

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



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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		
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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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
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.	Appliances for heating liquids	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
	Domestic Electrical Appliances		
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
	Domestic Electrical Appliances		
60.		Stability and mechanical hazards	CI.20 of IS 302-2-9:2009
61.		Mechanical strength	CI.21 of IS 302-2-9:2009
62.		Construction	CI.22 of IS 302-2-9:2009
63.		Internal wiring	CI.23 of IS 302-2-9:2009
64.		Components	CI.24 of IS 302-2-9:2009
65.		Supply connection and external flexible cord	CI.25 of IS 302-2-9:2009
66.		Terminal for external conductors	CI.26 of IS 302-2-9:2009
67.		Provision for earthing	CI.27 of IS 302-2-9:2009
68.		Screws and connections	CI.28 of IS 302-2-9:2009
69.		Clearances, creepage distances and solid insulation	CI.29 of IS 302-2-9:2009
70.		Resistance to heat and fire	CI.30 of IS 302-2-9:2009
71.		Resistance to rusting	CI.31 of IS 302-2-9:2009
72.		Radiation, toxicity and similar hazards	CI.32 of IS 302-2-9:2009
73.	Induction hobs	Classification	CI.6 of IS 302-2-6:2009
74.		Marking and instruction	CI.7 of IS 302-2-6:2009

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Electrical Testing			
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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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
90.		Terminal for external conductors	CI.26 of IS 302-2-6:2009
91.		Provision for earthing	CI.27 of IS 302-2-6:2009
92.		Screws and connections	CI.28 of IS 302-2-6:2009
93.		Clearances, creepage distances and solid insulation	CI.29 of IS 302-2-6:2009
94.		Resistance to heat and fire	CI.30 of IS 302-2-6:2009
95.		Resistance to rusting	CI.31 of IS 302-2-6:2009
96.		Radiation, toxicity and similar hazards	CI.32 of IS 302-2-6:2009
97.	Domestic electric food-mixers (liquidizers and grinders) and centrifugal juicers	Rating	CI.5 of IS 4250:1980
98.		Classification	CI.6 of IS 4250:1980
99.		Marking	CI.7 of IS 4250:1980
100.		Protection against access to live parts	CI.8 of IS 4250:1980
101.		Starting	CI.9 of IS 4250:1980
102.		Power input and current	CI.10 of IS 4250:1980
103.		Heating	CI.11 of IS 4250:1980
104.		Leakage current and electric strength at operating	CI.13 of IS 4250:1980

