

# Quality And Accreditation Institute

## Centre for International Accreditation

(formerly Centre for Laboratory Accreditation)



### Certificate of Accreditation

#### **Global Scientific Solutions Private Limited**

Plot No.-37, Pocket-N, Sector-2, DSIIIDC Industrial Area,

Bawana, Delhi – 110039, 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/2025/0117**

Valid from: 10 May 2025

Valid until: 09 May 2027

**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.	Room heater	Classification	Cl.6 of IS 302-2-30:2007
2.		Marking and instruction	Cl.7 of IS 302-2-30:2007
3.		Protection against access to live parts	Cl.8 of IS 302-2-30:2007
4.		Starting of motor-operated appliances	Cl.9 of IS 302-2-30:2007
5.		Power input and current	Cl.10 of IS 302-2-30:2007
6.		Heating	Cl.11 of IS 302-2-30:2007
7.		Leakage current and electric strength at operating temperature	Cl.13 of IS 302-2-30:2007
8.		Transient over voltage	Cl.14 of IS 302-2-30:2007
9.		Moisture resistance	Cl.15 of IS 302-2-30:2007
10.		Leakage current and electric strength	Cl.16 of IS 302-2-30:2007
11.		Abnormal operation	Cl.19 of IS 302-2-30:2007
12.		Stability and mechanical hazards	Cl.20 of IS 302-2-30:2007
13.		Mechanical strength	Cl.21 of IS 302-2-30:2007
14.		Construction	Cl.22 of IS 302-2-30:2007
15.		Internal wiring	Cl.23 of IS 302-2-30:2007

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	<b>Domestic Electrical Appliances</b>		
16.		Components	CI.24 of IS 302-2-30:2007
17.		Supply connection and external flexible cord	CI.25 of IS 302-2-30:2007
18.		Terminal for external conductors	CI.26 of IS 302-2-30:2007
19.		Provision for earthing	CI.27 of IS 302-2-30:2007
20.		Screws and connections	CI.28 of IS 302-2-30:2007
21.		Clearances, creepage distances and solid insulation	CI.29 of IS 302-2-30:2007
22.		Resistance to heat and fire	CI.30 of IS 302-2-30:2007
23.		Resistance to rusting	CI.31 of IS 302-2-30:2007
24.		Radiation, toxicity and similar hazards	CI.32 of IS 302-2-30:2007
25.	<b>Appliances for heating liquids</b>	Classification	CI.6 of IS 302-2-15:2009
26.		Marking and instruction	CI.7 of IS 302-2-15:2009
27.		Protection against access to live parts	CI.8 of IS 302-2-15:2009
28.		Power input and current	CI.10 of IS 302-2-15:2009
29.		Heating	CI.11 of IS 302-2-15:2009
30.		Leakage current and electric strength at operating	CI.13 of IS 302-2-15:2009

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
31.		Transient over voltage	Cl.14 of IS 302-2-15:2009
32.		Moisture resistance	Cl.15 of IS 302-2-15:2009
33.		Leakage current and electric strength	Cl.16 of IS 302-2-15:2009
34.		Overload protection of transformers associated circuits	Cl.17 of IS 302-2-15:2009
35.		Abnormal operation	Cl.19 of IS 302-2-15:2009
36.		Stability and mechanical hazards	Cl.20 of IS 302-2-15:2009
37.		Mechanical strength	Cl.21 of IS 302-2-15:2009
38.		Construction	Cl.22 of IS 302-2-15:2009
39.		Internal wiring	Cl.23 of IS 302-2-15:2009
40.		Components	Cl.24 of IS 302-2-15:2009
41.		Supply connection and external flexible Cord	Cl.25 of IS 302-2-15:2009
42.		Terminal for external Conductors	Cl.26 of IS 302-2-15:2009
43.		Provision for earthing	Cl.27 of IS 302-2-15:2009
44.		Screws and connections	Cl.28 of IS 302-2-15:2009
45.		Clearances, creepage distances and solid insulation	Cl.29 of IS 302-2-15:2009

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	<b>Domestic Electrical Appliances</b>		
46.		Resistance to heat and fire	CI.30 of IS 302-2-15:2009
47.		Resistance to rusting	CI.31 of IS 302-2-15:2009
48.		Radiation, toxicity and similar hazards	CI.32 of IS 302-2-15:2009
49.	Toasters, grills, roasters and similar appliances	Classification	CI.6 of IS 302-2-9:2009
50.		Marking and instruction	CI.7 of IS 302-2-9:2009
51.		Protection against access to live parts	CI.8 of IS 302-2-9:2009
52.		Power input and current	CI.10 of IS 302-2-9:2009
53.		Heating	CI.11 of IS 302-2-9:2009
54.		Leakage current and electric strength at operating temperature	CI.13 of IS 302-2-9:2009
55.		Transient over voltage	CI.14 of IS 302-2-9:2009
56.		Moisture resistance	CI.15 of IS 302-2-9:2009
57.		Leakage current and electric strength	CI.16 of IS 302-2-9:2009
58.		Overload protection of transformers associated circuits	CI.17 of IS 302-2-9:2009
59.		Abnormal operation	CI.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>Domestic Electrical Appliances</b>		
60.		Stability and mechanical hazards	Cl.20 of IS 302-2-9:2009
61.		Mechanical strength	Cl.21 of IS 302-2-9:2009
62.		Construction	Cl.22 of IS 302-2-9:2009
63.		Internal wiring	Cl.23 of IS 302-2-9:2009
64.		Components	Cl.24 of IS 302-2-9:2009
65.		Supply connection and external flexible cord	Cl.25 of IS 302-2-9:2009
66.		Terminal for external conductors	Cl.26 of IS 302-2-9:2009
67.		Provision for earthing	Cl.27 of IS 302-2-9:2009
68.		Screws and connections	Cl.28 of IS 302-2-9:2009
69.		Clearances, creepage distances and solid insulation	Cl.29 of IS 302-2-9:2009
70.		Resistance to heat and fire	Cl.30 of IS 302-2-9:2009
71.		Resistance to rusting	Cl.31 of IS 302-2-9:2009
72.		Radiation, toxicity and similar hazards	Cl.32 of IS 302-2-9:2009
73.	Induction hobs	Classification	Cl.6 of IS 302-2-6:2009
74.		Marking and instruction	Cl.7 of IS 302-2-6:2009

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
75.		Protection against access to live parts	Cl.8 of IS 302-2-6:2009
76.		Power input and current	Cl.10 of IS 302-2-6:2009
77.		Heating	Cl.11 of IS 302-2-6:2009
78.		Leakage current and electric strength at operating	Cl.13 of IS 302-2-6:2009
79.		Transient over voltage	Cl.14 of IS 302-2-6:2009
80.		Moisture resistance	Cl.15 of IS 302-2-6:2009
81.		Leakage current and electric strength	Cl.16 of IS 302-2-6:2009
82.		Overload protection of transformers associated circuits	Cl.17 of IS 302-2-6:2009
83.		Abnormal operation	Cl.19 of IS 302-2-6:2009
84.		Stability and mechanical hazards	Cl.20 of IS 302-2-6:2009
85.		Mechanical strength	Cl.21 of IS 302-2-6:2009
86.		Construction	Cl.22 of IS 302-2-6:2009
87.		Internal wiring	Cl.23 of IS 302-2-6:2009
88.		Components	Cl.24 of IS 302-2-6:2009
89.		Supply connection and external flexible cord	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>Domestic Electrical Appliances</b>		
90.		Terminal for external conductors	Cl.26 of IS 302-2-6:2009
91.		Provision for earthing	Cl.27 of IS 302-2-6:2009
92.		Screws and connections	Cl.28 of IS 302-2-6:2009
93.		Clearances, creepage distances and solid insulation	Cl.29 of IS 302-2-6:2009
94.		Resistance to heat and fire	Cl.30 of IS 302-2-6:2009
95.		Resistance to rusting	Cl.31 of IS 302-2-6:2009
96.		Radiation, toxicity and similar hazards	Cl.32 of IS 302-2-6:2009
97.	Domestic electric food-mixers (liquidizers and grinders) and centrifugal juicers	Rating	Cl.5 of IS 4250:1980
98.		Classification	Cl.6 of IS 4250:1980
99.		Marking	Cl.7 of IS 4250:1980
100.		Protection against access to live parts	Cl.8 of IS 4250:1980
101.		Starting	Cl.9 of IS 4250:1980
102.		Power input and current	Cl.10 of IS 4250:1980
103.		Heating	Cl.11 of IS 4250:1980
104.		Leakage current and electric strength at operating	Cl.13 of IS 4250:1980

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	<b>Domestic Electrical Appliances</b>		
105.		Radio and television interference suppression	Cl.14 of IS 4250:1980
106.		Moisture resistance	Cl.15 of IS 4250:1980
107.		Insulation resistance and electric strength	Cl.16 of IS 4250:1980
108.		Overload protection	Cl.17 of IS 4250:1980
109.		Endurance	Cl.18 of IS 4250:1980
110.		Abnormal operation	Cl.19 of IS 4250:1980
111.		Stability and mechanical hazards	Cl.20 of IS 4250:1980
112.		Mechanical strength	Cl.21 of IS 4250:1980
113.		Construction	Cl.22 of IS 4250:1980
114.		Internal wiring	Cl.23 of IS 4250:1980
115.		Components	Cl.24 of IS 4250:1980
116.		Supply connection and external flexible cord	Cl.25 of IS 4250:1980
117.		Terminal for external conductors	Cl.26 of IS 4250:1980
118.		Provision for earthing	Cl.27 of IS 4250:1980
119.		Screws and connections	Cl.28 of IS 4250:1980

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	<b>Domestic Electrical Appliances</b>		
120.		Clearances, creepage distances and solid insulation	Cl.29 of IS 4250:1980
121.		Resistance to heat, fire and tracking	Cl.30 of IS 4250:1980
122.		Resistance to rusting	Cl.31 of IS 4250:1980
123.		Radiation	Cl.32 of IS 4250:1980
124.		Finish	Cl.33 of IS 4250:1980
125.		Operational tests	Cl.34 of IS 4250:1980
126.		Temperature withstand test for bowl	Cl.35 of IS 4250:1980
127.		Test for controls	Cl.36 of IS 4250:1980
128.		Strength of assembly	Cl.37 of IS 4250:1980
129.	<b>Electric iron</b>	Classification and rating	Cl.6 of IS 302-2-3:2007
130.		Marking and instructions	Cl.7 of IS 302-2-3:2007
131.		Protection against access to live parts	Cl.8 of IS 302-2-3:2007
132.		Power input and current	Cl.10 of IS 302-2-3:2007
133.		Heating	Cl.11 of IS 302-2-3:2007

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
134.		Leakage current and electric strength at operating	Cl.13 of IS 302-2-3:2007
135.		Transient over voltage	Cl.14 of IS 302-2-3:2007
136.		Moisture resistance	Cl.15 of IS 302-2-3:2007
137.		Leakage current and electric strength	Cl.16 of IS 302-2-3:2007
138.		Abnormal operation	Cl.19 of IS 302-2-3:2007
139.		Stability and mechanical hazards	Cl.20 of IS 302-2-3:2007
140.		Mechanical strength	Cl.21 of IS 302-2-3:2007
141.		Construction	Cl.22 of IS 302-2-3:2007
142.		Internal wiring	Cl.23 of IS 302-2-3:2007
143.		Components	Cl.24 of IS 302-2-3:2007
144.		Supply connection and external flexible cords	Cl.25 of IS 302-2-3:2007
145.		Terminals for external conductors	Cl.26 of IS 302-2-3:2007
146.		Provision for earthing	Cl.27 of IS 302-2-3:2007
147.		Screw and connections	Cl.28 of IS 302-2-3:2007
148.		Clearances, creepage distances and solid insulation	Cl.29 of IS 302-2-3:2007

