology Equipment	Requirements for Safeguards	IS/IEC 62368 : PART 1: 2023/ IEC 62368 : PART 1 : 2023 (Clause 9.5)
154.		Requirements for wireless power transmitters	IS/IEC 62368 : PART 1: 2023/ IEC 62368 : PART 1 : 2023 (Clause 9.6)
155.		Examples of equipment within the scope of this document	IS/IEC 62368 : PART 1: 2023/ IEC 62368 : PART 1 : 2023 (Annex A)
156.		Normal operating condition tests, abnormal operating condition tests and single fault condition tests	IS/IEC 62368 : PART 1: 2023/ IEC 62368 : PART 1 : 2023 (Annex B)
157.		Test generators	IS/IEC 62368 : PART 1: 2023/ IEC 62368 : PART 1 : 2023 (Annex D)
158.		Test conditions for equipment intended to amplify audio signals	IS/IEC 62368 : PART 1: 2023/ IEC 62368 : PART 1 : 2023 (Annex E)
159.		Equipment markings, instructions, and instructional safeguards	IS/IEC 62368 : PART 1: 2023/ IEC 62368 : PART 1 : 2023 (Annex F)
160.		Abrasion resistance test on coated printed boards	IS/IEC 62368 : PART 1: 2023/ IEC 62368 : PART 1 : 2023 (Annex G)
161.		Criteria for telephone ringing signals (TNV circuit test)	IS/IEC 62368 : PART 1: 2023/ IEC 62368 : PART 1 : 2023 (Annex H)
162.		Equipment markings, instructions, and instructional safeguards	IS/IEC 62368 : PART 1: 2023/ IEC 62368 : PART 1 : 2023 (Annex I)

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Electronic Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	<b>Audio Equipment</b>		
163.	Audio/Video, Information and communication Technology Equipment	Insulated winding wires for use without interleaved insulation	IS/IEC 62368 : PART 1: 2023/ IEC 62368 : PART 1 : 2023 (Annex J)
164.		Safety interlocks	IS/IEC 62368 : PART 1: 2023/ IEC 62368 : PART 1 : 2023 (Annex K)
165.		Disconnect devices	IS/IEC 62368 : PART 1: 2023/ IEC 62368 : PART 1 : 2023 (Annex L)
166.		Equipment containing batteries and their protection circuits	IS/IEC 62368 : PART 1: 2023/ IEC 62368 : PART 1 : 2023 (Annex M)
167.		Electrochemical potentials (V)	IS/IEC 62368 : PART 1: 2023/ IEC 62368 : PART 1 : 2023 (Annex N)
168.		Measurement of creepage distances and clearances	IS/IEC 62368 : PART 1: 2023/ IEC 62368 : PART 1 : 2023 (Annex O)
169.		Safeguards against conductive objects	IS/IEC 62368 : PART 1: 2023/ IEC 62368 : PART 1 : 2023 (Annex P)
170.		Circuits intended for inter connection with building wiring	IS/IEC 62368 : PART 1: 2023/ IEC 62368 : PART 1 : 2023 (Annex Q)
171.		Limited short- circuit test	IS/IEC 62368 : PART 1: 2023/ IEC 62368 : PART 1 : 2023 (Annex R)
172.		Tests for resistance to heat and fire	IS/IEC 62368 : PART 1: 2023/ IEC 62368 : PART 1 : 2023 (Annex S)
173.	Mechanical strength tests	IS/IEC 62368 : PART 1: 2023/ IEC 62368 : PART 1 : 2023 (Annex T)	

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Electronic Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	<b>Audio Equipment</b>		
174.	Audio/Video, Information and communication Technology Equipment	Determination of accessible parts	IS/IEC 62368 : PART 1: 2023/ IEC 62368 : PART 1 : 2023 (Annex V)
175.		Comparison of terms introduced in this document	IS/IEC 62368 : PART 1: 2023/ IEC 62368 : PART 1 : 2023 (Annex W)
176.		Alternative method for determining clearances for insulation in circuits connected to an AC main not exceeding 420 V	IS/IEC 62368 : PART 1: 2023/ IEC 62368 : PART 1 : 2023 (Annex X)
177.		Construction requirements for outdoor enclosures	IS/IEC 62368 : PART 1: 2023/ IEC 62368 : PART 1 : 2023 (Annex Y)

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Electronic Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	IT Equipment		
1.	"Safety test facility" Electrical equipment for measurements control and laboratory use	Determination of Accessible parts	IEC 61010-1(Ed 3.0): +A1: Clause No. 6.2: 2016
2.		Additional means of protection in case of single fault conditions	IEC 61010-1(Ed 3.0) +A1: Clause No. 6.5: 2016
3.			IEC 61010-1(Ed 3.0): 2010
4.		Connection to external circuit	IEC 61010-1(Ed 3.1): Clause No. 6.6: 2010
5.		Determination of accessible parts	IEC 61010-1(Ed 3.0): 2010
6.		Insulation requirements (Clearance & creepage distances)	IEC 61010-1(Ed 3.0): 2010
7.		Insulation requirements (Clearance & creepage distances)	IEC 61010-1(Ed 3.0) +A1: Clause No. 6.7: 2016
8.		Limit values for accessible parts	IEC 61010-1(Ed 3.0) +A1: Clause No. 6.3: 2016
9.		Limit values for accessible parts	IEC 61010-1(Ed 3.0): 2010
10.		Marking and documentation	IEC 61010-1(Ed 3.0): +A1 Clause No. 5: 2016
11.		Primary means of protection	IEC 61010-1(Ed 3.0) +A1: Clause No. 6.4: 2016
12.		Primary means of protection	IEC 61010-1(Ed 3.0): 2010

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Electronic Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	IT Equipment		
13.		Procedure for voltage test	IEC 61010-1(Ed 3.0) +A1: Clause No. 6.8: 2016
14.		Procedure for voltage test	IEC 61010-1(Ed 3.0): 2010
15.		Marking	Cl 6.0, IS 16333 (Part 3): 2022
16.		Inputting of text	Cl. 5.1, IS 16333 (Part 3): 2022
17.		Inputting of text	IS 16350: 2016
18.	Indian language support for mobile phone handsets	Inputting of text	IS 16350: 2016
19.		Message readability	Cl. 5.2 of IS 16333 (Part 3): 2022
20.		Messaging readability	Cl. 5.2 IS 16333 (Part 3): 2017
21.		Messaging readability	Cl. 5.2 IS 16333 (Part 3): 2017
22.		Components	IEC 60215 (Edition 4), Clause 6.2: 2016
23.		Components	IS 10437: Clause 7.0: 2019
24.	Radio transmitting Equipment	Construction	IEC 60215 (Edition 4) Clause 6.3: 2016
25.		Construction	IS 10437: Clause 8.0: 2019
26.		Dangerous materials	IEC 60215 (Edition 4) Clause 8.6: 2016
27.		Dangerous materials	IS 10437 Clause 22: 1986