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

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



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

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
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
	Domestic Electrical Appliances		
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
	Domestic Electrical Appliances		
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 from 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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	Domestic Electrical Appliances		
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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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
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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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
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
	Domestic Electrical Appliances		
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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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
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
	Domestic Electrical Appliances		
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
	Domestic Electrical Appliances		
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.	Appliances for skin or hair care	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
	Domestic Electrical Appliances		
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
	Domestic Electrical Appliances		
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	CI.5 of IS 302-2-13 :1994
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
	Domestic Electrical Appliances		
358.		Construction	CI.22 of IS 302-2-13 :1994
359.		Internal wiring	CI.23 of IS 302-2-13 :1994
360.		Components	CI.24 of IS 302-2-13 :1994
361.		Supply connection and external flexible cord	CI.25 of IS 302-2-13 :1994
362.		Terminal for external conductors	CI.26 of IS 302-2-13 :1994
363.		Provision for earthing	CI.27 of IS 302-2-13 :1994
364.		Screws and connections	CI.28 of IS 302-2-13 :1994
365.		Clearances, creepage distances and solid insulation	CI.29 of IS 302-2-13 :1994
366.		Resistance to heat, fire and tracking	CI.30 of IS 302-2-13 :1994
367.		Resistance to rusting	CI.31 of IS 302-2-13 :1994
368.		Radiation hazards	CI.32 of IS 302-2-13 :1994
369.	Electric stoves	Classification and rating	CI.6 of IS 302-2-202:1992
370.		Marking and instructions	CI.7 of IS 302-2-202:1992
371.		Protection against access to live parts	CI.8 of IS 302-2-202:1992
372.		Power input and current	CI.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
	Domestic Electrical Appliances		
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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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
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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	Domestic Electrical Appliances		
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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	Domestic Electrical Appliances		
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.	Clocks	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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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
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
	Domestic Electrical Appliances		
441.		Screw and connections	Cl.28 of IS 302-2-26:1994
442.		Creepage distance and clearances	Cl.29 of IS 302-2-26:1994
443.		Resistance to heat, fire and tracking	Cl.30 of IS 302-2-26:1994
444.		Resistance to rusting	Cl.31 of IS 302-2-26:1994
445.		Radiation hazards	Cl.32 of IS 302-2-26:1994
446.	Microwave ovens, including combination microwave ovens	Classification	Cl.6 of IS 302-2-25:2014
447.		Marking and Instructions	Cl.7 of IS 302-2-25:2014
448.		Protection against access to live parts	Cl.8 of IS 302-2-25:2014
449.		Tarting of motor-operated appliances	Cl.9 of IS 302-2-25:2014
450.		Power input and current	Cl.10 of IS 302-2-25:2014
451.		Heating	Cl.11 of IS 302-2-25:2014
452.		Leakage current and electric strength at operating temperature	Cl.13 of IS 302-2-25:2014
453.		Transient overvoltage	Cl.14 of IS 302-2-25:2014
454.		Moisture resistance	Cl.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	CI.16 of IS 302-2-25:2014
456.		Overload protection of Transformers and associated Circuits	CI.17 of IS 302-2-25:2014
457.		Endurance	CI.18 of IS 302-2-25:2014
458.		Abnormal operation	CI.19 of IS 302-2-25:2014
459.		Stability and mechanical hazards	CI.20 of IS 302-2-25:2014
460.		Mechanical strength	CI.21 of IS 302-2-25:2014
461.		Construction	CI.22 of IS 302-2-25:2014
462.		Internal wiring	CI.23 of IS 302-2-25:2014
463.		Components	CI.24 of IS 302-2-25:2014
464.		Supply connection and external flexible cords	CI.25 of IS 302-2-25:2014
465.		Terminals for external conductors	CI.26 of IS 302-2-25:2014
466.		Provision for earthing	CI.27 of IS 302-2-25:2014
467.		Screws and connections	CI.28 of IS 302-2-25:2014
468.		Clearances, creepage distances and solid insulation	CI.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
	Domestic Electrical Appliances		
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
	Domestic Electrical Appliances		
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
	Domestic Electrical Appliances		
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
	Domestic Electrical Appliances		
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
	Domestic Electrical Appliances		
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
	Domestic Electrical Appliances		
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
	Domestic Electrical Appliances		
566.		Provision for Earthing	CI.27 of IS 302-2-75:2018
567.		Screw and connections	CI.28 of IS 302-2-75:2018
568.		Clearances, creepage distances and solid insulation	CI.29 of IS 302-2-75:2018
569.		Resistance to heat and fire	CI.30 of IS 302-2-75:2018
570.		Resistance to rusting	CI.31 of IS 302-2-75:2018
571.		Radiation, toxicity and similar hazards	CI.32 of IS 302-2-75:2018
572.	Electric ceiling type fans	Rating	CI.5 of IS 302-2-80:2017 CI.6 of IS 374:2019
573.		Classification	CI.6 of IS 302-2-80:2017 CI.7 of IS 374:2019
574.		Marking and instruction	CI.7 of IS 302-2-80:2017 CI.8 of IS 374:2019
575.		Protection against access to live parts	CI.8 of IS 302-2-80:2017
576.		Starting	CI.9 of IS 302-2-80:2017
577.		Power input & current	CI.10 of IS 302-2-80:2017
578.		Heating	CI.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
	Domestic Electrical Appliances		
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
	Domestic Electrical Appliances		
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
	Domestic Electrical Appliances		
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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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
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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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
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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	Domestic Electrical Appliances		
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
	Domestic Electrical Appliances		
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
	Domestic Electrical Appliances		
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
	Domestic Electrical Appliances		
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
	Domestic Electrical Appliances		
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
	Domestic Electrical Appliances		
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
	Domestic Electrical Appliances		
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
	Domestic Electrical Appliances		
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
	Domestic Electrical Appliances		
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
	Domestic Electrical Appliances		
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
	Domestic Electrical Appliances		
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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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
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
	Domestic Electrical Appliances		
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
	Domestic Electrical Appliances		
890.		Insulation resistance and electric strength (after humidity)	Cl.16 of IS 365:1983
891.		Abnormal operation	Cl.19 of IS 365:1983
892.		Stability and mechanical hazards	Cl.20 of IS 365:1983
893.		Mechanical strength	Cl.21 of IS 365:1983
894.		Construction	Cl.22 of IS 365:1983
895.		Internal wiring	Cl.23 of IS 365:1983
896.		Components	Cl.24 of IS 365:1983
897.		Supply connection and external flexible cord	Cl.25 of IS 365:1983
898.		Terminal for external conductors	Cl.26 of IS 365:1983
899.		Provision for earthing	Cl.27 of IS 365:1983
900.		Screws and connections	Cl.28 of IS 365:1983
901.		Creepage distances and clearances	Cl.29 of IS 365:1983
902.		Resistance to heat, fire and tracking	Cl.30 of IS 365:1983
903.		Resistance to rusting	Cl.31 of IS 365:1983