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	<b>Domestic Electrical Appliances</b>		
149.		Resistance to heat, fire and tracking	Cl.30 of IS 302-2-3:2007
150.		Resistance to rusting	Cl.31 of IS 302-2-3:2007
151.		Radiation, toxicity and similar hazards	Cl.32 of IS 302-2-3:2007
152.		Measurement of heating –up time	Cl. 10 of IS 366:1991
153.		Measurement of soleplate temperature	Cl. 11 of IS 366:1991
154.		Measurement of temperature distribution	Cl. 12 of IS 366:1991
155.		Measurement of initial Overswing Temperature and Heating-up Excess Temperature	Cl. 13 of IS 366:1991
156.		Measurement of Cyclic Fluctuation of Temperature	Cl. 14 of IS 366:1991
157.		Measurement of Thermostatic Stability	Cl. 16 of IS 366:1991
158.		Finish	Cl. 17 of IS 366:1991
159.	Stationary storage type electric water heaters	Classification	Cl.6 of IS 302-2-21:2018
160.		Marking and instructions	Cl.7 of IS 302-2-21:2018

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	<b>Domestic Electrical Appliances</b>		
161.		Protection against access to live parts	Cl.8 of IS 302-2-21:2018
162.		Power input and current	Cl.10 of IS 302-2-21:2018
163.		Heating	Cl.11 of IS 302-2-21:2018
164.		Leakage current and electric strength at operating	Cl.13 of IS 302-2-21:2018
165.		Transient over voltage	Cl.14 of IS 302-2-21:2018
166.		Moisture resistance	Cl.15 of IS 302-2-21:2018
167.		Leakage current and electric strength	Cl.16 of IS 302-2-21:2018
168.		Abnormal operation	Cl.19 of IS 302-2-21:2018
169.		Stability and mechanical hazards	Cl.20 of IS 302-2-21:2018
170.		Mechanical strength	Cl.21 of IS 302-2-21:2018
171.		Construction	Cl.22 of IS 302-2-21:2018
172.		Internal wiring	Cl.23 of IS 302-2-21:2018
173.		Components	Cl.24 of IS 302-2-21:2018
174.		Supply connection and external flexible cords	Cl.25 of IS 302-2-21:2018
175.		Terminals for external conductors	Cl.26 of IS 302-2-21:2018

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	<b>Domestic Electrical Appliances</b>		
176.		Provision for earthing	Cl.27 of IS 302-2-21:2018
177.		Screw and connections	Cl.28 of IS 302-2-21:2018
178.		Clearances, creepage distances and solid insulation	Cl.29 of IS 302-2-21:2018
179.		Resistance to heat, fire and tracking	Cl.30 of IS 302-2-21:2018
180.		Resistance to rusting	Cl.31 of IS 302-2-21:2018
181.		Radiation, toxicity and similar hazards	Cl.32 of IS 302-2-21:2018
182.		Verification of the rated capacity	Cl. 14 of IS 2082:2018
183.		Standing loss per 24 hours	Cl. 15 of IS 2082:2018
184.		Hot water output	Cl. 16 of IS 2082:2018
185.		Reheating time	Cl. 17 of IS 2082:2018
186.		Mixing factor	Cl. 18 of IS 2082:2018
187.		Deviation form dial calibration	Cl. 19 of IS 2082:2018
188.		Cyclic temperature variation	Cl. 20 of IS 2082:2018
189.	Electric instantaneous water heater	Classification	Cl.6 of IS 302-2-35:2017
190.		Marking and instructions	Cl.7 of IS 302-2-35:2017

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	<b>Domestic Electrical Appliances</b>		
191.		Protection against access to live parts	Cl.8 of IS 302-2-35:2017
192.		Power input and current	Cl.10 of IS 302-2-35:2017
193.		Heating	Cl.11 of IS 302-2-35:2017
194.		Leakage current and electric strength at operating Temperature	Cl.13 of IS 302-2-35:2017
195.		Transient over voltage	Cl.14 of IS 302-2-35:2017
196.		Moisture resistance	Cl.15 of IS 302-2-35:2017
197.		Leakage current & electric strength	Cl.16 of IS 302-2-35:2017
198.		Overload protection of transformers and associated circuits	Cl.17 of IS 302-2-35:2017
199.		Abnormal operation	Cl.19 of IS 302-2-35:2017
200.		Stability and mechanical Hazards	Cl.20 of IS 302-2-35:2017
201.		Mechanical strength	Cl.21 of IS 302-2-35:2017
202.		Construction	Cl.22 of IS 302-2-35:2017
203.		Internal wiring	Cl.23 of IS 302-2-35:2017

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	<b>Domestic Electrical Appliances</b>		
204.		Components	Cl.24 of IS 302-2-35:2017
205.		Supply connection and external flexible cords	Cl.25 of IS 302-2-35:2017
206.		Terminals for external conductors	Cl.26 of IS 302-2-35:2017
207.		Provision for earthing	Cl.27 of IS 302-2-35:2017
208.		Screw and connections	Cl.28 of IS 302-2-35:2017
209.		Clearances, creepage distances and solid insulation	Cl.29 of IS 302-2-35:2017
210.		Resistance to heat, fire and tracking	Cl.30 of IS 302-2-35:2017
211.		Resistance to rusting	Cl.31 of IS 302-2-35:2017
212.		Radiation, toxicity and similar hazards	Cl.32 of IS 302-2-35:2017
213.		Finish	Cl.10 of IS 8978:1992
214.		Operation of flow switch	Cl.11 of IS 8978:1992
215.		Endurance	Cl.12 of IS 8978:1992
216.	Electric immersion water heater	Classification	Cl. 6 of IS 368:2014 & IS 302-2-201:2008
217.		Marking and instructions	Cl. 7 of IS 368:2014 & IS 302-2-201:2008

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# Quality And Accreditation Institute

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### Scope of Accreditation

**Global Scientific Solutions Private Limited**

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	<b>Domestic Electrical Appliances</b>		
218.		Protection against access to live parts	Cl. 8 of IS 368:2014 & IS 302-2-201:2008
219.		Power input and current	Cl. 10 of IS 368:2014 & IS 302-2-201:2008
220.		Heating	Cl. 11 of IS 368:2014 & IS 302-2-201:2008
221.		Operation under overload conditions of appliances with heating elements	Cl. 12 of IS 368:2014
222.		Leakage current and electric strength at operating temperature	Cl.13 of IS 368:2014 & IS 302-2-201:2008
223.		Transient over voltage	Cl.14 of IS 368:2014 & IS 302-2-201:2008
224.		Moisture resistance	Cl. 15 of IS 368:2014 & IS 302-2-201:2008
225.		leakage current & electric strength	Cl. 16 of IS 368:2014 & IS 302-2-201:2008
226.		Overload protection of transformers and associated circuits	Cl. 17 of IS 368:2014 & IS 302-2-201:2008
227.		Endurance	Cl. 18 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>		
228.		Abnormal operation	Cl. 19 of IS 368:2014 & IS 302-2-201:2008
229.		Stability and mechanical hazards	Cl. 20 of IS 368:2014 & IS 302-2-201:2008
230.		Mechanical strength	Cl. 21 of IS 368:2014 & IS 302-2-201:2008
231.		Construction	Cl. 22 of IS 368:2014 & IS 302-2-201:2008
232.		Internal wiring	Cl. 23 of IS 368:2014 & IS 302-2-201:2008
233.		Components	Cl. 24 of IS 368:2014 & IS 302-2-201:2008
234.		Supply connection and external flexible cords	Cl. 25 of IS 368:2014 & IS 302-2-201:2008
235.		Terminals for external conductors	Cl. 26 of IS 368:2014 & IS 302-2-201:2008
236.		Provision for earthing	Cl. 27 of IS 368:2014 & IS 302-2-201:2008
237.		Screw and connections	Cl. 28 of IS 368:2014 & IS 302-2-201:2008
238.		Clearances, creepage distances and solid insulation	Cl. 29 of IS 368:2014 & IS 302-2-201:2008
239.		Resistance to heat, fire and tracking	Cl. 30 of IS 368:2014 & IS 302-2-201:2008

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	<b>Domestic Electrical Appliances</b>		
240.	Electrical shavers, hair clipper and similar appliances	Resistance to rusting	Cl. 31 of IS 368:2014 & IS 302-2-201:2008
241.		Radiation, toxicity and similar hazards	Cl. 32 of IS 368:2014 & IS 302-2-201:2008
242.		Classification	Cl.6 of IS 302-2-8:1994
243.		Marking and instruction	Cl.7 of IS 302-2-8:1994
244.		Protection against access to live parts	Cl.8 of IS 302-2-8:1994
245.		Starting of motor-operated appliances	Cl.9 of IS 302-2-8:1994
246.		Power input and current	Cl.10 of IS 302-2-8:1994
247.		Heating	Cl.11 of IS 302-2-8:1994
248.		Leakage current and electric strength at operating	Cl.13 of IS 302-2-8:1994
249.		Transient over voltage	Cl.14 of IS 302-2-8:1994
250.		Moisture resistance	Cl.15 of IS 302-2-8:1994
251.		Leakage current and electric strength	Cl.16 of IS 302-2-8:1994
252.		Abnormal operation	Cl.19 of IS 302-2-8:1994
253.		Stability and mechanical hazards	Cl.20 of IS 302-2-8:1994

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	<b>Domestic Electrical Appliances</b>		
254.		Mechanical strength	CI.21 of IS 302-2-8:1994
255.		Construction	CI.22 of IS 302-2-8:1994
256.		Internal wiring	CI.23 of IS 302-2-8:1994
257.		Components	CI.24 of IS 302-2-8:1994
258.		Supply connection and external flexible cord	CI.25 of IS 302-2-8:1994
259.		Terminal for external conductors	CI.26 of IS 302-2-8:1994
260.		Provision for earthing	CI.27 of IS 302-2-8:1994
261.		Screws and connections	CI.28 of IS 302-2-8:1994
262.		Clearances, creepage distances and solid insulation	CI.29 of IS 302-2-8:1994
263.		Resistance to heat and fire	CI.30 of IS 302-2-8:1994
264.		Resistance to rusting	CI.31 of IS 302-2-8:1994
265.		Radiation, toxicity and similar hazards	CI.32 of IS 302-2-8:1994
266.	Electric kitchen machines	Classification	CI.6 of IS 302-2-14:2009
267.		Marking and instruction	CI.7 of IS 302-2-14:2009
268.		Protection against access to live parts	CI.8 of IS 302-2-14:2009

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
269.		Power input and current	CI.10 of IS 302-2-14:2009
270.		Heating	CI.11 of IS 302-2-14:2009
271.		Leakage current and electric strength at operating	CI.13 of IS 302-2-14:2009
272.		Transient over voltage	CI.14 of IS 302-2-14:2009
273.		Moisture resistance	CI.15 of IS 302-2-14:2009
274.		Leakage current and electric strength	CI.16 of IS 302-2-14:2009
275.		Overload protection of transformers associated circuits	CI.17 of IS 302-2-14:2009
276.		Abnormal operation	CI.19 of IS 302-2-14:2009
277.		Stability and mechanical hazards	CI.20 of IS 302-2-14:2009
278.		Mechanical strength	CI.21 of IS 302-2-14:2009
279.		Construction	CI.22 of IS 302-2-14:2009
280.		Internal wiring	CI.23 of IS 302-2-14:2009
281.		Components	CI.24 of IS 302-2-14:2009
282.		Supply connection and external flexible cord	CI.25 of IS 302-2-14:2009
283.		Terminal for external conductors	CI.26 of IS 302-2-14:2009

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	<b>Domestic Electrical Appliances</b>		
284.		Provision for earthing	CI.27 of IS 302-2-14:2009
285.		Screws and connections	CI.28 of IS 302-2-14:2009
286.		Clearances, creepage distances and solid insulation	CI.29 of IS 302-2-14:2009
287.		Resistance to heat and fire	CI.30 of IS 302-2-14:2009
288.		Resistance to rusting	CI.31 of IS 302-2-14:2009
289.		Radiation, toxicity and similar hazards	CI.32 of IS 302-2-14:2009
290.	<b>Appliances for skin or hair care</b>	Classification	CI.6 of IS 302-2-23:2009
291.		Marking and instruction	CI.7 of IS 302-2-23:2009
292.		Protection against access to live parts	CI.8 of IS 302-2-23:2009
293.		Power input and current	CI.10 of IS 302-2-23:2009
294.		Heating	CI.11 of IS 302-2-23:2009
295.		Leakage current and electric strength at operating	CI.13 of IS 302-2-23:2009
296.		Transient over voltage	CI.14 of IS 302-2-23:2009
297.		Moisture resistance	CI.15 of IS 302-2-23:2009
298.		Leakage current and electric strength	CI.16 of IS 302-2-23:2009