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Electronic Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	IT Equipment		
28.		Dangerous short-circuiting of low- voltage supplies	IEC 60215 (Edition 4) Clause 8.7: 2016
29.		Dangerous short-circuiting of low- voltage supplies	IS 10437 Clause 23: 1986
30.		Earthing	IEC 60215 (Edition 4) Clause 7.2: 2016
31.		Earthing	IEC 60215 (Edition 4) Clause 7.2: 2016
32.		Earthing	IS 10437 Clause 11: 2019
33.		Enclosure	IEC 60215 (Edition 4) Clause 7.3: 2016
34.		Enclosure	IS 10437 Clause 12: 2019
35.		Fault conditions	Clause 5.1 IS 10437: 2019
36.		Fault conditions	IEC 60215 (Edition 4) Clause 5.3: 2016
37.		Fire	IEC 60215 (Edition 4) Clause 8.3: 2016
38.		Fire	IS 10437, Clause 19: 1986
39.		General condition for tests	IEC 60215 (Edition 4) Clause 5.4: 2016
40.		General condition for tests	IS 10437, Clause 6.1: 2019
41.		High Temperatures, fire and miscellaneous hazards	IEC 60215 (Edition 4) Clause 8.0, 8.1: 2016

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Electronic Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	IT Equipment		
42.		High Temperatures, fire and miscellaneous hazards	IS 10437:2019 Clause 17: 2019
43.		Insulation	IEC 60215 (Edition 4) Clause 7.6: 2016
44.		Insulation	IS 10437 Clause 15: 2019
45.		Marking relevant to safety	IEC 60215 (Edition 4): Clause 6.4: 2016
46.		Marking relevant to safety	IS 10437: Clause 9: 2019
47.		Mechanical considerations concerning safety devices	IEC 60215 (Edition 4) Clause 7.4: 2016
48.		Mechanical considerations concerning safety devices	IS 10437: Clause 13: 2019
49.		Protection against harmful electric shock and radio-frequency skin burns	IEC 60215 (Edition 4):2016 Clause 7.0,7.1: 2016
50.		Protection against harmful electric shock and radio-frequency skin burns	IS 10437: Clause 10: 2019
51.		Temperature rise under fault conditions /High Temperature	IEC 60215 (Edition 4) Clause 8.2: 2016
52.		Temperature rise under fault conditions /High Temperature	IS 10437 Clause 18: 2019
53.		Voltage at the radio-frequency output connection	IEC 60215 (Edition 4) Clause 7.7: 2016

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Electronic Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	IT Equipment		
54.		Voltage at the radio-frequency output connection	IS 10437 Clause 16: 2019
55.		Wiring and termination	IEC 60215 (Edition 4) Clause 7.5: 2016
56.		Wiring and termination	IS 10437 Clause 14: 2019
57.	Safety of Information Technology Equipment- Visual Display Units (VDU), Video Monitors, Printers & Plotters, Laptop/Tablets/Notebook, Scanners & Iris Scanners, Wireless Keyboards,	Power interface	Cl. 1.6, IS 13252 (Part 1): 2010 + A1: 2013 + A2: 2015, IEC 60950-1:2005+A1:2009+A2:2013
58.	Telephone Answering Machines, Set Top Box, Automatic Data Processing Machine (ADP), Power Adaptors for IT equipment, Mobile Phones, Cash Registers, Point of Sale terminals, Copying machines/duplicators, Smart card readers, Mail processing machines/postage	Wiring connection and supply: general	Cl. 3.1, IS 13252 (Part 1): 2010 + A1: 2013 + A2: 2015, IEC 60950-1:2005+A1:2009+A2:2013
59.		Abnormal Operating and fault Conditions	Cl. 5.3, IS 13252 (Part 1): 2010 + A1: 2013 + A2: 2015, IEC 60950-1:2005+A1:2009+A2:2013
60.		Connections to main supply	Cl. 3.2, IS 13252 (Part 1): 2010 + A1: 2013 + A2: 2015, IEC 60950-
61.		Connections to tele communication network	Cl. 6, IS 13252 (Part 1): 2010 + A1: 2013 + A2: 2015, IEC 60950-1:2005+A1:2009+A2:2013
62.		Creepage Distances and Clearances	Cl. 2.10, IS 13252 (Part 1): 2010 + A1: 2013 + A2: 2015, IEC 60950-1:2005+A1:2009+A2:2013

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Electronic Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	<b>IT Equipment</b>		
63.	machines/Frinking machines, Passport Reader, Power Bank for use in portable applications, CCTV	Design and construction	Cl. 4.3, IS 13252 (Part 1): 2010 + A1: 2013 + A2: 2015, IEC 60950-1:2005+A1:2009+A2:2013
64.	Camera/CCTV Recorder, USB Driven Barcode readers, Barcode scanners, Optical finger print scanner, Smart Watch, Digital Camera,	Disconnections from the supply mains	Cl. 3.4, IS 13252 (Part 1): 2010 + A1: 2013 + A2: 2015, IEC 60950-1:2005+A1:2009+A2:2013
65.	Keyboard, Automatic Teller Cash Dispensing Machine (ATM), USB Type External Hard Disk Drive, USB Type External Solid- State Storage Devices (above 256 GB capacity), Standalone Switch Mode Power Supplies (SMPS) with output voltage 48 V (max)	Electric strength test	Cl. 5.2, IS 13252 (Part 1): 2010 + A1: 2013 + A2: 2015, IEC 60950-1:2005+A1:2009+A2:2013
66.		Electrical Insulation	Cl. 2.9, IS 13252 (Part 1): 2010 + A1: 2013 + A2: 2015, IEC 60950-1:2005+A1:2009+A2:2013
67.		Electrical requirements and simulated abnormal conditions, touch current and protective conductor current	Cl. 5.1, IS 13252 (Part 1): 2010 + A1: 2013 + A2: 2015, IEC 60950-1:2005+A1:2009+A2:2013
68.		Impulse test	Cl. 2.10.3.9, IS 13252 (Part 1): 2010 + A1:2013 + A2: 2015, IEC 60950-1:2005+A1:2009+A2:2013
69.		Impulse test	Cl. 7, 7.4.3 IS 13252 (Part 1): 2010 + A1:2013 + A2: 2015, IEC 60950-1:2005+A1:2009+A2:2013
70.		Interconnection of equipment	Cl. 3.5, IS 13252 (Part 1): 2010 + A1: 2013 + A2: 2015, IEC 60950-1:2005+A1:2009+A2:2013