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
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	CI.16 of IS 302-2-42: 2024 & IEC 60335-2-42: 2021
916.		Overload protection of transformers associated circuits	CI.17 of IS 302-2-42: 2024 & IEC 60335-2-42: 2021
917.		Endurance	CI.18 of IS 302-2-42: 2024 & IEC 60335-2-42: 2021
918.		Abnormal operation	CI.19 of IS 302-2-42: 2024 & IEC 60335-2-42: 2021
919.		Stability and mechanical hazards	CI.20 of IS 302-2-42: 2024 & IEC 60335-2-42: 2021
920.		Mechanical strength	CI.21 of IS 302-2-42: 2024 & IEC 60335-2-42: 2021
921.		Construction	CI.22 of IS 302-2-42: 2024 & IEC 60335-2-42: 2021
922.		Internal wiring	CI.23 of IS 302-2-42: 2024 & IEC 60335-2-42: 2021
923.		Components	CI.24 of IS 302-2-42: 2024 & IEC 60335-2-42: 2021
924.		Supply connection and external flexible cords	CI.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
	Domestic Electrical Appliances		
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
	Domestic Electrical Appliances		
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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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
955.	Storage water heaters	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.		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	CI.15 of IS 302-2-21:2024 & IEC 60335-2-21:2022
966.		Leakage current and electric strength	CI.16 of IS 302-2-21:2024 & IEC 60335-2-21:2022
967.		Overload protection of transformers associated circuits	CI.17 of IS 302-2-21:2024 & IEC 60335-2-21:2022
968.		Abnormal Operation	CI.19 of IS 302-2-21:2024 & IEC 60335-2-21:2022
969.		Stability and Mechanical Hazards	CI.20 of IS 302-2-21:2024 & IEC 60335-2-21:2022
970.		Mechanical Strength	CI.21 of IS 302-2-21:2024 & IEC 60335-2-21:2022
971.		Construction	CI.22 of IS 302-2-21:2024 & IEC 60335-2-21:2022
972.		Internal wiring	CI.23 of IS 302-2-21:2024 & IEC 60335-2-21:2022
973.		Components	CI.24 of IS 302-2-21:2024 & IEC 60335-2-21:2022
974.		Supply connection and external flexible cords	CI.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
	Domestic Electrical Appliances		
975.		Terminals for external conductors	CI.26 of IS 302-2-21:2024 & IEC 60335-2-21:2022
976.		Provision for earthing	CI.27 of IS 302-2-21:2024 & IEC 60335-2-21:2022
977.		Screw and connections	CI.28 of IS 302-2-21:2024 & IEC 60335-2-21:2022
978.		Clearances, creepage distances and solid insulation	CI.29 of IS 302-2-21:2024 & IEC 60335-2-21:2022
979.		Resistance to Heat, fire and tracking	CI.30 of IS 302-2-21:2024 & IEC 60335-2-21:2022
980.		Resistance to rusting	CI.31 of IS 302-2-21:2024 & IEC 60335-2-21:2022
981.		Radiation, toxicity and similar hazards	CI.32 of IS 302-2-21:2024 & IEC 60335-2-21:2022
982.	Household and similar electrical appliances - safety	Classification	CI.6 of IS 302: Part 1: 2024 (IEC 60335-1: 2020)
983.		Marking and instructions	CI.7 of IS 302: Part 1: 2024 (IEC 60335-1: 2020)
984.		Protection against access to live parts	CI.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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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
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
	Domestic Electrical Appliances		
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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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Domestic Electrical Appliances		
1015.		Transient over voltage	CI.14 of IS 302: Part 2: Sec 8: 2024 (IEC 60335-2-8: 2022)
1016.		Moisture resistance	CI.15 of IS 302: Part 2: Sec 8: 2024 (IEC 60335-2-8: 2022)
1017.		Leakage current and electric strength	CI.16 of IS 302: Part 2: Sec 8: 2024 (IEC 60335-2-8: 2022)
1018.		Abnormal operation	CI.19 of IS 302: Part 2: Sec 8: 2024 (IEC 60335-2-8: 2022)
1019.		Stability and mechanical hazards	CI.20 of IS 302: Part 2: Sec 8: 2024 (IEC 60335-2-8: 2022)
1020.		Mechanical strength	CI.21 of IS 302: Part 2: Sec 8: 2024 (IEC 60335-2-8: 2022)
1021.		Construction	CI.22 of IS 302: Part 2: Sec 8: 2024 (IEC 60335-2-8: 2022)
1022.		Internal wiring	CI.23 of IS 302: Part 2: Sec 8: 2024 (IEC 60335-2-8: 2022)
1023.		Components	CI.24 of IS 302: Part 2: Sec 8: 2024 (IEC 60335-2-8: 2022)
1024.		Supply connection and external flexible cord	CI.25 of IS 302: Part 2: Sec 8: 2024 (IEC 60335-2-8: 2022)

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Scope of Accreditation

Global Scientific Solutions Private Limited

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

Bawana, Delhi-110039, India

QAI/CIA/TL/2025/0117

Valid from: 10 May 2025

Valid until: 09 May 2027

Accreditation Standard: ISO/IEC 17025:2017

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
	Rotating Electrical Machine		
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
	Rotating Electrical Machine		
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
	Rotating Electrical Machine		
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
	Rotating Electrical Machine		
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
	Rotating Electrical Machine		
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