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
299.		Overload protection of transformers associated circuits	Cl.17 of IS 302-2-23:2009
300.		Abnormal operation	Cl.19 of IS 302-2-23:2009
301.		Stability and mechanical hazards	Cl.20 of IS 302-2-23:2009
302.		Mechanical strength	Cl.21 of IS 302-2-23:2009
303.		Construction	Cl.22 of IS 302-2-23:2009
304.		Internal wiring	Cl.23 of IS 302-2-23:2009
305.		Components	Cl.24 of IS 302-2-23:2009
306.		Supply connection and external flexible cord	Cl.25 of IS 302-2-23:2009
307.		Terminal for external conductors	Cl.26 of IS 302-2-23:2009
308.		Provision for earthing	Cl.27 of IS 302-2-23:2009
309.		Screws and connections	Cl.28 of IS 302-2-23:2009
310.		Clearances, creepage distances and solid insulation	Cl.29 of IS 302-2-23:2009
311.		Resistance to heat and fire	Cl.30 of IS 302-2-23:2009
312.		Resistance to rusting	Cl.31 of IS 302-2-23:2009
313.		Radiation, toxicity and similar hazards	Cl.32 of IS 302-2-23:2009

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	<b>Domestic Electrical Appliances</b>		
314.	Warming plates and similar appliances	Classification	Cl.6 of IS 302-2-12:1993
315.		Marking and instruction	Cl.7 of IS 302-2-12:1993
316.		Protection against access to live parts	Cl.8 of IS 302-2-12:1993
317.		Starting of motor operated appliances	Cl.9 of IS 302-2-12:1993
318.		Power input and current	Cl.10 of IS 302-2-12:1993
319.		Heating	Cl.11 of IS 302-2-12:1993
320.		Operation under overload conditions	Cl.12 of IS 302-2-12:1993
321.		Leakage current and electric strength at operating temperature	Cl.13 of IS 302-2-12:1993
322.		Transient over voltage	Cl.14 of IS 302-2-12:1993
323.		Moisture resistance	Cl.15 of IS 302-2-12:1993
324.		Leakage current and electric strength	Cl.16 of IS 302-2-12:1993
325.		Overload protection	Cl.17 of IS 302-2-12:1993
326.		Endurance (under consideration)	Cl.18 of IS 302-2-12:1993
327.		Abnormal operation	Cl.19 of IS 302-2-12:1993

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	<b>Domestic Electrical Appliances</b>		
328.		Stability and mechanical hazards	CI.20 of IS 302-2-12:1993
329.		Mechanical strength	CI.21 of IS 302-2-12:1993
330.		Construction	CI.22 of IS 302-2-12:1993
331.		Internal wiring	CI.23 of IS 302-2-12:1993
332.		Components	CI.24 of IS 302-2-12:1993
333.		Supply Connection and External Flexible Cord	CI.25 of IS 302-2-12:1993
334.		Terminal for External Conductors	CI.26 of IS 302-2-12:1993
335.		Provision for Earthing	CI.27 of IS 302-2-12:1993
336.		Screws and Connections	CI.28 of IS 302-2-12:1993
337.		Clearances, Creepage distances and solid insulation	CI.29 of IS 302-2-12:1993
338.		Resistance to heat and fire	CI.30 of IS 302-2-12:1993
339.		Resistance to rusting	CI.31 of IS 302-2-12:1993
340.		Radiation, toxicity and similar hazards	CI.32 of IS 302-2-12:1993
341.		Frying pans, deep fat fryers and similar appliances	Rating
342.	Classification		CI.6 of IS 302-2-13 :1994

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
343.		Marking	Cl.7 of IS 302-2-13 :1994
344.		Protection against access to live parts	Cl.8 of IS 302-2-13 :1994
345.		Starting	Cl.9 of IS 302-2-13 :1994
346.		Power input and current	Cl.10 of IS 302-2-13 :1994
347.		Heating	Cl.11 of IS 302-2-13 :1994
348.		Operation under overload conditions	Cl.12 of IS 302-2-13 :1994
349.		Leakage current and electric strength at operating	Cl.13 of IS 302-2-13 :1994
350.		Radio and television interference suppression	Cl.14 of IS 302-2-13 :1994
351.		Moisture Resistance	Cl.15 of IS 302-2-13 :1994
352.		Insulation resistance and electric strength	Cl.16 of IS 302-2-13 :1994
353.		Overload protection	Cl.17 of IS 302-2-13 :1994
354.		Endurance	Cl.18 of IS 302-2-13 :1994
355.		Abnormal operation	Cl.19 of IS 302-2-13 :1994
356.		Stability and mechanical hazards	Cl.20 of IS 302-2-13 :1994
357.		Mechanical strength	Cl.21 of IS 302-2-13 :1994

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	<b>Domestic Electrical Appliances</b>		
358.		Construction	Cl.22 of IS 302-2-13 :1994
359.		Internal wiring	Cl.23 of IS 302-2-13 :1994
360.		Components	Cl.24 of IS 302-2-13 :1994
361.		Supply connection and external flexible cord	Cl.25 of IS 302-2-13 :1994
362.		Terminal for external conductors	Cl.26 of IS 302-2-13 :1994
363.		Provision for earthing	Cl.27 of IS 302-2-13 :1994
364.		Screws and connections	Cl.28 of IS 302-2-13 :1994
365.		Clearances, creepage distances and solid insulation	Cl.29 of IS 302-2-13 :1994
366.		Resistance to heat, fire and tracking	Cl.30 of IS 302-2-13 :1994
367.		Resistance to rusting	Cl.31 of IS 302-2-13 :1994
368.		Radiation hazards	Cl.32 of IS 302-2-13 :1994
369.	Electric stoves	Classification and rating	Cl.6 of IS 302-2-202:1992
370.		Marking and instructions	Cl.7 of IS 302-2-202:1992
371.		Protection against access to live parts	Cl.8 of IS 302-2-202:1992
372.		Power input and current	Cl.10 of IS 302-2-202:1992

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	<b>Domestic Electrical Appliances</b>		
373.		Heating	Cl.11 of IS 302-2-202:1992
374.		Operation under overload conditions	Cl.12 of IS 302-2-202:1992
375.		Leakage current and electric strength at operating temperature	Cl.13 of IS 302-2-202:1992
376.		Transient over voltage	Cl.14 of IS 302-2-202:1992
377.		Moisture resistance	Cl.15 of IS 302-2-202:1992
378.		Leakage current and electric strength	Cl.16 of IS 302-2-202:1992
379.		Endurance (under consideration)	Cl.18 of IS 302-2-202:1992
380.		Abnormal operation	Cl.19 of IS 302-2-202:1992
381.		Stability and mechanical hazards	Cl.20 of IS 302-2-202:1992
382.		Mechanical strength	Cl.21 of IS 302-2-202:1992
383.		Construction	Cl.22 of IS 302-2-202:1992
384.		Internal wiring	Cl.23 of IS 302-2-202:1992
385.		Components	Cl.24 of IS 302-2-202:1992

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	<b>Domestic Electrical Appliances</b>		
386.		Supply connection and external flexible cords	Cl.25 of IS 302-2-202:1992
387.		Terminals for external conductors	Cl.26 of IS 302-2-202:1992
388.		Provision for earthing	Cl.27 of IS 302-2-202:1992
389.		Screw and connections	Cl.28 of IS 302-2-202:1992
390.		Clearances, creepage distances and solid insulation	Cl.29 of IS 302-2-202:1992
391.		Resistance to heat, fire and tracking	Cl.30 of IS 302-2-202:1992
392.		Resistance to rusting	Cl.31 of IS 302-2-202:1992
393.		Radiation, toxicity and similar hazards	Cl.32 of IS 302-2-202:1992
394.	Mineral filled sheathed heating elements	Classification	Cl. 6 of IS 4159:2021
395.		Marking and instructions	Cl. 7 of IS 4159:2021
396.		Protection against access to live parts	Cl. 8 of IS 4159:2021
397.		Power input and current	Cl. 10 of IS 4159:2021
398.		Heating	Cl. 11 of IS 4159:2021

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	<b>Domestic Electrical Appliances</b>		
399.		Leakage current and electric strength at operating temperature	Cl.13 of IS 4159:2021
400.		Transient over voltage	Cl.14 of IS 4159:2021
401.		Moisture resistance	Cl. 15 of IS 4159:2021
402.		Leakage current & electric strength	Cl. 16 of IS 4159:2021
403.		Endurance	Cl. 18 of IS 4159:2021
404.		Abnormal operation	Cl. 19 of IS 4159:2021
405.		Stability and mechanical hazards	Cl. 20 of IS 4159:2021
406.		Mechanical strength	Cl. 21 of IS 4159:2021
407.		Construction	Cl. 22 of IS 4159:2021
408.		Internal wiring	Cl. 23 of IS 4159:2021
409.		Components	Cl. 24 of IS 4159:2021
410.		Supply connection and external flexible cords	Cl. 25 of IS 4159:2021
411.		Terminals for external conductors	Cl. 26 of IS 4159:2021
412.		Provision for earthing	Cl. 27 of IS 4159:2021

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	<b>Domestic Electrical Appliances</b>		
413.		Screw and connections	Cl. 28 of IS 4159:2021
414.		Clearances, creepage distances and solid insulation	Cl. 29 of IS 4159:2021
415.		Resistance to heat, fire and tracking	Cl. 30 of IS 4159:2021
416.		Resistance to rusting	Cl. 31 of IS 4159:2021
417.		Radiation, toxicity and similar hazards	Cl. 32 of IS 4159:2021
418.		Leakage and hydrostatic strength test	Cl. 102 of IS 4159:2021
419.	<b>Clocks</b>	Classification	Cl.6 of IS 302-2-26:1994
420.		Marking and instructions	Cl.7 of IS 302-2-26:1994
421.		Protection against access to live parts	Cl.8 of IS 302-2-26:1994
422.		Starting of motor operated appliances	Cl.9 of IS 302-2-26:1994
423.		Power input and current	Cl.10 of IS 302-2-26:1994
424.		Heating	Cl.11 of IS 302-2-26:1994
425.		Operation under overload conditions	Cl.12 of IS 302-2-26:1994

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	<b>Domestic Electrical Appliances</b>		
426.		Leakage current and electric strength at operating temperature	Cl.13 of IS 302-2-26:1994
427.		Transient over voltage	Cl.14 of IS 302-2-26:1994
428.		Moisture resistance	Cl.15 of IS 302-2-26:1994
429.		Leakage current & electric strength	Cl.16 of IS 302-2-26:1994
430.		Overload protection	Cl.17 of IS 302-2-26:1994
431.		Endurance	Cl.18 of IS 302-2-26:1994
432.		Abnormal operation	Cl.19 of IS 302-2-26:1994
433.		Stability and mechanical hazards	Cl.20 of IS 302-2-26:1994
434.		Mechanical strength	Cl.21 of IS 302-2-26:1994
435.		Construction	Cl.22 of IS 302-2-26:1994
436.		Internal wiring	Cl.23 of IS 302-2-26:1994
437.		Components	Cl.24 of IS 302-2-26:1994
438.		Supply connection and external flexible cords	Cl.25 of IS 302-2-26:1994
439.		Terminals for external conductors	Cl.26 of IS 302-2-26:1994
440.		Provision for earthing	Cl.27 of IS 302-2-26:1994

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	<b>Domestic Electrical Appliances</b>		
441.		Screw and connections	CI.28 of IS 302-2-26:1994
442.		Creepage distance and clearances	CI.29 of IS 302-2-26:1994
443.		Resistance to heat, fire and tracking	CI.30 of IS 302-2-26:1994
444.		Resistance to rusting	CI.31 of IS 302-2-26:1994
445.		Radiation hazards	CI.32 of IS 302-2-26:1994
446.	Microwave ovens, including combination microwave ovens	Classification	CI.6 of IS 302-2-25:2014
447.		Marking and Instructions	CI.7 of IS 302-2-25:2014
448.		Protection against access to live parts	CI.8 of IS 302-2-25:2014
449.		Tarting of motor-operated appliances	CI.9 of IS 302-2-25:2014
450.		Power input and current	CI.10 of IS 302-2-25:2014
451.		Heating	CI.11 of IS 302-2-25:2014
452.		Leakage current and electric strength at operating temperature	CI.13 of IS 302-2-25:2014
453.		Transient overvoltage	CI.14 of IS 302-2-25:2014
454.		Moisture resistance	CI.15 of IS 302-2-25:2014