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Electronic Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	IT Equipment		
71.		Limited current circuits	Cl. 2.4, IS 13252 (Part 1): 2010 + A1: 2013 + A2: 2015, IEC 60950-1:2005+A1:2009+A2:2013
72.		Limited power source	Cl. 2.5, IS 13252 (Part 1): 2010 + A1: 2013 + A2: 2015, IEC 60950-1:2005+A1:2009+A2:2013
73.		Limited power source	Cl. 2.5, IS 13252 (Part 1): 2010 + A1: 2013 + A2: 2015, IEC 60950-1:2005+A1:2009+A2:2013
74.		Marking and Instructions	Cl. 1.7, IS 13252 (Part 1): 2010 + A1: 2013 + A2: 2015, IEC 60950-1:2005+A1:2009+A2:2013
75.		Mechanical strength	Cl. 4.2, IS 13252 (Part 1): 2010 + A1: 2013 + A2: 2015, IEC 60950-1:2005+A1:2009+A2:2013
76.		Over-current and earth fault protective in primary circuits	Cl. 2.7, IS 13252 (Part 1): 2010 + A1: 2013 + A2: 2015, IEC 60950-1:2005+A1:2009+A2:2013
77.		Physical requirements stability	Cl. 4.1, IS 13252 (Part 1): 2010 + A1: 2013 + A2: 2015, IEC 60950-1:2005+A1:2009+A2:2013
78.		Power Interface	Cl. 1.6, IS 13252 (Part 1): 2010 + A1: 2013 + A2: 2015, IEC 60950-1:2005+A1:2009+A2:2013

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Electronic Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	IT Equipment		
79.		Protection against hazardous moving parts	Cl. 4.4, IS 13252 (Part 1): 2010 + A1: 2013 + A2: 2015, IEC 60950-1:2005+A1:2009+A2:2013
80.		Protection from hazards, protection from electric Shock and energy Hazards	Cl. 2.1, IS 13252 (Part 1): 2010 + A1: 2013 + A2: 2015, IEC 60950-1:2005+A1:2009+A2:2013
81.		Provision for Earthing and Bonding	Cl. 2.6, IS 13252 (Part 1): 2010 + A1: 2013 + A2: 2015, IEC 60950-1:2005+A1:2009+A2:2013
82.		Resistance to Fire	Cl. 4.7, IS 13252 (Part 1): 2010 + A1: 2013 + A2: 2015, IEC 60950-1:2005+A1:2009+A2:2013
83.		SELV circuits	Cl. 2.2, IS 13252 (Part 1): 2010 + A1: 2013 + A2: 2015, IEC 60950-1:2005+A1:2009+A2:2013
84.		Thermal requirements	Cl. 4.5, IS 13252 (Part 1): 2010 + A1: 2013 + A2: 2015, IEC 60950
85.		TNV circuits	Cl. 2.3, IS 13252 (Part 1): 2010 + A1: 2013 + A2: 2015, IEC 60950-1:2005+A1:2009+A2:2013
86.		Voltage surge test	Cl. 7, 7.4.2, IS 13252 (Part 1): 2010 + A1:2013 + A2: 2015, IEC 60950-1:2005+A1:2009+A2:2013
87.		Wiring terminals for external conductors	Cl. 3.3, IS 13252 (Part 1): 2010 + A1: 2013 + A2: 2015, IEC 60950-

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Electronic Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	IT Equipment		
			1:2005+A1:2009+A2:2013
88.		Wiring terminals for external conductors	Cl. 3.3, IS 13252 (Part 1): 2010 + A1: 2013 + A2: 2015, IEC 60950-1:2005+A1:2009+A2:2013
89.		Limited power source	Cl. 2.5, IS 13252 (Part 1): 2010 + A1: 2013 + A2: 2015, IEC 60950-1:2005+A1:2009+A2:2013
90.		General requirement	Cl. 1.3, IS 13252 (Part 1): 2010 + A1: 2013 + A2: 2015, IEC 60950-1:2005+A1:2009+A2:2013
91.		Opening in enclosure	Cl. 4.6, IS 13252 (Part 1): 2010 + A1: 2013 + A2: 2015, IEC 60950-1:2005+A1:2009+A2:2013
92.	Information technology equipment- visual display units (VDU), video monitors, printers & plotters,	Components	Cl 1.5 IS 13252 (Part 1): 2010 + A1: 2013 + A2: 2015 / IEC 60950-1: 2005 + A1:2009 + A2: 2013
93.	laptop/tablets/notebook, scanners & iris scanners, wireless keyboards, telephone answering machines, set top box, automatic data processing machine(ADP),	Safety interlocks	Cl. 2.8, IS 13252 (Part 1): 2010, +A1:2013 +A2:2015, RAF: 2019, IEC 60950-1:2005+A1:2009+A2:2013
94.		Touch current and protective conductor current	Cl. 5.1, IS 13252 (Part 1): 2010, +A1:2013 +A2:2015, RAF: 2019, IEC 60950-1:2005+A1:2009+A2:20013

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	<b>IT Equipment</b>		
95.	power adaptors for it equipment, mobile phones, cash registers, point of sale terminals, copying machines/duplicators, smart card readers, mail processing machines/postage machines/franking machines, passport reader, power bank for use in portable applications, CCTV camera/CCTV recorder, USB driven barcode readers, barcode scanners, optical finger print scanner, smart watch, switching mode power supply with output voltage 48v max., keyboard, automatic teller cash dispensing machine, USB type external solid state storage device (above 256GB capacity, digital camera, video camera	Protection of telecommunication network service persons, and users of other equipment connected to the network, from hazards in the equipment	Cl. 6.1, IS 13252 (Part 1): 2010, +A1:2013 +A2:2015, RAF: 2019, IEC 60950-1:2005+A1:2009+A2:2013
96.		Protection of equipment users from over voltages on networks telecommunication	Cl. 6.2, IS 13252 (Part 1): 2010, +A1:2013 +A2:2015, RAF: 2019, IEC 60950-1:2005+A1:2009+A2:2013
97.		Protection of the telecommunication wiring	Cl. 6.3, IS 13252 (Part 1): 2010, +A1:2013 +A2:2015, RAF: 2019, IEC
98.		Connection to cable distribution systems	Cl. 7, IS 13252 (Part 1): 2010, +A1:2013 +A2:2015, RAF: 2019, IEC 60950-1:2005+A1:2009+A2:2013
99.		General requirements	Cl. 7.1, IS 13252 (Part 1): 2010, +A1:2013 +A2:2015, RAF: 2019, IEC 60950-1:2005+A1:2009+A2:2013
100.		Protection of cable distribution system service persons, and users of other equipment connected to the system, from hazardous voltages in the equipment	Cl. 7.2, IS 13252 (Part 1): 2010, +A1:2013 +A2:2015, RAF: 2019, IEC 60950-1:2005+A1:2009+A2:2013
101.		Protection of equipment users from over voltages on the cable distribution system)	Cl. 7.3, IS 13252 (Part 1): 2010, +A1:2013 +A2:2015, RAF: 2019, IEC 60950-1:2005+A1:2009+A2:2013