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
455.		Leakage current and electric Strength	Cl.16 of IS 302-2-25:2014
456.		Overload protection of Transformers and associated Circuits	Cl.17 of IS 302-2-25:2014
457.		Endurance	Cl.18 of IS 302-2-25:2014
458.		Abnormal operation	Cl.19 of IS 302-2-25:2014
459.		Stability and mechanical hazards	Cl.20 of IS 302-2-25:2014
460.		Mechanical strength	Cl.21 of IS 302-2-25:2014
461.		Construction	Cl.22 of IS 302-2-25:2014
462.		Internal wiring	Cl.23 of IS 302-2-25:2014
463.		Components	Cl.24 of IS 302-2-25:2014
464.		Supply connection and external flexible cords	Cl.25 of IS 302-2-25:2014
465.		Terminals for external conductors	Cl.26 of IS 302-2-25:2014
466.		Provision for earthing	Cl.27 of IS 302-2-25:2014
467.		Screws and connections	Cl.28 of IS 302-2-25:2014
468.		Clearances, creepage distances and solid insulation	Cl.29 of IS 302-2-25:2014

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	<b>Domestic Electrical Appliances</b>		
469.		Resistance to heat and fire	Cl.30 of IS 302-2-25:2014
470.		Resistance to rusting	Cl.31 of IS 302-2-25:2014
471.		Radiation, toxicity and similar Hazards	Cl.32 of IS 302-2-25:2014
472.	Range hoods	Classification	Cl.6 of IS 302-2-31:2009
473.		Marking and instructions	Cl.7 of IS 302-2-31:2009
474.		Protection against access to live parts	Cl.8 of IS 302-2-31:2009
475.		Power input and current	Cl.10 of IS 302-2-31:2009
476.		Heating	Cl.11 of IS 302-2-31:2009
477.		Leakage current and electric strength at operating temperature	Cl.13 of IS 302-2-31:2009
478.		Transient over voltage	Cl.14 of IS 302-2-31:2009
479.		Moisture resistance	Cl.15 of IS 302-2-31:2009
480.		Leakage current & electric strength	Cl.16 of IS 302-2-31:2009
481.		Overload protection of transformers and associated circuits	Cl.17 of IS 302-2-31:2009

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	<b>Domestic Electrical Appliances</b>		
482.		Abnormal operation	CI.19 of IS 302-2-31:2009
483.		Stability and mechanical hazards	CI.20 of IS 302-2-31:2009
484.		Mechanical strength	CI.21 of IS 302-2-31:2009
485.		Construction	CI.22 of IS 302-2-31:2009
486.		Internal wiring	CI.23 of IS 302-2-31:2009
487.		Components	CI.24 of IS 302-2-31:2009
488.		Supply connection and external flexible cords	CI.25 of IS 302-2-31:2009
489.		Terminals for external conductors	CI.26 of IS 302-2-31:2009
490.		Provision for earthing	CI.27 of IS 302-2-31:2009
491.		Screw and connections	CI.28 of IS 302-2-31:2009
492.		Creepage distance and clearances	CI.29 of IS 302-2-31:2009
493.		Resistance to heat and fire	CI.30 of IS 302-2-31:2009
494.		Resistance to rusting	CI.31 of IS 302-2-31:2009
495.		Radiation, toxicity and similar hazards	CI.32 of IS 302-2-31:2009
496.	Electric coffee makers	Classification	CI.6 of IS 302-2-206:1994
497.		Marking and instructions	CI.7 of IS 302-2-206:1994

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
498.		Protection against access to live parts	Cl.8 of IS 302-2-206:1994
499.		Power input and current	Cl.10 of IS 302-2-206:1994
500.		Heating	Cl.11 of IS 302-2-206:1994
501.		Operation under overload conditions	Cl.12 of IS 302-2-206:1994
502.		Leakage current and electric strength at operating temperature	Cl.13 of IS 302-2-206:1994
503.		Transient over Voltage	Cl.14 of IS 302-2-206:1994
504.		Moisture resistance	Cl.15 of IS 302-2-206:1994
505.		Leakage current & electric strength	Cl.16 of IS 302-2-206:1994
506.		Overload protection	Cl.17 of IS 302-2-206:1994
507.		Endurance (under consideration)	Cl.18 of IS 302-2-206:1994
508.		Abnormal operation	Cl.19 of IS 302-2-206:1994
509.		Stability and mechanical hazards	Cl.20 of IS 302-2-206:1994
510.		Mechanical strength	Cl.21 of IS 302-2-206:1994
511.		Construction	Cl.22 of IS 302-2-206:1994

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	<b>Domestic Electrical Appliances</b>		
512.		Internal wiring	CI.23 of IS 302-2-206:1994
513.		Components	CI.24 of IS 302-2-206:1994
514.		Supply connection and external flexible cords	CI.25 of IS 302-2-206:1994
515.		Terminals for external conductors	CI.26 of IS 302-2-206:1994
516.		Provision for earthing	CI.27 of IS 302-2-206:1994
517.		Screw and connections	CI.28 of IS 302-2-206:1994
518.		Creepage distance and clearances	CI.29 of IS 302-2-206:1994
519.		Resistance to heat and fire	CI.30 of IS 302-2-206:1994
520.		Resistance to rusting	CI.31 of IS 302-2-206:1994
521.		Radiation, toxicity and similar hazards	CI.32 of IS 302-2-206:1994
522.	Low speed food grinding machines	Classification	CI.6 of IS 302-2-209:1994
523.		Marking and instructions	CI.7 of IS 302-2-209:1994
524.		Protection against access to live parts	CI.8 of IS 302-2-209:1994
525.		Power input and current	CI.10 of IS 302-2-209:1994
526.		Heating	CI.11 of IS 302-2-209:1994

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	<b>Domestic Electrical Appliances</b>		
527.		Operation under overload conditions	Cl.12 of IS 302-2-209:1994
528.		Leakage current and electric strength at operating Temperature	Cl.13 of IS 302-2-209:1994
529.		Radio and television interference suppression	Cl.14 of IS 302-2-209:1994
530.		Moisture resistance	Cl.15 of IS 302-2-209:1994
531.		Insulation resistance & electric strength (after humidity treatment)	Cl.16 of IS 302-2-209:1994
532.		Overload protection	Cl.17 of IS 302-2-209:1994
533.		Endurance (under consideration)	Cl.18 of IS 302-2-209:1994
534.		Abnormal operation	Cl.19 of IS 302-2-209:1994
535.		Stability and mechanical hazards	Cl.20 of IS 302-2-209:1994
536.		Mechanical Strength	Cl.21 of IS 302-2-209:1994
537.		Construction	Cl.22 of IS 302-2-209:1994
538.		Internal wiring	Cl.23 of IS 302-2-209:1994
539.		Components	Cl.24 of IS 302-2-209:1994

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	<b>Domestic Electrical Appliances</b>		
540.		Supply connection and external flexible cords	Cl.25 of IS 302-2-209:1994
541.		Terminals for external conductors	Cl.26 of IS 302-2-209:1994
542.		Provision for earthing	Cl.27 of IS 302-2-209:1994
543.		Screw and connections	Cl.28 of IS 302-2-209:1994
544.		Creepage distance and clearances	Cl.29 of IS 302-2-209:1994
545.		Resistance to heat fire and tracking	Cl.30 of IS 302-2-209:1994
546.		Resistance to rusting	Cl.31 of IS 302-2-209:1994
547.		Radiation, toxicity and similar hazards	Cl.32 of IS 302-2-209:1994
548.	Commercial dispensing appliances and vending machines	Classification	Cl.6 of IS 302-2-75:2018
549.		Marking and instructions	Cl.7 of IS 302-2-75:2018
550.		Protection against access to live parts	Cl.8 of IS 302-2-75:2018
551.		Power input and current	Cl.10 of IS 302-2-75:2018
552.		Heating	Cl.11 of IS 302-2-75:2018

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	<b>Domestic Electrical Appliances</b>		
553.		Leakage current and electric strength at operating temperature	Cl.13 of IS 302-2-75:2018
554.		Transient over voltages	Cl.14 of IS 302-2-75:2018
555.		Moisture resistance	Cl.15 of IS 302-2-75:2018
556.		Leakage current and electric strength	Cl.16 of IS 302-2-75:2018
557.		Overload protection of transformers and associated circuits	Cl.17 of IS 302-2-75:2018
558.		Abnormal operation	Cl.19 of IS 302-2-75:2018
559.		Stability and mechanical hazards	Cl.20 of IS 302-2-75:2018
560.		Mechanical Strength	Cl.21 of IS 302-2-75:2018
561.		Construction	Cl.22 of IS 302-2-75:2018
562.		Internal Wiring	Cl.23 of IS 302-2-75:2018
563.		Components	Cl.24 of IS 302-2-75:2018
564.		Supply connection and external flexible cords	Cl.25 of IS 302-2-75:2018
565.		Terminals for External Conductors	Cl.26 of IS 302-2-75:2018

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	<b>Domestic Electrical Appliances</b>		
566.		Provision for Earthing	Cl.27 of IS 302-2-75:2018
567.		Screw and connections	Cl.28 of IS 302-2-75:2018
568.		Clearances, creepage distances and solid insulation	Cl.29 of IS 302-2-75:2018
569.		Resistance to heat and fire	Cl.30 of IS 302-2-75:2018
570.		Resistance to rusting	Cl.31 of IS 302-2-75:2018
571.		Radiation, toxicity and similar hazards	Cl.32 of IS 302-2-75:2018
572.	Electric ceiling type fans	Rating	Cl.5 of IS 302-2-80:2017 Cl.6 of IS 374:2019
573.		Classification	Cl.6 of IS 302-2-80:2017 Cl.7 of IS 374:2019
574.		Marking and instruction	Cl.7 of IS 302-2-80:2017 Cl.8 of IS 374:2019
575.		Protection against access to live parts	Cl.8 of IS 302-2-80:2017
576.		Starting	Cl.9 of IS 302-2-80:2017
577.		Power input & current	Cl.10 of IS 302-2-80:2017
578.		Heating	Cl.11 of IS 302-2-80:2017

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	<b>Domestic Electrical Appliances</b>		
579.		Leakage current and electric strength at operating	Cl.13 of IS 302-2-80:2017
580.		Transient over voltage	Cl.14 of IS 302-2-80:2017
581.		Moisture Resistance	Cl.15 of IS 302-2-80:2017
582.		Leakage current and electric strength	Cl.16 of IS 302-2-80:2017
583.		Overload protection of transformers and associated circuits	Cl.17 of IS 302-2-80:2017
584.		Abnormal operation	Cl.19 of IS 302-2-80:2017
585.		Stability and mechanical Hazards	Cl.20 of IS 302-2-80:2017
586.		Mechanical strength	Cl.21 of IS 302-2-80:2017
587.		Construction	Cl.22 of IS 302-2-80:2017
588.		Internal wiring	Cl.23 of IS 302-2-80:2017
589.		Components	Cl.24 of IS 302-2-80:2017
590.		Supply connection and external flexible cords	Cl.25 of IS 302-2-80:2017
591.		Terminals for external conductor	Cl.26 of IS 302-2-80:2017
592.		Provision for earthing	Cl.27 of IS 302-2-80:2017

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	<b>Domestic Electrical Appliances</b>		
593.		Screws and connection	Cl.28 of IS 302-2-80:2017
594.		Clearances, creepage distances and solid insulation	Cl.29 of IS 302-2-80:2017
595.		Resistance to heat and fire	Cl.30 of IS 302-2-80:2017
596.		Resistance to rusting	Cl.31 of IS 302-2-80:2017
597.		Radiation, toxicity & similar hazard	Cl.32 of IS 302-2-80:2017
598.		Speed regulators	Cl.10 of IS 374:2019
599.		Starting	Cl.11 of IS 374:2019
600.		Interchangeability	Cl.12 of IS 374:2019
601.		Silent operation	Cl.13 of IS 374:2019
602.		Speed and power factor	Cl.14.4 & 14.5 of IS 374:2019
603.		Performances requirement	Cl.15 of IS 374:2019
604.		Endurances test	Cl.16 of IS 374:2019
605.		Test for harmonics distortion	Cl.17 of IS 374:2019
606.	Electric steam cookers	Classification	Cl. 6 of IS 302-2-46:1993
607.		Marking	Cl. 7 of IS 302-2-46:1993

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	<b>Domestic Electrical Appliances</b>		
608.		Protection against electric shock	Cl. 8 of IS 302-2-46:1993
609.		Input	Cl. 10 of IS 302-2-46:1993
610.		Temperature Rise	Cl. 11 of IS 302-2-46:1993
611.		Operation under overload conditions	Cl. 12 of IS 302-2-46:1993
612.		Electricals insulation and leakage current at operating	Cl. 13 of IS 302-2-46:1993
613.		Radio and television interference suppression	Cl. 14 of IS 302-2-46:1993
614.		Moisture resistance	Cl. 15 of IS 302-2-46:1993
615.		insulation resistance and electric strength (after humidity treatment)	Cl. 16 of IS 302-2-46:1993
616.		Overload protection	Cl. 17 of IS 302-2-46:1993
617.		Endurance (under consideration)	Cl. 18 of IS 302-2-46:1993
618.		Abnormal operation	Cl. 19 of IS 302-2-46:1993
619.		Stability and mechanical hazards	Cl. 20 of IS 302-2-46:1993
620.		Mechanical strength	Cl. 21 of IS 302-2-46:1993

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Bawana, Delhi-110039, India

QAI/CIA/TL/2025/0117

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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>		
621.		Construction	Cl. 22 of IS 302-2-46:1993
622.		Internal wiring	Cl. 23 of IS 302-2-46:1993
623.		Components	Cl. 24 of IS 302-2-46:1993
624.		Supply connection and external flexible cords	Cl. 25 of IS 302-2-46:1993
625.		Terminals for external conductor	Cl. 26 of IS 302-2-46:1993
626.		Provision for earthing	Cl. 27 of IS 302-2-46:1993
627.		Screws and connection	Cl. 28 of IS 302-2-46:1993
628.		Creepage distances and clearances	Cl. 29 of IS 302-2-46:1993
629.		Resistance to heat and fire	Cl. 30 of IS 302-2-46:1993
630.		Resistance to rusting	Cl. 31 of IS 302-2-46:1993
631.		Radiation hazard	Cl. 32 of IS 302-2-46:1993
632.	Domestic electric clothes washing machines	Classification	Cl. 6 of IS 302-2-7:2024
633.		Marking and instructions	Cl. 7 of IS 302-2-7:2024
634.		Protection against access to live parts	Cl. 8 of IS 302-2-7:2024

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	<b>Domestic Electrical Appliances</b>		
635.		Starting of motor-operated appliances	Cl. 9 of IS 302-2-7:2024
636.		Power input and current	Cl. 10 of IS 302-2-7:2024
637.		Heating	Cl. 11 of IS 302-2-7:2024
638.		Leakage current and electric strength at operating temperature	Cl. 13 of IS 302-2-7:2024
639.		Transient overvoltage	Cl. 14 of IS 302-2-7:2024
640.		Moisture resistance	Cl. 15 of IS 302-2-7:2024
641.		Leakage current and electric strength	Cl. 16 of IS 302-2-7:2024
642.		Overload protection of transformers and associated circuits	Cl. 17 of IS 302-2-7:2024
643.		Endurance	Cl. 18 of IS 302-2-7:2024
644.		Abnormal operation	Cl. 19 of IS 302-2-7:2024
645.		Stability and mechanical hazards	Cl. 20 of IS 302-2-7:2024
646.		Mechanical strength	Cl. 21 of IS 302-2-7:2024
647.		Construction	Cl. 22 of IS 302-2-7:2024

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	<b>Domestic Electrical Appliances</b>		
648.		Internal wiring	Cl. 23 of IS 302-2-7:2024
649.		Components	Cl. 24 of IS 302-2-7:2024
650.		Supply connection and external flexible cords	Cl. 25 of IS 302-2-7:2024
651.		Terminals for external conductors	Cl. 26 of IS 302-2-7:2024
652.		Provision for earthing	Cl. 27 of IS 302-2-7:2024
653.		Screws and connections	Cl. 28 of IS 302-2-7:2024
654.		Clearances, creepage distances and solid insulation	Cl. 29 of IS 302-2-7:2024
655.		Resistance to heat and fire	Cl. 30 of IS 302-2-7:2024
656.		Resistance to rusting	Cl. 31 of IS 302-2-7:2024
657.		Radiation, toxicity and similar hazards	Cl. 32 of IS 302-2-7:2024
658.	Massage appliances	Rating	Cl.5 of IS 302-2-32:1994
659.		Classification	Cl.6 of IS 302-2-32:1994
660.		Marking	Cl.7 of IS 302-2-32:1994
661.		Protection against electric shock	Cl.8 of IS 302-2-32:1994

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	<b>Domestic Electrical Appliances</b>		
662.		Starting of motor operated appliances	Cl.9 of IS 302-2-32:1994
663.		Input and current	Cl.10 of IS 302-2-32:1994
664.		Temperature rise	Cl.11 of IS 302-2-32:1994
665.		Operation under overload conditions of appliances with heating elements	Cl.12 of IS 302-2-32:1994
666.		Electricals insulation and leakage current at operating temperature	Cl.13 of IS 302-2-32:1994
667.		Radio and television interference suppression	Cl.14 of IS 302-2-32:1994
668.		Moisture resistance	Cl.15 of IS 302-2-32:1994
669.		Insulation resistance and electric strength (after humidity treatment)	Cl.16 of IS 302-2-32:1994
670.		Overload protection	Cl.17 of IS 302-2-32:1994
671.		Endurance (under consideration)	Cl.18 of IS 302-2-32:1994
672.		Abnormal operation	Cl.19 of IS 302-2-32:1994
673.		Stability and mechanical hazards	Cl.20 of IS 302-2-32:1994

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	<b>Domestic Electrical Appliances</b>		
674.		Mechanical strength	Cl.21 of IS 302-2-32:1994
675.		Construction	Cl.22 of IS 302-2-32:1994
676.		Internal wiring	Cl.23 of IS 302-2-32:1994
677.		Components	Cl.24 of IS 302-2-32:1994
678.		Supply connection and external flexible cords	Cl.25 of IS 302-2-32:1994
679.		Terminals for external conductor	Cl.26 of IS 302-2-32:1994
680.		Provision for earthing	Cl.27 of IS 302-2-32:1994
681.		Screws and connection	Cl.28 of IS 302-2-32:1994
682.		Creepage distances and clearances	Cl.29 of IS 302-2-32:1994
683.		Resistance to heat and fire	Cl.30 of IS 302-2-32:1994
684.		Resistance to rusting	Cl.31 of IS 302-2-32:1994
685.		Radiation hazard	Cl.32 of IS 302-2-32:1994
686.	Insect Killers	Rating	Cl.5 of IS 302-2-59:1999
687.		Classification	Cl.6 of IS 302-2-59:1999
688.		Marking	Cl.7 of IS 302-2-59:1999

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	<b>Domestic Electrical Appliances</b>		
689.		Protection against electric shock	Cl.8 of IS 302-2-59:1999
690.		Starting of motor operated appliances	Cl.9 of IS 302-2-59:1999
691.		Input and current	Cl.10 of IS 302-2-59:1999
692.		Temperature Rise	Cl.11 of IS 302-2-59:1999
693.		Operation under overload conditions of appliances with heating elements	Cl.12 of IS 302-2-59:1999
694.		Electricals insulation and leakage current at operating	Cl.13 of IS 302-2-59:1999
695.		Radio and television interference suppression	Cl.14 of IS 302-2-59:1999
696.		Moisture resistance	Cl.15 of IS 302-2-59:1999
697.		Insulation resistance and electric strength (after humidity treatment)	Cl.16 of IS 302-2-59:1999
698.		Overload protection	Cl.17 of IS 302-2-59:1999
699.		Endurance (Under consideration)	Cl.18 of IS 302-2-59:1999
700.		Abnormal operation	Cl.19 of IS 302-2-59:1999

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	<b>Domestic Electrical Appliances</b>		
701.		Stability and mechanical hazards	Cl.20 of IS 302-2-59:1999
702.		Mechanical strength	Cl.21 of IS 302-2-59:1999
703.		Construction	Cl.22 of IS 302-2-59:1999
704.		Internal wiring	Cl.23 of IS 302-2-59:1999
705.		Components	Cl.24 of IS 302-2-59:1999
706.		Supply Connection and external flexible cords	Cl.25 of IS 302-2-59:1999
707.		Terminals for external conductor	Cl.26 of IS 302-2-59:1999
708.		Provision for earthing	Cl.27 of IS 302-2-59:1999
709.		Screws and connection	Cl.28 of IS 302-2-59:1999
710.		Creepage distances and clearances	Cl.29 of IS 302-2-59:1999
711.		Resistance to heat and fire	Cl.30 of IS 302-2-59:1999
712.		Resistance to rusting	Cl.31 of IS 302-2-59:1999
713.		Radiation hazard	Cl.32 of IS 302-2-59:1999
714.	Electric heating tools	Rating	Cl.5 of IS 302-2-45:1994
715.		Classification	Cl.6 of IS 302-2-45:1994

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	<b>Domestic Electrical Appliances</b>		
716.		Marking	Cl.7 of IS 302-2-45:1994
717.		Protection against electric shock	Cl.8 of IS 302-2-45:1994
718.		Starting of motor operated appliances	Cl.9 of IS 302-2-45:1994
719.		Input	Cl.10 of IS 302-2-45:1994
720.		Temperature rise	Cl.11 of IS 302-2-45:1994
721.		Operation under overload conditions	Cl.12 of IS 302-2-45:1994
722.		Electricals insulation and leakage current at operating	Cl.13 of IS 302-2-45:1994
723.		Radio and television interference suppression	Cl.14 of IS 302-2-45:1994
724.		Moisture resistance	Cl.15 of IS 302-2-45:1994
725.		Insulation resistance and electric strength (after humidity treatment)	Cl.16 of IS 302-2-45:1994
726.		Overload protection	Cl.17 of IS 302-2-45:1994
727.		Endurance (under consideration)	Cl.18 of IS 302-2-45:1994
728.		Abnormal operation	Cl.19 of IS 302-2-45:1994

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	<b>Domestic Electrical Appliances</b>		
729.		Stability and mechanical hazards	Cl.20 of IS 302-2-45:1994
730.		Mechanical strength	Cl.21 of IS 302-2-45:1994
731.		Construction	Cl.22 of IS 302-2-45:1994
732.		Internal wiring	Cl.23 of IS 302-2-45:1994
733.		Components	Cl.24 of IS 302-2-45:1994
734.		Supply connection and external flexible cords	Cl.25 of IS 302-2-45:1994
735.		Terminals for external conductor	Cl.26 of IS 302-2-45:1994
736.		Provision for earthing	Cl.27 of IS 302-2-45:1994
737.		Screws and connection	Cl.28 of IS 302-2-45:1994
738.		Creepage distances and clearances	Cl.29 of IS 302-2-45:1994
739.		Resistance to heat and fire	Cl.30 of IS 302-2-45:1994
740.		Resistance to rusting	Cl.31 of IS 302-2-45:1994
741.		Radiation hazard	Cl.32 of IS 302-2-45:1994
742.	Electric call bells and buzzers for indoor use	Rating	Cl.5 of IS 302-2-203:1997
743.		Classification	Cl.6 of IS 302-2-203:1997

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	<b>Domestic Electrical Appliances</b>		
744.		Marking	Cl.7 of IS 302-2-203:1997
745.		Protection against electric shock	Cl.8 of IS 302-2-203:1997
746.		Starting of motor operated appliances	Cl.9 of IS 302-2-203:1997
747.		Input and current	Cl.10 of IS 302-2-203:1997
748.		Temperature rise	Cl.11 of IS 302-2-203:1997
749.		Operation under overload conditions	Cl.12 of IS 302-2-203:1997
750.		Electricals insulation and leakage current at operating	Cl.13 of IS 302-2-203:1997
751.		Radio and television interference suppression	Cl.14 of IS 302-2-203:1997
752.		Moisture resistance	Cl.15 of IS 302-2-203:1997
753.		Insulation resistance and electric strength (after humidity treatment)	Cl.16 of IS 302-2-203:1997
754.		Overload protection	Cl.17 of IS 302-2-203:1997
755.		Endurance (under consideration)	Cl.18 of IS 302-2-203:1997
756.		Abnormal operation	Cl.19 of IS 302-2-203:1997