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Electronic Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	IT Equipment		
102.		Insulation between primary circuits and cable distribution systems	Cl. 7.4, IS 13252 (Part 1): 2010, +A1:2013 +A2:2015, RAF: 2019, IEC 60950-1:2005+A1:2009+A2:2013



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Electronic Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	<b>Domestic Electronic Appliances &amp; Accessories</b>		
1.	LED Display / TV	Luminance	Cl. 6.5, IEC 62087-1, Cl. 6.5, IEC 62087-3: 2015
2.		Luminance	Cl.5 of BEE Schedule 11 & Cl. 4 of BEE Schedule 26, Cl. 5.1.7, IEC 62087-1: 2015
3.		Luminance	Cl.5 of BEE Schedule 11 & Cl. 4 of BEE Schedule 26, Cl. 6.5, IEC 62087-3: 2015
4.		Measurement of power consumption in, partial on mode	Cl.5 of BEE Schedule 11 & Cl. 4 of BEE Schedule 26, Cl. 6.6 of IEC 62087-3: 2015
5.		Measurement of power consumption in Off mode	Cl.5 of BEE Schedule 11 & Cl. 4 of BEE Schedule 26, Cl. 6.7 of IEC 62087-3: 2015
6.		On mode power consumption	Cl. 6.4, IEC 62087-3: 2015 BEE Schedule 11, BEE Schedule 26
7.		On mode power consumption	Cl.5 of BEE Schedule 11 & Cl. 4 of BEE Schedule 26, Cl. 6.4, IEC 62087-1: 2015
8.		On mode power consumption	Cl.5 of BEE Schedule 11 & Cl. 4 of BEE Schedule 26, Cl. 6.4, IEC 62087-1: 2015

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QAI/CIA/TL/2024/0047

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Electronic Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	<b>Domestic Electronic Appliances &amp; Accessories</b>		
9.		On mode power consumption	Cl.5 of BEE Schedule 11 & Cl. 4 of BEE Schedule 26, Cl. 6.4, IEC 62087-3: 2015
10.		Standby mode power consumption, standby passive mode	Cl.5 of BEE Schedule 11 & Cl. 4 of BEE Schedule 26, Cl. 5.3 IEC 62301: 2011
11.		Standby mode power consumption, standby active low mode	Cl.5 of BEE Schedule 11 & Cl. 4 of BEE Schedule 26, Cl. 5.3 IEC 62301: 2011
12.	AC to DC, DC to DC external power adapter	Energy efficiency	IEC 62301 Ed. 2: 2011
13.		Energy Efficiency	IEC 62301 Ed. 2: 2011
14.	AC to DC, DC to DC Power Supply	Energy Efficiency	IEC 62301 Ed. 2: 2011
15.		Energy Efficiency	IEC 62301 Ed. 2: 2011
16.	Desktop, Laptop, Computer Notebook Computer	Power Measurement -Off Mode -Sleep Mode -Idle State	IEC 62301: 2011 BEE Schedule 14
17.		Power Measurement -off mode -sleep mode -idle state	IEC 62301: 2011 BEE Schedule 14
18.		Power Measurement -off mode -sleep mode -idle state	IEC 62623: 2012 BEE Schedule 14
19.		Power Measurement -off mode -sleep mode -idle state	IEC 62623: 2012 BEE Schedule 14

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Electronic Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	<b>Domestic Electronic Appliances &amp; Accessories</b>		
20.	Digital Television Receiver for Satellite Broadcast	DisEqC	Cl.3.4(vii) of IS 18112: 2022
21.	Transmission - Specification	Marking	Cl.4.1 of IS 18112: 2022
22.		Operating ambient temperature range	Cl.3.4(viii) of IS 18112: 2022
23.		Operating Humidity Range	Cl.3.4(ix) of IS 18112: 2022
24.		Power consumption	Cl.3.4(x) of IS 18112: 2022
25.		RF characteristics to be supported by the DTV receiver	Cl.3.4(ii) of IS 18112: 2022
26.		RF input return loss	Cl.3.4(vi) of IS 18112: 2022
27.		Satellite DTV: DVB-S tuner performance characteristics	Cl.3.4(iii) of IS 18112: 2022
28.		Satellite DTV: DVB-S2 tuner performance characteristics	Cl.3.4(iv) of IS 18112: 2022
29.		Symbol rate	Cl.3.4(v) of IS 18112: 2022
30.	Laptop desktop Computer / Notebook computer external Power Adapter Battery Charger, Audio Equipment	Standby mode power consumption	Cl.5 BEE Schedule 11, Cl. 4, Cl.5 BEE Schedule 14, IEC 62301: 2011 BEE Schedule 16
31.	Combination Unit (TV and DVD, VCR and DVD) office equipment (Printers,	Standby mode power consumption	Cl.5 BEE Schedule 11, Cl. 4, Cl.5 BEE Schedule 14, IEC 62301: 2011 BEE Schedule 16