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
757.		Stability and mechanical hazards	CI.20 of IS 302-2-203:1997
758.		Mechanical strength	CI.21 of IS 302-2-203:1997
759.		Construction	CI.22 of IS 302-2-203:1997
760.		Internal wiring	CI.23 of IS 302-2-203:1997
761.		Components	CI.24 of IS 302-2-203:1997
762.		Supply connection and external flexible cords	CI.25 of IS 302-2-203:1997
763.		Terminals for external conductor	CI.26 of IS 302-2-203:1997
764.		Provision for earthing	CI.27 of IS 302-2-203:1997
765.		Screws and connection	CI.28 of IS 302-2-203:1997
766.		Creepage distances and clearances	CI.29 of IS 302-2-203:1997
767.		Resistance to heat, fire and tracking	CI.30 of IS 302-2-203:1997
768.		Resistance to rusting	CI.31 of IS 302-2-203:1997
769.		Radiation hazard	CI.32 of IS 302-2-203:1997
770.	Electric water boilers	Rating	CI.5 of IS 302-2-204:1994

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
771.		Classification	Cl.6 of IS 302-2-204:1994
772.		Marking	Cl.7 of IS 302-2-204:1994
773.		Protection against electric shock	Cl.8 of IS 302-2-204:1994
774.		Starting of motor operated appliances	Cl.9 of IS 302-2-204:1994
775.		Input and current	Cl.10 of IS 302-2-204:1994
776.		Temperature rise	Cl.11 of IS 302-2-204:1994
777.		Operation under overload conditions	Cl.12 of IS 302-2-204:1994
778.		Electricals insulation and leakage current at operating	Cl.13 of IS 302-2-204:1994
779.		Radio and television interference suppression	Cl.14 of IS 302-2-204:1994
780.		Moisture resistance	Cl.15 of IS 302-2-204:1994
781.		Insulation resistance and electric strength (after humidity treatment)	Cl.16 of IS 302-2-204:1994
782.		Overload protection	Cl.17 of IS 302-2-204:1994
783.		Endurance (under consideration)	Cl.18 of IS 302-2-204:1994

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
784.		Abnormal operation	Cl.19 of IS 302-2-204:1994
785.		Stability and mechanical hazards	Cl.20 of IS 302-2-204:1994
786.		Mechanical strength	Cl.21 of IS 302-2-204:1994
787.		Construction	Cl.22 of IS 302-2-204:1994
788.		Internal wiring	Cl.23 of IS 302-2-204:1994
789.		Components	Cl.24 of IS 302-2-204:1994
790.		Supply connection and external flexible cords	Cl.25 of IS 302-2-204:1994
791.		Terminals for external conductor	Cl.26 of IS 302-2-204:1994
792.		Provision for earthing	Cl.27 of IS 302-2-204:1994
793.		Screws and connection	Cl.28 of IS 302-2-204:1994
794.		Creepage distances and Clearances	Cl.29 of IS 302-2-204:1994
795.		Resistance to heat, fire and tracking	Cl.30 of IS 302-2-204:1994
796.		Resistance to rusting	Cl.31 of IS 302-2-204:1994
797.		Radiation hazard	Cl.32 of IS 302-2-204:1994

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	<b>Domestic Electrical Appliances</b>		
798.	Spin extractors	Rating	Cl.5 of IS 302-2-4:1993
799.		Classification	Cl.6 of IS 302-2-4:1993
800.		Marking	Cl.7 of IS 302-2-4:1993
801.		Protection against electric shock	Cl.8 of IS 302-2-4:1993
802.		Starting of motor operated appliances	Cl.9 of IS 302-2-4:1993
803.		Input	Cl.10 of IS 302-2-4:1993
804.		Temperature rise	Cl.11 of IS 302-2-4:1993
805.		Operation under overload conditions	Cl.12 of IS 302-2-4:1993
806.		Electricals insulation and leakage current at operating	Cl.13 of IS 302-2-4:1993
807.		Radio and television interference suppression	Cl.14 of IS 302-2-4:1993
808.		Moisture resistance	Cl.15 of IS 302-2-4:1993
809.		Insulation resistance and electric strength (after humidity treatment)	Cl.16 of IS 302-2-4:1993
810.		Overload protection	Cl.17 of IS 302-2-4:1993

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
811.		Endurance (under consideration)	Cl.18 of IS 302-2-4:1993
812.		Abnormal operation	Cl.19 of IS 302-2-4:1993
813.		Stability and mechanical hazards	Cl.20 of IS 302-2-4:1993
814.		Mechanical strength	Cl.21 of IS 302-2-4:1993
815.		Construction	Cl.22 of IS 302-2-4:1993
816.		Internal wiring	Cl.23 of IS 302-2-4:1993
817.		Components	Cl.24 of IS 302-2-4:1993
818.		Supply connection and external flexible cords	Cl.25 of IS 302-2-4:1993
819.		Terminals for external conductor	Cl.26 of IS 302-2-4:1993
820.		Provision for earthing	Cl.27 of IS 302-2-4:1993
821.		Screws and connection	Cl.28 of IS 302-2-4:1993
822.		Creepage distances and clearances	Cl.29 of IS 302-2-4:1993
823.		Resistance to heat, fire and tracking	Cl.30 of IS 302-2-4:1993
824.		Resistance to rusting	Cl.31 of IS 302-2-4:1993

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	<b>Domestic Electrical Appliances</b>		
825.		Radiation hazard	Cl.32 of IS 302-2-4:1993
826.	Tumbler dryers	Rating	Cl.5 of IS 302-2-11:1994
827.		Classification	Cl.6 of IS 302-2-11:1994
828.		Marking	Cl.7 of IS 302-2-11:1994
829.		Protection against electric shock	Cl.8 of IS 302-2-11:1994
830.		Starting of motor operated appliances	Cl.9 of IS 302-2-11:1994
831.		Input and current	Cl.10 of IS 302-2-11:1994
832.		Temperature rise	Cl.11 of IS 302-2-11:1994
833.		Operation under overload conditions	Cl.12 of IS 302-2-11:1994
834.		Electricals insulation and leakage current at operating	Cl.13 of IS 302-2-11:1994
835.		Radio and television interference suppression	Cl.14 of IS 302-2-11:1994
836.		Moisture resistance	Cl.15 of IS 302-2-11:1994
837.	Insulation resistance and electric strength (after humidity treatment)	Cl.16 of IS 302-2-11:1994	

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
838.		Overload protection	Cl.17 of IS 302-2-11:1994
839.		Endurance (Under consideration)	Cl.18 of IS 302-2-11:1994
840.		Abnormal operation	Cl.19 of IS 302-2-11:1994
841.		Stability and mechanical hazards	Cl.20 of IS 302-2-11:1994
842.		Mechanical strength	Cl.21 of IS 302-2-11:1994
843.		Construction	Cl.22 of IS 302-2-11:1994
844.		Internal wiring	Cl.23 of IS 302-2-11:1994
845.		Components	Cl.24 of IS 302-2-11:1994
846.		Supply connection and external flexible cords	Cl.25 of IS 302-2-11:1994
847.		Terminals for external conductor	Cl.26 of IS 302-2-11:1994
848.		Provision for earthing	Cl.27 of IS 302-2-11:1994
849.		Screws and connection	Cl.28 of IS 302-2-11:1994
850.		Creepage distances and clearances	Cl.29 of IS 302-2-11:1994
851.		Resistance to heat, fire and tracking	Cl.30 of IS 302-2-11:1994

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	<b>Domestic Electrical Appliances</b>		
852.		Resistance to rusting	Cl.31 of IS 302-2-11:1994
853.		Radiation hazard	Cl.32 of IS 302-2-11:1994
854.	Electric fence energizers	Classification	Cl.6 of IS 302-2-76:1999
855.		Marking and instruction	Cl.7 of IS 302-2-76:1999
856.		Protection against electric shock	Cl.8 of IS 302-2-76:1999
857.		Starting of motor-operated appliances	Cl.9 of IS 302-2-76:1999
858.		Power input and current	Cl.10 of IS 302-2-76:1999
859.		Heating	Cl.11 of IS 302-2-76:1999
860.		Operation under overload condition of appliances with heating elements	Cl.12 of IS 302-2-76:1999
861.		Electrical Insulation and Leakage Current and at operating temperature	Cl.13 of IS 302-2-76:1999
862.		Radio and television interference suppression	Cl.14 of IS 302-2-76:1999
863.		Moisture resistance	Cl.15 of IS 302-2-76:1999

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	<b>Domestic Electrical Appliances</b>		
864.		Insulation resistance and electric strength (after humidity)	Cl.16 of IS 302-2-76:1999
865.		Abnormal operation	Cl.19 of IS 302-2-76:1999
866.		Stability and mechanical hazards	Cl.20 of IS 302-2-76:1999
867.		Mechanical strength	Cl.21 of IS 302-2-76:1999
868.		Construction	Cl.22 of IS 302-2-76:1999
869.		Internal wiring	Cl.23 of IS 302-2-76:1999
870.		Components	Cl.24 of IS 302-2-76:1999
871.		Supply connection and external flexible cord	Cl.25 of IS 302-2-76:1999
872.		Terminal for external conductors	Cl.26 of IS 302-2-76:1999
873.		Provision for Earthing	Cl.27 of IS 302-2-76:1999
874.		Screws and Connections	Cl.28 of IS 302-2-76:1999
875.		Creepage distances and clearances	Cl.29 of IS 302-2-76:1999
876.		Resistance to heat, fire and tracking	Cl.30 of IS 302-2-76:1999
877.		Resistance to rusting	Cl.31 of IS 302-2-76:1999

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	<b>Domestic Electrical Appliances</b>		
878.		Radiation hazards	Cl.32 of IS 302-2-76:1999
879.	Electric hot plate	Rating	Cl.5 of IS 365:1983
880.		Classification	Cl.6 of IS 365:1983
881.		Marking and instruction	Cl.7 of IS 365:1983
882.		Protection against electric shock	Cl.8 of IS 365:1983
883.		Starting of motor-operated appliances	Cl.9 of IS 365:1983
884.		Power input and current	Cl.10 of IS 365:1983
885.		Heating	Cl.11 of IS 365:1983
886.		Operation under overload condition of appliances with heating elements	Cl.12 of IS 365:1983
887.		Electrical insulation and leakage current and at operating temperature	Cl.13 of IS 365:1983
888.		Radio and television interference suppression	Cl.14 of IS 365:1983
889.		Moisture resistance	Cl.15 of IS 365:1983

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	<b>Domestic Electrical Appliances</b>		
890.		Insulation resistance and electric strength (after humidity)	CI.16 of IS 365:1983
891.		Abnormal operation	CI.19 of IS 365:1983
892.		Stability and mechanical hazards	CI.20 of IS 365:1983
893.		Mechanical strength	CI.21 of IS 365:1983
894.		Construction	CI.22 of IS 365:1983
895.		Internal wiring	CI.23 of IS 365:1983
896.		Components	CI.24 of IS 365:1983
897.		Supply connection and external flexible cord	CI.25 of IS 365:1983
898.		Terminal for external conductors	CI.26 of IS 365:1983
899.		Provision for earthing	CI.27 of IS 365:1983
900.		Screws and connections	CI.28 of IS 365:1983
901.		Creepage distances and clearances	CI.29 of IS 365:1983
902.		Resistance to heat, fire and tracking	CI.30 of IS 365:1983
903.		Resistance to rusting	CI.31 of IS 365:1983