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Electronic Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	<b>Domestic Electronic Appliances &amp; Accessories</b>		
32.	Scanners, Copiers, Fax Machines and Multifunction Devices)	Standby mode power consumption	Cl.5 BEE Schedule 11, Cl. 4, Cl.5 BEE Schedule 14, IEC 62301: 2011 BEE Schedule 16
33.		Standby Mode Power Consumption	Cl.5 BEE Schedule 11, Cl. 4, Cl.5 BEE Schedule 14, IEC 62301: 2011 BEE Schedule 16
34.	Office Equipment (Printers, Scanners, Copiers, Fax Machines and Multifunction Devices)	Power measurement in on mode, off mode, sleep mode	IEC 62301 Ed 2: 2011 BEE Schedule 16
35.		Power Measurement in on mode, off mode, sleep mode	IEC 62301 Ed 2: 2011 BEE Schedule 16
36.	Digital television receiver for satellite broadcast transmission - specification	Performance requirements	Cl.3.4 table-2 (ii) of IS 18112: 2022
37.		Specifications	Cl.3.3 of IS 18112: 2022
38.		Safety requirements	Cl.3.5 of IS 18112: 2022
39.		Marking	Cl.4 of IS 18112: 2022
40.		Operating life test	Cl.5 of IS 18112: 2022
41.		Basic DTV receiver profile hardware specification	Cl.3.1 table-1 (i) a) of IS 18112: 2022
42.		Decompression and decoding of sdtv video	Cl.3.1 table-1 (i) b) of IS 18112: 2022

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Electronic Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	<b>Domestic Electronic Appliances &amp; Accessories</b>		
43.		Decompression and decoding of hdtv video	Cl.3.1 table-1 (i) c) of IS 18112: 2022
44.		Decompression and decoding of audio	Cl.3.1 table-1 (i) d) of IS 18112: 2022
45.		Active format descriptors	Cl.3.1 table-1 (i) e) of IS 18112: 2022
46.		Captioning and sub-titling	Cl.3.1 table-1 (i) f) of IS 18112: 2022
47.		Teletext	Cl.3.1 table-1 (i) g) of IS 18112: 2022
48.		Multi-language support	Cl.3.1 table-1 (i) h) of IS 18112: 2022
49.		DTV receiver mixed audio description	Cl.3.1 table-1 (i) j) of IS 18112: 2022
50.		Broadcast mixed audio description	Cl.3.1 table-1 (i) k) of IS 18112: 2022
51.		Service demultiplexing	Cl.3.1 table-1 (i) m) of IS 18112: 2022
52.		Data services	Cl.3.1 table-1 (i) n) of IS 18112: 2022
53.		OSD	Cl.3.1 table-1 (i) p) of IS 18112: 2022
54.		DTV receiver character set	Cl.3.1 table-1 (i) q) of IS 18112: 2022

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	<b>Domestic Electronic Appliances &amp; Accessories</b>		
55.		Electronic service guide (ESG) 'now/next'	Cl.3.1 table-1 (i) r) of IS 18112: 2022
56.		Time	Cl.3.1 table-1 (i) s) of IS 18112: 2022
57.		Digital tv output	Cl.3.1 table-1 (i) t) of IS 18112: 2022
58.		Frequency	Cl.3.4 table-2 (i) b) of IS 18112: 2022
59.		Electrical specifications input voltage range	Cl.3.4 table-2 (i) a) of IS 18112: 2022
60.		Digital satellite reception demodulation and FEC decoding	Cl.3.1 table-1 (ii) a) of IS 18112: 2022
61.		DTV receiver installation	Cl.3.1 table-1 (ii) b) of IS 18112: 2022
62.		Network evolution	Cl.3.1 table-1 (ii) c) of IS 18112: 2022
63.		RF input impedance	Cl.3.4 table-2 (iii) c) of IS 18112: 2022
64.		Services available	Cl.3.1 table-1 (ii) d) of IS 18112: 2022
65.		Selection via service list	Cl.3.1 table-1 (ii) e) of IS 18112: 2022
66.		Selection via numeric entry	Cl.3.1 table-1 (ii) f) of IS 18112: 2022

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	<b>Domestic Electronic Appliances &amp; Accessories</b>		
67.		Favorite channel list	Cl.3.1 table-1 (ii) g) of IS 18112: 2022
68.		Hidden services	Cl.3.1 table-1 (ii) h) of IS 18112: 2022
69.		Input frequency range	Cl.3.4 table-2 (iii) b) of IS 18112: 2022
70.		Logical channel number for satellite services	Cl.3.1 table-1 (ii) j) of IS 18112: 2022
71.		RF input signal	Cl.3.1 table-1 (ii) k) of IS 18112: 2022
72.		LNB supply current	Cl.3.1 table-1 (ii) m) of IS 18112: 2022
73.	Digital television receiver for satellite broadcast transmission - specification	LNB supply voltage	Cl.3.1 table-1 (ii) n) of IS 18112: 2022
74.		LNB control	Cl.3.1 table-1 (ii) p) of IS 18112: 2022
75.		Modulation/demodulation parameters for DVB-S & DVB-S2	Cl.3.1 table-1 (ii) q) of IS 18112: 2022
76.		Satellite DTB: DVB-S tuner performance characteristics input level per a carrier	Cl.3.4 table-2 (iii) a) of IS 18112: 2022
77.		Rf input impedance	Cl.3.4 table-2 (iv) c) of IS 18112: 2022

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Electronic Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	<b>Domestic Electronic Appliances &amp; Accessories</b>		
78.	Digital television receiver for satellite broadcast transmission - specification	Input frequency range	Cl.3.4 table-2 (iv) b) of IS 18112: 2022
79.		Satellite DTV: DVB-S2 tuner performance characteristics input level per carrier	Cl.3.4 table-2 (iv) a) of IS 18112: 2022
80.		Symbol rate	Cl.3.4 table-2 (v) of IS 18112: 2022
81.		RF input return loss	Cl.3.4 table-2 (vi) of IS 18112: 2022
82.		DisEqC	Cl.3.4 table-2 (vii) of IS 18112: 2022
83.		Operating ambient temperature range	Cl.3.4 table-2 (viii) of IS 18112: 2022
84.		Operating humidity range	Cl.3.4 table-2 (ix) of IS 18112: 2022
85.		Power consumption	Cl.3.4 table-2 (x) of IS 18112: 2022
86.		Connectors: interfaces, connectors	Cl.3.1 Table-1 (iii) a) of IS 18112: 2022
87.		Maintenance and upgrade automatic software upgrade Mechanism	Cl.3.1 Table-1 (iv) of IS 18112: 2022

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Electronic Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electronic Appliances & Accessories		
88.		User information remote control	Cl.3.1 Table-1 (v) a) of IS 18112: 2022
89.		Easy to use and simple documentation	Cl.3.1 Table-1 (v) b) of IS 18112: 2022
90.		Support package	Cl.3.1 Table-1 (v) c) of IS 18112: 2022