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	<b>Domestic Electrical Appliances</b>		
904.		Radiation hazards	CI.32 of IS 365:1983
905.	Commercial electric forced convection ovens, steam cookers and steam-convection ovens	Classification	CI.6 of IS 302-2-42: 2024 & IEC 60335-2-42: 2021
906.		Marking and instructions	CI.7 of IS 302-2-42: 2024 & IEC 60335-2-42: 2021
907.		Protection against access to live parts	CI.8 of IS 302-2-42: 2024 & IEC 60335-2-42: 2021
908.		Starting of motor-operated appliances	CI.9 of IS 302-2-42: 2024 & IEC 60335-2-42: 2021
909.		Power input and current	CI.10 of IS 302-2-42: 2024 & IEC 60335-2-42: 2021
910.		Heating	CI.11 of IS 302-2-42: 2024 & IEC 60335-2-42: 2021
911.		Charging of metal-ion batteries	CI.12 of IS 302-2-42: 2024 & IEC 60335-2-42: 2021
912.		Leakage current and electric strength at operating temperature	CI.13 of IS 302-2-42: 2024 & IEC 60335-2-42: 2021
913.		Transient over voltages	CI.14 of IS 302-2-42: 2024 & IEC 60335-2-42: 2021
914.		Moisture resistance	CI.15 of IS 302-2-42: 2024 & IEC 60335-2-42: 2021

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
915.		Leakage current and electric strength	Cl.16 of IS 302-2-42: 2024 & IEC 60335-2-42: 2021
916.		Overload protection of transformers associated circuits	Cl.17 of IS 302-2-42: 2024 & IEC 60335-2-42: 2021
917.		Endurance	Cl.18 of IS 302-2-42: 2024 & IEC 60335-2-42: 2021
918.		Abnormal operation	Cl.19 of IS 302-2-42: 2024 & IEC 60335-2-42: 2021
919.		Stability and mechanical hazards	Cl.20 of IS 302-2-42: 2024 & IEC 60335-2-42: 2021
920.		Mechanical strength	Cl.21 of IS 302-2-42: 2024 & IEC 60335-2-42: 2021
921.		Construction	Cl.22 of IS 302-2-42: 2024 & IEC 60335-2-42: 2021
922.		Internal wiring	Cl.23 of IS 302-2-42: 2024 & IEC 60335-2-42: 2021
923.		Components	Cl.24 of IS 302-2-42: 2024 & IEC 60335-2-42: 2021
924.		Supply connection and external flexible cords	Cl.25 of IS 302-2-42: 2024 & IEC 60335-2-42: 2021

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	<b>Domestic Electrical Appliances</b>		
925.		Terminal for external conductors	Cl.26 of IS 302-2-42: 2024 & IEC 60335-2-42: 2021
926.		Provision for earthing	Cl.27 of IS 302-2-42: 2024 & IEC 60335-2-42: 2021
927.		Screws and connections	Cl.28 of IS 302-2-42: 2024 & IEC 60335-2-42: 2021
928.		Clearances, creepage distances and solid insulation	Cl.29 of IS 302-2-42: 2024 & IEC 60335-2-42: 2021
929.		Resistance to heat and fire	Cl.30 of IS 302-2-42: 2024 & IEC 60335-2-42: 2021
930.		Resistance to rusting	Cl.31 of IS 302-2-42: 2024 & IEC 60335-2-42: 2021
931.		Radiation, toxicity and similar hazards	Cl.32 of IS 302-2-42: 2024 & IEC 60335-2-42: 2021
932.	Electric Iron	Classification and rating	Cl.6 of IS 302: Part 2: Sec 3: 2024 (IEC 60335-2-3: 2022)
933.		Marking and instructions	Cl.7 of IS 302: Part 2: Sec 3: 2024 (IEC 60335-2-3: 2022)
934.		Protection against access to live parts	Cl.8 of 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
	Domestic Electrical Appliances		
935.		Power input and current	Cl.10 of IS 302: Part 2: Sec 3: 2024 (IEC 60335-2-3: 2022)
936.		Heating	Cl.11 of IS 302: Part 2: Sec 3: 2024 (IEC 60335-2-3: 2022)
937.		Charging of metal-ion batteries	Cl.12 of IS 302- Part 2: Sec 3: 2024 (IEC 60335-2-3: 2022)
938.		Leakage current and electric strength at operating Temperature	Cl.13 of IS 302: Part 2: Sec 3: 2024 (IEC 60335-2-3: 2022)
939.		Transient over voltage	Cl.14 of IS 302: Part 2: Sec 3: 2024 (IEC 60335-2-3: 2022)
940.		Moisture resistance	Cl.15 of IS 302: Part 2: Sec 3: 2024 (IEC 60335-2-3: 2022)
941.		Leakage current and electric strength	Cl.16 of IS 302: Part 2: Sec 3: 2024 (IEC 60335-2-3: 2022)
942.		Overload protection of transformers associated circuits	Cl.17 of IS 302: Part 2: Sec 3: 2024 (IEC 60335-2-3:2022)
943.		Abnormal operation	Cl.19 of IS 302: Part 2: Sec 3: 2024 (IEC 60335-2-3: 2022)
944.		Stability and mechanical Hazards	Cl.20 of 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>		
945.		Mechanical strength	Cl.21 of IS 302: Part 2: Sec 3: 2024 (IEC 60335-2-3: 2022)
946.		Construction	Cl.22 of IS 302: Part 2: Sec 3: 2024 (IEC 60335-2-3: 2022)
947.		Internal wiring	Cl.23 of IS 302: Part 2: Sec 3: 2024 (IEC 60335-2-3: 2022)
948.		Components	Cl.24 of IS 302: Part 2: Sec 3: 2024 (IEC 60335-2-3: 2022)
949.		Supply connection and external flexible cords	Cl.25 of IS 302: Part 2: Sec 3: 2024 (IEC 60335-2-3: 2022)
950.		Terminals for external conductors	Cl.26 of IS 302: Part 2: Sec 3: 2024 (IEC 60335-2-3: 2022)
951.		Provision for earthing	Cl.27 of IS 302: Part 2: Sec 3: 2024 (IEC 60335-2-3: 2022)
952.		Screw and connections	Cl.28 of IS 302: Part 2: Sec 3: 2024 (IEC 60335-2-3: 2022)
953.		Clearances, creepage distances and solid insulation	Cl.29 of IS 302: Part 2: Sec 3: 2024 (IEC 60335-2-3: 2022)
954.		Resistance to heat, fire and tracking	Cl.30 of IS 302: Part 2: Sec 3: 2024 (IEC 60335-2-3: 2022)

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	<b>Domestic Electrical Appliances</b>		
955.		Resistance to rusting	Cl.31 of IS 302: Part 2: Sec 3: 2024 (IEC 60335-2-3: 2022)
956.		Radiation, toxicity and similar hazards	Cl.32 of IS 302: Part 2: Sec 3: 2024 (IEC 60335-2-3: 2022)
957.	Storage water heaters	Classification	Cl.6 of IS 302-2-21:2024 & IEC 60335-2-21:2022
958.		Marking and instructions	Cl.7 of IS 302-2-21:2024 & IEC 60335-2-21:2022
959.		Protection against access to live parts	Cl.8 of IS 302-2-21:2024 & IEC 60335-2-21:2022
960.		Power input and current	Cl.10 of IS 302-2-21:2024 & IEC 60335-2-21:2022
961.		Heating	Cl.11 of IS 302-2-21:2024 & IEC 60335-2-21:2022
962.		Charging of metal-ion batteries	Cl.12 of IS 302-2-21:2024 & IEC 60335-2-21:2022
963.		Leakage current and electric strength at operating Temperature	Cl.13 of IS 302-2-21:2024 & IEC 60335-2-21:2022
964.		Transient over voltage	Cl.14 of IS 302-2-21:2024 & IEC 60335-2-21:2022

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
965.		Moisture resistance	Cl.15 of IS 302-2-21:2024 & IEC 60335-2-21:2022
966.		Leakage current and electric strength	Cl.16 of IS 302-2-21:2024 & IEC 60335-2-21:2022
967.		Overload protection of transformers associated circuits	Cl.17 of IS 302-2-21:2024 & IEC 60335-2-21:2022
968.		Abnormal Operation	Cl.19 of IS 302-2-21:2024 & IEC 60335-2-21:2022
969.		Stability and Mechanical Hazards	Cl.20 of IS 302-2-21:2024 & IEC 60335-2-21:2022
970.		Mechanical Strength	Cl.21 of IS 302-2-21:2024 & IEC 60335-2-21:2022
971.		Construction	Cl.22 of IS 302-2-21:2024 & IEC 60335-2-21:2022
972.		Internal wiring	Cl.23 of IS 302-2-21:2024 & IEC 60335-2-21:2022
973.		Components	Cl.24 of IS 302-2-21:2024 & IEC 60335-2-21:2022
974.		Supply connection and external flexible cords	Cl.25 of IS 302-2-21:2024 & 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>		
975.		Terminals for external conductors	Cl.26 of IS 302-2-21:2024 & IEC 60335-2-21:2022
976.		Provision for earthing	Cl.27 of IS 302-2-21:2024 & IEC 60335-2-21:2022
977.		Screw and connections	Cl.28 of IS 302-2-21:2024 & IEC 60335-2-21:2022
978.		Clearances, creepage distances and solid insulation	Cl.29 of IS 302-2-21:2024 & IEC 60335-2-21:2022
979.		Resistance to Heat, fire and tracking	Cl.30 of IS 302-2-21:2024 & IEC 60335-2-21:2022
980.		Resistance to rusting	Cl.31 of IS 302-2-21:2024 & IEC 60335-2-21:2022
981.		Radiation, toxicity and similar hazards	Cl.32 of IS 302-2-21:2024 & IEC 60335-2-21:2022
982.	Household and similar electrical appliances - safety	Classification	Cl.6 of IS 302: Part 1: 2024 (IEC 60335-1: 2020)
983.		Marking and instructions	Cl.7 of IS 302: Part 1: 2024 (IEC 60335-1: 2020)
984.		Protection against access to live parts	Cl.8 of IS 302: Part 1: 2024 (IEC 60335-1: 2020)

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
985.		Power input and current	Cl.10 of IS 302: Part 1: 2024 (IEC 60335-1: 2020)
986.		Heating	Cl.11 of IS 302: Part 1: 2024 (IEC 60335-1: 2020)
987.		Charging of metal-ion batteries	Cl.12 of IS 302: Part 1: 2024 (IEC 60335-1: 2020)
988.		Leakage current and electric strength at operating Temperature	Cl.13 of IS 302: Part 1: 2024 (IEC 60335-1: 2020)
989.		Transient over voltage	Cl.14 of IS 302: Part 1: 2024 (IEC 60335-1: 2020)
990.		Moisture resistance	Cl.15 of IS 302: Part 1: 2024 (IEC 60335-1: 2020)
991.		Leakage current and electric strength	Cl.16 of IS 302: Part 1: 2024 (IEC 60335-1: 2020)
992.		Overload protection of transformers associated circuits	Cl.17 of IS 302: Part 1: 2024 (IEC 60335-1: 2020)
993.		Abnormal operation	Cl.19 of IS 302: Part 1: 2024 (IEC 60335-1: 2020)
994.		Stability and mechanical hazards	Cl.20 of IS 302: Part 1: 2024 (IEC 60335-1: 2020)

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**Global Scientific Solutions Private Limited**

Plot No.-37, Pocket-N, Sector-2, DSIIDC Industrial Area,

Bawana, Delhi-110039, India

QAI/CIA/TL/2025/0117

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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>		
995.		Mechanical strength	CI.21 of IS 302: Part 1: 2024 (IEC 60335-1: 2020)
996.		Construction	CI.22 of IS 302: Part 1: 2024 (IEC 60335-1: 2020)
997.		Internal wiring	CI.23 of IS 302: Part 1: 2024 (IEC 60335-1: 2020)
998.		Components	CI.24 of IS 302: Part 1: 2024 (IEC 60335-1: 2020)
999.		Supply connection and external flexible cords	CI.25 of IS 302: Part 1: 2024 (IEC 60335-1: 2020)
1000.		Terminals for external conductors	CI.26 of IS 302: Part 1: 2024 (IEC 60335-1: 2020)
1001.		Provision for earthing	CI.27 of IS 302: Part 1: 2024 (IEC 60335-1: 2020)
1002.		Screw and connections	CI.28 of IS 302: Part 1: 2024 (IEC 60335-1: 2020)
1003.		Clearances, creepage distances and solid insulation	CI.29 of IS 302: Part 1: 2024 (IEC 60335-1: 2020)
1004.		Resistance to heat, fire and tracking	CI.30 of IS 302: Part 1: 2024 (IEC 60335-1: 2020)