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Electronic Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	<b>EMC Test Facility</b>		
1.	Data transmission equipment operating in the 2,4 GHz ISM band	Accumulated transmit time, frequency occupation and hopping sequence	ETSI EN 300 328 V2.2.2 (2019-07) Clause No.: 4.3.1.4 & 5.4.4: 2019
2.	Data transmission equipment operating in the 2,4 GHz ISM band	Hopping frequency separation	ETSI EN 300 328 V2.2.2 (2019-07) Clause No.: 4.3.1.5 & 5.4.5: 2019
3.	Data transmission equipment operating in the 2,4 GHz ISM band	Occupied channel bandwidth	ETSI EN 300 328 V2.2.2 (2019-07) Clause No.: 4.3.1.8, 4.3.2.7 & 5.4.7: 2019
4.	Data transmission equipment operating in the 2,4 GHz ISM band	Power spectral density (Conductive only)	ETSI EN 300 328 V2.2.2 (2019-07) Clause No.: 4.3.2.3 & 5.4.3: 2019
5.	Data transmission equipment operating in the 2,4 GHz ISM band	Transmitter unwanted emission in OOB domain	ETSI EN 300 328 V2.2.2 (2019-07) Clause No.: 4.3.1.9, 4.3.2.8 & 5.4.8.2.1: 2019
6.	Data transmission equipment operating in the 2,4 GHz ISM band	Transmitter unwanted emissions in the spurious domain	ETSI EN 300 328 V2.2.2 (2019-07) Clause No.: 4.3.1.10, 4.3.2.9 & 5.4.9.2.1: 2019
7.	Data transmission equipment operating in the 2,4 GHz ISM band	RF Output Power (Conductive only)	ETSI EN 300 328 V2.2.2 (2019-07) Clause No.: 4.3.1.2, 4.3.2.2 & 5.4.2: 2019

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Electronic Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	<b>EMC Test Facility</b>		
8.	Radio equipment in the frequency range 9 kHz to 25 MHz and inductive loop systems in the frequency range 9 kHz to 30 MHz	Transmitter conducted spurious emissions	ETSI EN 300 330 V2.1.1 (2017-02) Clause 4.3.7: 2017
9.	Radio equipment in the frequency range 9 kHz to 25 MHz and inductive loop systems in the frequency range 9 kHz to 30 MHz (NFC)	Modulation bandwidth	ETSI EN 300 330 V2.1.1 (2017-02) Clause 4.3.3: 2017
10.	Radio equipment in the frequency range 9 kHz to 25 MHz and inductive loop systems in the frequency range 9 kHz to 30 MHz (NFC)	Operating frequency ranges	ETSI EN 300 330 V2.1.1 (2017-02) Clause 4.3.2: 2017
11.	Radio equipment in the frequency range 9 kHz to 25 MHz and inductive loop systems in the frequency range 9 kHz to 30 MHz (NFC)	Permitted range of operating frequencies	ETSI EN 300 330 V2.1.1 (2017-02) Clause 4.3.1: 2017
12.	Radio equipment in the frequency range 9 kHz to 25 MHz and inductive loop systems in the frequency range 9 kHz to 30 MHz (NFC)	Transmitter frequency stability	ETSI EN 300 330 V2.1.1 (2017-02) Clause 4.3.10: 2017

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Electronic Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	<b>EMC Test Facility</b>		
13.	Short range devices (SRD) operating in the frequency range 25 MHz to 1000 MHz	Adjacent channel power	ETSI EN 300 220-1 V3.1.1 (2017-02) Clause 5.11: 2017
14.	Short range devices (SRD) operating in the frequency range 25 MHz to 1000 MHz	Adjacent channel power	ETSI EN 300 220-2 V3.2.1 (2018-06) Clause 4.3.7: 2018
15.	Short range devices (SRD) operating in the frequency range 25 MHz to 1000 MHz	FHSS equipment	ETSI EN 300 220-2 V3.2.1 (2018-06) Clause 4.3.10: 2018
16.	Short range devices (SRD) operating in the frequency range 25 MHz to 1000 MHz	TX behavior under low voltage conditions	ETSI EN 300 220-2 V3.2.1 (2018-06) Clause 4.3.8: 2018
17.	Short range devices (SRD) operating in the frequency range 25 MHz to 1000 MHz	Effective Radiated power (Conducted measurement)	ETSI EN 300 220-1 V3.1.1 (2017-02) Clause 5.2: 2017
18.	Short range devices (SRD) operating in the frequency range 25 MHz to 1000 MHz	Effective Radiated Power (Conducted measurement)	ETSI EN 300 220-2 V3.2.1 (2018-06) Clause 4.3.1: 2018
19.	Short range devices (SRD) operating in the frequency range 25 MHz to 1000 MHz	Frequency error (Conducted measurement)	ETSI EN 300 220-1 V3.1.1 (2017-02) Clause 5.7: 2017

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Electronic Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	<b>EMC Test Facility</b>		
20.	Short range devices (SRD) operating in the frequency range 25 MHz to 1000 MHz	Maximum E.R.P spectral density	ETSI EN 300 220-1 V3.1.1 (2017-02) Clause 5.3: 2017
21.	Short Range Devices (SRD) operating in the frequency range 25 MHz to 1000 MHz	Maximum E.R.P spectral density	ETSI EN 300 220-2 V3.2.1 (2018-06) Clause 4.3.2: 2018
22.	Short Range Devices (SRD) operating in the frequency range 25 MHz to 1000 MHz	Occupied bandwidth	ETSI EN 300 220-2 V3.2.1 (2018-06) Clause 4.3.4: 2018
23.	Short Range Devices (SRD) operating in the frequency range 25 MHz to 1000 MHz	Occupied bandwidth (Conducted measurement)	ETSI EN 300 220-1 V3.1.1 (2017-02) Clause 5.6: 2017
24.	Short Range Devices (SRD) operating in the frequency range 25 MHz to 1000 MHz	Operating frequency	ETSI EN 300 220-1 V3.1.1 (2017-02) Clause 5.1: 2017
25.	Short Range Devices (SRD) operating in the frequency range 25 MHz to 1000 MHz	Operating frequency	ETSI EN 300 220-2 V3.2.1 (2018-06) Clause 4.2.1: 2018
26.	Short Range Devices (SRD) operating in the frequency range 25 MHz to 1000 MHz	Transient power	ETSI EN 300 220-1 V3.1.1 (2017-02) Clause 5.10: 2017

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Electronic Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	<b>EMC Test Facility</b>		
27.	Short Range Devices (SRD) operating in the frequency range 25 MHz to 1000 MHz	Transient Power	ETSI EN 300 220-2 V3.2.1 (2018-06) Clause 4.3.6: 2018
28.	Short Range Devices (SRD) operating in the frequency range 25 MHz to 1000 MHz	TX behaviour under Low Voltage Conditions	ETSI EN 300 220-1 V3.1.1 (2017-02) Clause 5.12: 2017
29.	Short range devices (SRD); Radio equipment in the frequency range 9 kHz to 25 MHz and inductive loop systems in the frequency range 9 kHz to 30 MHz	Transmitter H-field requirements	ETSI EN 300 330 V2.1.1 Clause 4.3.4: 2017
30.	Any electrical/ electronic product	Electrical fast transient/burst immunity test	IEC 61000-4-4: 2012, IS 14700 (Part 4/Sec 4) IEC/EN 61547:2009
31.	Any electrical/ electronic product	Surge Immunity Test	IEC 61000-4-5: 2014, IS 14700 (Part 4/Sec 5) IEC/EN 61547:2009
32.	Any Electrical/Electronic Product	Electrostatic discharge immunity test	IEC/EN 61000-4-2: 2008, IS 14700 (Part 4/Sec 2:2018), IEC/EN 61547:2009
33.	Any Electrical/Electronic Product	Voltage dips, short interruptions and voltage variations immunity tests for equipment with input current up to 20 A per phase	IEC/EN 61000-4-11: 2020, IS 14700 (Part 4/Sec 11); IEC/EN 61547:2009

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Electronic Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	EMC Test Facility		
34.	Any Electrical/Electronic Product	(Harmonics and interharmonics including mains signalling at A.C. power port, low frequency immunity tests), Flicker	IEC/EN 61000-4-13: 2002, IEC 61000-3-2:2018+A1:2020, IEC61000-3-3:2013+ A1:2017 +A2:2021; IEC/EN 61547:2009

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Gas Stove Use with LPG		
1.	Domestic Gas Stove use with LPG	General requirements	Cl. 4, IS 4246: 2002+A1 to A5, BEE Schedule 9
2.		Material	Cl. 5, IS 4246: 2002 +A1 to A5, BEE Schedule 9
3.		Design for maintenance	Cl. 6, IS 4246: 2002 +A1 to A5, BEE Schedule 9
4.		Rigidity & Stability	Cl. 7, IS 4246: 2002 +A1 to A5, BEE Schedule 9
5.		Workmanship and finishing	Cl. 8, IS 4246: 2002 +A1 to A5, BEE Schedule 9
6.		Gas taps	Cl. 9, IS 4246: 2002 +A1 to A5, BEE Schedule 9
7.		Injector jet	Cl. 10, IS 4246: 2002 +A1 to A5, BEE Schedule 9
8.		Burners	Cl. 11, IS 4246: 2002 +A1 to A5, BEE Schedule 9
9.		Burner pan supports	Cl. 12, IS 4246: 2002 +A1 to A5, BEE Schedule 9
10.		Gas soundness	Cl. 13, IS 4246: 2002 +A1 to A5, BEE Schedule 9

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# Quality And Accreditation Institute

## Centre for International Accreditation

(formerly Centre for Laboratory Accreditation)



Scope of Accreditation

*Classic Testing & Research Centre*

B-17, Sector-65,

Noida-201301, Uttar Pradesh, India

QAI/CIA/TL/2024/0047

Valid from: 08 March 2024

\*Scope Amended w.e.f.: 04 September 2025

Valid until: 07 March 2026

Accreditation Standard: ISO/IEC 17025:2017

Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Gas Stove Use with LPG		
11.		Gas inlet connections	Cl. 14, IS 4246: 2002 +A1 to A5, BEE Schedule 9
12.		Strength and rigidity	Cl. 15, IS 4246: 2002 +A1 to A5, BEE Schedule 9
13.		General conditions of test	Cl. 16, IS 4246: 2002 +A1 to A5, BEE Schedule 9
14.		Gas consumption	Cl. 17, IS 4246: 2002 +A1 to A5, BEE Schedule 9; Cl. 17, IS 4246: 2025
15.		Ignition and flame travel	Cl. 18, IS 4246: 2002 +A1 to A5, BEE Schedule 9
16.		Flame stability	Cl. 19, IS 4246: 2002 +A1 to A5, BEE Schedule 9
17.		Noise control	Cl. 20, IS 4246: 2002 +A1 to A5, BEE Schedule 9
18.		Flash back	Cl. 21, IS 4246: 2002 +A1 to A5, BEE Schedule 9
19.		Formation of soot	Cl. 22, IS 4246: 2002 +A1 to A5, BEE Schedule 9
20.		Resistance to draught	Cl. 23, IS 4246: 2002 +A1 to A5, BEE Schedule 9
21.		Combustion	Cl. 24, IS 4246: 2002 +A1 to A5, BEE Schedule 9

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Gas Stove Use with LPG		
22.		Fire hazard and limiting temperatures	Cl. 25, IS 4246: 2002 +A1 to A5, BEE Schedule 9; Cl. 25, IS 4246: 2025
23.		Thermal efficiency	Cl. 26, IS 4246: 2002 +A1 to A5, BEE Schedule 9; Cl. 26, IS 4246: 2025
24.		Flash back test for materials of burners	Cl. 27.1 (c), IS 4246: 2002+A1 to A5
25.		Floor, wall, ceiling and surface temperatures	Cl. 27.1 (g), IS 4246: 2002+A1 to A5
26.		Instructions	Cl. 28, IS 4246: 2002+A1 to A5
27.		Marking	Cl. 29, IS 4246: 2002+A1 to A5
28.	Instantaneous domestic water heater for use with LPG	General requirements	Cl.4, IS 15558 :2005
29.		Material	Cl.5, IS 15558: 2005
30.		Mercurous nitrate test (Season cracking test)	Cl.5.2, IS 15558: 2005
31.		Determination of swelling of non-metallic materials (Immersion Test)	Cl. 5.3, IS 15558: 2005
32.		Connections	Cl.6, IS 15558: 2005
33.		Connections (Gas connection tube measurement)	Cl. 6.3, IS 15558: 2005
34.		Gas Inlet connections	Cl. 6.6, IS 15558 :2005