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	<b>Domestic Electrical Appliances</b>		
1005.		Resistance to rusting	CI.31 of IS 302: Part 1: 2024 (IEC 60335-1: 2020)
1006.		Radiation, toxicity and similar hazards	CI.32 of IS 302: Part 1: 2024 (IEC 60335-1: 2020)
1007.	Electrical shavers, hair clipper and similar appliances	Classification	CI.6 of IS 302: Part 2: Sec 8: 2024 (IEC 60335-2-8: 2022)
1008.		Marking and instruction	CI.7 of IS 302: Part 2: Sec 8: 2024 (IEC 60335-2-8: 2022)
1009.		Protection against access to live parts	CI.8 of IS 302: Part 2: Sec 8: 2024 (IEC 60335-2-8: 2022)
1010.		Starting of motor-operated appliances	CI.9 of IS 302: Part 2: Sec 8: 2024 (IEC 60335-2-8: 2022)
1011.		Power input and current	CI.10 of IS 302: Part 2: Sec 8: 2024 (IEC 60335-2-8: 2022)
1012.		Heating	CI.11 of IS 302: Part 2: Sec 8: 2024 (IEC 60335-2-8: 2022)
1013.		Charging of metal-ion batteries	CI.12 of IS 302: Part 2: Sec 8: 2024 (IEC 60335-2-8: 2022)
1014.		Leakage current and electric strength at operating	CI.13 of IS 302: Part 2: Sec 8: 2024 (IEC 60335-2-8: 2022)

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	<b>Domestic Electrical Appliances</b>		
1015.		Transient over voltage	Cl.14 of IS 302: Part 2: Sec 8: 2024 (IEC 60335-2-8: 2022)
1016.		Moisture resistance	Cl.15 of IS 302: Part 2: Sec 8: 2024 (IEC 60335-2-8: 2022)
1017.		Leakage current and electric strength	Cl.16 of IS 302: Part 2: Sec 8: 2024 (IEC 60335-2-8: 2022)
1018.		Abnormal operation	Cl.19 of IS 302: Part 2: Sec 8: 2024 (IEC 60335-2-8: 2022)
1019.		Stability and mechanical hazards	Cl.20 of IS 302: Part 2: Sec 8: 2024 (IEC 60335-2-8: 2022)
1020.		Mechanical strength	Cl.21 of IS 302: Part 2: Sec 8: 2024 (IEC 60335-2-8: 2022)
1021.		Construction	Cl.22 of IS 302: Part 2: Sec 8: 2024 (IEC 60335-2-8: 2022)
1022.		Internal wiring	Cl.23 of IS 302: Part 2: Sec 8: 2024 (IEC 60335-2-8: 2022)
1023.		Components	Cl.24 of IS 302: Part 2: Sec 8: 2024 (IEC 60335-2-8: 2022)
1024.		Supply connection and external flexible cord	Cl.25 of IS 302: Part 2: Sec 8: 2024 (IEC 60335-2-8: 2022)

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
1025.		Terminal for external conductors	Cl.26 of IS 302: Part 2: Sec 8: 2024 (IEC 60335-2-8: 2022)
1026.		Provision for earthing	Cl.27 of IS 302: Part 2: Sec 8: 2024 (IEC 60335-2-8: 2022)
1027.		Screws and connections	Cl.28 of IS 302: Part 2: Sec 8: 2024 (IEC 60335-2-8: 2022)
1028.		Clearances, creepage distances and solid insulation	Cl.29 of IS 302: Part 2: Sec 8: 2024 (IEC 60335-2-8: 2022)
1029.		Resistance to heat and fire	Cl.30 of IS 302: Part 2: Sec 8: 2024 (IEC 60335-2-8: 2022)
1030.		Resistance to rusting	Cl.31 of IS 302: Part 2: Sec 8: 2024 (IEC 60335-2-8: 2022)
1031.		Radiation, toxicity and similar hazards	Cl.32 of IS 302: Part 2: Sec 8: 2024 (IEC 60335-2-8: 2022)

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	<b>Rotating Electrical Machine</b>		
1.	Electric table type fans and regulators	Interchangeability	Cl. 7.9 of IS: 555- 1979
2.		Sizes, speeds and types	Cl. 3 of IS: 555- 1979
3.		Rated voltage	Cl. 4 of IS: 555- 1979
4.		Rated frequency	Cl. 5 of IS: 555- 1979
5.		Design and general construction	Cl. 6 of IS: 555- 1979
6.		Protection against electric shock	Cl. 7.1 of IS: 555- 1979
7.		Electrical insulation under normal operating conditions	Cl. 7.2 of IS: 555- 1979
8.		Mechanical endurance	Cl. 7.4 of IS: 555- 1979
9.		Creepage distances and clearances	Cl. 7.5 of IS: 555 - 1979
10.		Finish	Cl. 7.6 of IS: 555- 1979
11.		Speed regulators	Cl. 7.8 of IS: 555- 1979
12.		Marking	Cl. 9 of IS: 555- 1979
13.		Air delivery	Cl. 10.3 of IS: 555- 1979
14.		Temperature-rise	Cl. 10.4 of IS: 555- 1979
15.		Leakage current	Cl. 10.5 of IS: 555- 1979
16.		High voltage	Cl. 10.6 of IS: 555- 1979
17.		Insulation resistance	Cl. 10.7.1 of IS: 555 - 1979
18.		Starting	Cl. 10.8 of IS: 555- 1979

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	<b>Rotating Electrical Machine</b>		
19.		Fan speed and input	Cl. 10.9 of IS: 555- 1979
20.		Earthing connection	Cl. 10.10 of IS: 555- 1979
21.		Protection against electric shock	Cl. 10.11 of IS: 555- 1979
22.		Moisture resistance	Cl. 10.12 of IS: 555- 1979
23.		Mechanical endurance test (for regulator only)	Cl. 10.13 of IS: 555- 1979
24.		Cord grip	Cl. 10.14 of IS: 555- 1979
25.		Oscillating mechanism (under consideration)	Cl. 10.15 of IS: 555- 1979
26.		Creepage distances and clearances	Cl. 10.16 of IS: 555- 1979
27.		Interchangeability	Cl. 12 of IS: 555- 1979
28.		Marking	Cl. 15 of IS: 555- 1979
29.	Electric pedestal type fans and regulators	Marking	Cl. 15 of IS: 1169- 1967
30.		Sizes, Speeds and types	Cl. 3 of IS: 1169- 1967
31.		Rated voltage	Cl. 4 of IS: 1169- 1967
32.		Rated frequency	Cl. 5 of IS: 1169- 1967
33.		Speed regulator	Cl. 10 of IS: 1169- 1967
34.		Interchangeability	Cl. 12 of IS: 1169- 1967
35.		Oscillating mechanism	Cl. 14 of IS: 1169- 1967
36.		Air delivery	Cl. 16.2 of IS: 1169- 1967

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	<b>Rotating Electrical Machine</b>		
37.		Temperature-rise	Cl. 16.3 of IS: 1169- 1967
38.		Moisture proofness (for regulators only)	Cl. 16.4 of IS: 1169- 1967
39.		Cord grip test	Cl. 16.5 of IS: 1169- 1967
40.		Mechanical endurance (for regulators only)	Cl. 16.6 of IS: 1169 - 1967
41.		Power factor	Cl. 16.7 of IS: 1169- 1967
42.		Ac leakage test	Cl. 16.8 of IS: 1169- 1967
43.		Starting	Cl. 11 of IS: 1169- 1967
44.		High voltage	Cl. 16.9 of IS: 1169- 1967
45.		Earthing continuity	Cl. 16.10 of IS: 1169 - 1967
46.		Electrical input	Cl. 16.11 of IS: 1169- 1967
47.		Fan speed	Cl. 16.12 of IS: 1169- 1967
48.	Propeller type ac ventilating fans	Marking	Cl. 13 of IS: 2312- 1967
49.		Starting	Cl. 10.1 of IS: 2312- 1967
50.		Interchangeability	Cl. 11 of IS: 2312- 1967
51.		Air delivery	Cl. 14.2 of IS: 2312- 1967
52.		Temperature-rise	Cl. 14.3 of IS: 2312- 1967
53.		Moisture proofness (for regulators only)	Cl. 14.4 of IS: 2312- 1967

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	<b>Rotating Electrical Machine</b>		
54.		Mechanical endurance (for regulators only)	Cl. 14.5 of IS: 2312- 1967
55.		Power factor	Cl. 14.6 of IS: 2312- 1967
56.		Ac leakage test	Cl. 14.7 of IS: 2312 - 1967
57.		High voltage	Cl. 14.8 of IS: 2312 - 1967
58.		Insulation resistance	Cl. 14.9 of IS: 2312 - 1967
59.		Earthing continuity	Cl. 14.10 of IS: 2312 - 1967
60.		Electrical input	Cl. 14.11 of IS: 2312- 1967
61.		Fan speed	Cl. 14.12 of IS: 2312- 1967
62.	Single phase a.c. induction motors	Test for no-load current, power input and speed at rated voltage and frequency	IS: 996- 2009
63.		Test for torques at rated voltage and frequency	Cl. 12.1.1 of IS: 996- 2009
64.		Test for breakaway starting current at rated voltage and frequency	Cl. 12.1.1 of IS: 996- 2009
65.		Test for full-load performance at rated voltage and frequency	Cl. 12.5.1 of IS: 996- 2009
66.		Temperature rise	Cl. 12.2 of IS: 996 - 2009
67.		Momentary overload test	Cl. 12.1.2 of IS: 996- 2009
68.		Insulation resistance test	Cl. 12.7 of IS: 996- 2009

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	<b>Rotating Electrical Machine</b>		
69.		High voltage test	Cl. 13.1 of IS: 996- 2009
70.		Moisture proofness	Cl. 13.2 of IS: 996- 2009
71.		Leakage current test	Cl. 13.3 of IS: 996- 2009
72.		Vibration test	Cl. 12.6 of IS: 996- 2009
73.		Dimensions	Cl. 7 of IS: 996- 2009
74.		Marking and diagram of connections	Cl. 16 of IS: 996- 2009
75.		Terminal marking	Cl. 14 of IS: 996- 2009
76.		Methods of cooling	Cl. 11 of IS: 996- 2009
77.		Types of enclosures	Cl. 10 of IS: 996- 2009
78.		General construction	Cl. 9 of IS: 996- 2009
79.		Duty and rating	Cl. 8 of IS: 996- 2009
80.		Efficiency	Cl. 17.6.1 of IS: 996 – 2009
81.		Power factor	Cl. 17.6.1 of IS: 996 – 2009
82.		Breakaway starting current	Cl. 17.6.1 of IS: 996 – 2009
83.	Direct evaporative air cooler	Classification	Cl.4 of IS 3315:2024
84.		Construction	Cl.5 of IS 3315:2024
85.		Rating	Cl.6 of IS 3315:2024
86.		Air delivery test	Cl. 8.1 of IS 3315:2024
87.		Energy Efficiency Ratio	Cl. 8.1 of IS 3315:2024

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Rotating Electrical Machine		
88.		Power Factor	Cl. 8.1 of IS 3315:2024
89.		Sound Test	Cl. 8.2 of IS 3315:2024
90.		Cooling Efficiency Test	Cl. 8.4 of IS 3315:2024
91.		Power Consumption	Cl. 8.5 of IS 3315:2024
92.		Drop Test	Cl. 8.7 of IS 3315:2024
93.		Air Cooler Blower/Fan Reliability Test	Cl. 8.8 of IS 3315:2024
94.		Marking and Instruction	Cl.7 IS 302-1:2024 & IEC 60335-1:2020
95.		General Running Tests	Cl.12.2.1 of IS 3315:2024
96.		Protection against Electric Shock	Cl.12.2.2 of IS 3315:2024
97.		High Voltage Tests	Cl.12.2.3 of IS 3315:2024
98.		Leakage Current	Cl.12.2.4 of IS 3315:2024
99.		Earthing Connections Tests	Cl.12.2.5 of IS 3315:2024
100.		Finish	Cl.12.2.6 of IS 3315:2024

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