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Gas Stove Use with LPG		
35.		Gas inlet connections (Thread & dimension measurement)	Cl. 6.6, IS 15558 :2005
36.		Flame visibility	Cl.7, IS 15558: 2005
37.		Gas taps	Cl.8, IS 15558: 2005
38.		Flame failure device	Cl.9, IS 15558: 2005
39.		Ignition device	Cl.10, IS 15558: 2005
40.		Protection against accidental overheating	Cl.11, IS 15558: 2005
41.		Water rate adjuster	Cl.12, IS 15558: 2005
42.		General conditions of test	Cl.13, IS 15558: 2005
43.		Gas soundness	Cl.14, IS 15558: 2005
44.		Water soundness	Cl.15, IS 15558: 2005
45.		Thermal efficiency	Cl.16, IS 15558: 2005
46.		Combustion	Cl.17, IS 15558: 2005
47.		Gas consumption	Cl.18, IS 15558 :2005
48.		Ignition and flame travel	Cl.19, IS 15558: 2005
49.		Flame stability	Cl.20, IS 15558: 2005

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Gas Stove Use with LPG		
50.		Noise control	Cl.21, IS 15558: 2005
51.		Flash-back	Cl.22, IS 15558: 2005
52.		Resistance to draught	Cl.23, IS 15558: 2005
53.		Fire hazard and limiting temperature	Cl.24, IS 15558 :2005
54.		Time for temperature rise	Cl.25, IS 15558: 2005
55.		Instructions	Cl.26, IS 15558: 2005
56.		Marking	Cl.27, IS 15558: 2005
57.		Packing	Cl.28, IS 15558: 2005

\*Note:

### Scope Extension 1

Following scope of accreditation is extended w.e.f. **05 August 2024**:

#### 1. Electrical Testing-

- Domestic Electrical Appliances- Sl. No.203-495 (Page No. 19-44)
- Lamps, luminaries & Accessories- Sl. No. 405-425 (Page No. 182-184)
- Safety Testing Facility-Sl. No. 856-1348 (Page No. 240-305)
- Cells & Batteries- Sl. No. 217-319 (Page No. 327-335)

#### 2. Electronic Testing

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*Scope of Accreditation*  
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QAI/CIA/TL/2024/0047

Valid from: 08 March 2024  
\*Scope Amended w.e.f.: 04 September 2025  
Valid until: 07 March 2026

*Accreditation Standard: ISO/IEC 17025:2017*

- Audio Equipment-Sl. No. 58-111 (Page No. 341-346)
- IT Equipment-Sl. No. 92-102 (Page No. 367-369)
- Domestic Electronic Appliances Accessories-Sl. NO. 36-90 (Page No. 373-378)

## **Scope Amendment 1:**

Following scope of accreditation has been amended w.e.f. **12 November 2024**

- **Amendments have been made in the tests at the following serial numbers:**

### **1. Electrical Testing**

- **Domestic Electrical Appliances**

S. No. 1 to 29, 44 to 121, 123, 128, 132, 134, 136, 140, 147, 150, 157 to 202, 243 to 255, 345 to 354, 356 to 369, 381 to 389 (Page No. 1-36)

- **Safety Testing Facility**

S. No. 1, 2, 6, 7, 9, 11, 12, 16, 17, 20, 22, 24, 26, 30, 31, 32, 34, 36, 38, 41, 42, 45, 47, 49, 52, 53, 55, 57, 59, 61, 63, 65, 68, 69, 71, 73, 75, 77, 79, 81, 83, 87, 88, 89, 91, 93, 95, 98, 99, 101, 103, 105, 108, 109, 111, 113, 115, 166, 168, 169, 173, 174, 176, 178, 180, 182, 184, 186, 188, 190, 192, 193, 194, 198, 200, 202, 204, 205, 208, 210, 214, 215, 218, 220, 222, 224, 225, 229, 230, 232, 234, 236, 238, 239 to 277, 359, 363, 364, 365, 367, 369, 370, 374, 375, 377, 379, 381, 384, 385, 387, 389, 421, 423, 426, 427, 429, 431, 432, 435, 437, 439, 441, 443, 445, 447, 449, 450, 451, 455, 457, 459, 461, 462, 465, 467, 469, 471, 472, 475, 477, 600, 603, 605, 606, 608 to 653, 655, 656, 658, 662, 663, 665, 667, 670, 672, 674, 676, 680 to 683, 686, 688, 691, 692, 694, 696, 698, 701, 702, 704, 706, 708, 710, 712, 714, 716, 718, 720, 722, 724, 726, 728, 730, 732, 734, 736, 738, 740, 742, 744, 746, 748, 750, 752, 746, 748, 750, 752, 755, 758, 759, 761, 763, 765, 767, 769, 771, 773, 775, 777, 779, 783, 784, 785, 787, 789, 792, 793, 795, 797, 799, 802, 803, 805, 807, 862, 863, 864, 865, 866, 867, 868, 869, 870, 871, 1312 to 1332, 1335 to 1348 (Page No. 185-305)



# Quality And Accreditation Institute Centre for International Accreditation

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*Scope of Accreditation*  
*Classic Testing & Research Centre*  
B-17, Sector-65,  
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QAI/CIA/TL/2024/0047

Valid from: 08 March 2024  
\*Scope Amended w.e.f.: 04 September 2025  
Valid until: 07 March 2026

Accreditation Standard: ISO/IEC 17025:2017

## 2. Mechanical Testing

- Domestic Gas Stove Use with LPG  
S. No. 1 to 27 (Page No. 385-387)

## 3. Electronic Testing:

- IT Equipment  
S. No. 57 to 92 (Page No. 363-367)
- Domestic Electronic Appliances & Accessories  
S. No. 6, 16 to 19, 30 to 35 (Page No. 370-373)

- Version updates have been done in the tests at the following serial numbers:

### 1. Electrical Testing

- Domestic Electrical Appliances  
S. No. 496-589 (Page No. 44-52)
- Safety Testing Facility  
S. No. 859, 860, 861, 865, 866, 867, 868, 869, 870, 871 (Page No. 240-242)

### 2. Electronic Testing

- EMC Test Facility  
S. No. 32 to 34 (Page No. 383-384)



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Valid from: 08 March 2024

\*Scope Amended w.e.f.: 04 September 2025

Valid until: 07 March 2026

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## **Scope Extension and Amendment 2**

- Following scope of accreditation is extended and amended w.e.f. **04 September 2025**:
  - 1. Electrical Testing-**
    - Domestic Electrical Appliances- Sl. No.590-948 (Page No.52-155)
    - Rotating Electrical Machine - Sl. No.1-33 (Page No.336-338)
  - 2. Electronics Testing-**
    - Audio Equipment Sl. No. 112-177 (Page No.352-358)
- Updated version of the standard has been added in the following serial numbers:
  - 1. Mechanical Testing-**
    - Domestic Gas Stove Use with LPG- Sl. No.14, 22, 23 (Page No.386-387)

